



2014 ANNUAL REPORT

PORT WASHINGTON FIRE DEPARTMENT



CITY OF PORT WASHINGTON | FIRE DEPARTMENT & EMERGENCY MEDICAL SERVICES
Mark Mitchell, Fire Chief

March 9, 2015

Mayor Mlada
Common Council Members
Police and Fire Commissioners

On behalf of the members of the Port Washington Fire Department, I am pleased to present the Fire Department's Annual Report for 2014. The department responded to 1,367 emergency requests for service in 2014. This is an increase of seventy five responses from the 1,292 emergency responses in 2013. Of these 1,367 requests, 220 were fire responses and 1,147 were for Emergency Medical Services. The graph on page 6 shows that responses have increased 63% in the last five year.

The department responded to two significant structure fires in 2014. Fortunately, these fires resulted in no loss of life or injuries to either fire fighters or civilians. A fire loss of \$98,500 was estimated in 2014. This compares to an estimated \$86,250 loss in 2013. The most significant dollar loss came during the early morning hours of July 20 when the department responded to a series of arson fires throughout the downtown area. These fires caused an estimated \$50,400, which accounted for more than half the total dollar loss for the entire year!

The fire, rescue, and EMS personnel of the Port Washington Fire Department are as dedicated as can be. We look forward to serving the citizens of Port Washington in 2015 and beyond.

Respectfully Submitted,

Mark Mitchell
Fire Chief / Ambulance Director

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The Port Washington Fire Department placed two new apparatus in service in 2014. Pictured here is the new paramedic intercept vehicle, Medic 455, a 2014 Chevy Suburban. On the report's cover is the department's new heavy duty / dive rescue vehicle, Squad 453, a 2014 Pierce Arrow XT.

I. 2014 FIRE RESPONSES

The Port Washington Fire Department participates in the National Fire Incident Reporting System (NFIRS). This system is a uniform reporting system that categorizes fire responses into the categories listed. To aid in the gathering of data, the department utilizes *FIREHOUSE Software™*. Fire reports are sent electronically to the National Fire Administration on a monthly basis.

A. FIRE RESPONSE BY INCIDENT TYPE

<u>1. FIRES / 2. EXPLOSIONS</u>	<u>NUMBER</u>	<u>EST. DOLLAR LOSS</u>
BUILDING	4	\$ 29,100
OUTSIDE EQUIPMENT	1	\$ 35,000
VEHICLE	8	\$ 24,500
BRUSH/GRASS	2	\$ 0
TRASH & OTHER	4	\$ 1,900
TOTAL FIRE	19	\$ 90,500
<u>3. RESCUE</u>		
ASSIST EMS CREW	26	
WATER RESCUE	1	
ELEVATOR RESCUE	4	
MOTOR VEHICLE ACCIDENT	18	
TOTAL RESCUE	49	
<u>4. HAZARDOUS CONDITIONS</u>		
FLAMMABLE/COMBUSTIBLE LEAK/SPILL	14	
CARBON MONOXIDE INCIDENT	3	
ELECTRICAL HAZARD	13	
OTHER HAZARDS	1	
TOTAL HAZARD	31	
<u>5. SERVICE / 6. GOOD INTENT</u>		
SMOKE/ODOR INVESTIGATIONS	6	
ASSIST POLICE	2	
WATER LEAK/PROBLEM	4	
MUTUAL AID	26	
OTHER	4	
TOTAL SERVICE/GOOD INTENT	42	
<u>7. FALSE ALARMS</u>		
MALICIOUS	6	
SYSTEM MALFUNCTION	27	
UNINTENTIONAL	33	
CARBON MONOXIDE ALARMS (No CO)	12	
TOTAL FALSE ALARMS	81	
<u>8. SEVERE WEATHER</u>		
LIGHTNING STRIKE (NO FIRE)	1	\$ 8,000
TOTAL SEVERE WEATHER	1	\$ 8,000
TOTAL FIRE RESPONSES - INCIDENT TYPE = 220		
TOTAL ESTIMATED DOLLAR LOSS =		\$ 98,500

B. FIRE RESPONSES BY PROPERTY TYPE

100. ASSEMBLY

CHURCHES	8
GOVERNMENT BUILDING	1
LIBRARY / MUSEUM / THEATER	2
RESTAURANT / BAR / TAVERN	3
TOTAL ASSEMBLY	14

200. EDUCATIONAL

HIGH SCHOOL	2
ELEMENTARY SCHOOLS	3
TOTAL EDUCATIONAL	5

300. HEALTH CARE

NURSING HOMES	10
TOTAL HEALTH CARE	10

400. RESIDENTIAL

1 OR 2 FAMILY DWELLINGS	69
MULTI FAMILY DWELLING	44
HOTEL	2
COMMUNITY BASED RESIDENTIAL FACILITY	1
TOTAL RESIDENTIAL	116

500. MERCHANTILE / BUSINESS

BANK	2
GAS STATION	3
BUSINESS	4
TOTAL MERCHANTILE / BUSINESS	9

600. INDUSTRIAL / 700. MANUFACTURING

INDUSTRIAL / UTILITY	2
MANUFACTURING / PROCESSING	8
TOTAL INDUSTRIAL / MANUFACTURING	10

800. STORAGE

WAREHOUSE	4
VEHICLE STORAGE	1
FIRE STATION (MUTUAL AID)	5
TOTAL STORAGE	10

900. OUTSIDE & SPECIAL PROPERTY

OPEN LAND / FIELD / BLUFF	7
WATER AREA	5
VEHICLE PARKING AREA	2
RAILROAD RIGHT OF WAY	1
DIVIDED HIGHWAY	12
POWERLINE RIGHT-OF WAY	7
RESIDENTIAL / COMMERCIAL STREETS	12
TOTAL OUTSIDE & SPECIAL	46

TOTAL RESPONSES BY PROPERTY TYPE = 220

C. FIRE RESPONSES BY MONTH

JANUARY	26
FEBRUARY	17
MARCH	18
APRIL	16
MAY	19
JUNE	31
JULY	25
AUGUST	25
SEPTEMBER	10
OCTOBER	11
NOVEMBER	17
DECEMBER	5
TOTAL	220

D. FIRE RESPONSES BY DAY

SUNDAY	27
MONDAY	38
TUESDAY	29
WEDNESDAY	34
THURSDAY	32
FRIDAY	30
SATURDAY	30
TOTAL	220

E. FIRE RESPONSES BY HOUR

MIDNIGHT – 6:00 a.m.	31
6:00 a.m. – 12:00 p.m.	61
12:00 p.m. – 6:00 p.m.	73
6:00 p.m. – MIDNIGHT	55
TOTAL	220

F. FIRE RESPONSES BY AREA

CITY of PORT WASHINGTON	159
TOWN of PORT WASHINGTON	33
VILLAGE/TOWN of SAUKVILLE	2
VILLAGE/TOWN of GRAFTON	16
VILLAGE/TOWN of BELGIUM	2
CITY of MEQUON	4
CITY/TOWN of CEDARBURG	4
TOTAL	220

G. FIRE RESPONSES BY FIRE SQUAD

CHIEF OFFICER ONLY	49
FIRE SQUAD 1	10
FIRE SQUAD 2	7
FIRE SQUAD 3	9
ENTIRE DEPARTMENT	145
TOTAL	220

II. 2014 AMBULANCE RESPONSES

The City of Port Washington contracts with *EMS Medical Billing*, an ambulance billing, collection, and data management service. *EMS Medical Billing* submits a comprehensive Response Report each year. To further aid in the gathering of data, the department also utilizes *FIREHOUSE Software™*. The data listed below is a culmination of data from both sources. The department transmits patient data to the State of Wisconsin, Department of Health, through the statewide data collection program, *WARDS*, Wisconsin Ambulance Run Data System.

A. AMBULANCE RESPONSES BY NATURE

	<u>RESPONSES</u>
CARDIAC	159
MEDICAL	612
MOTOR VEHICLE ACCIDENT	28
TRAUMA	269
OVERDOSE / POISONING	27
FALSE ALARMS	20
OTHER	22
TOTAL	1,147

B. AMBULANCE RESPONSES BY MONTH

JANUARY	106
FEBRUARY	99
MARCH	90
APRIL	90
MAY	89
JUNE	89
JULY	114
AUGUST	83
SEPTEMBER	104
OCTOBER	85
NOVEMBER	98
DECEMBER	100
TOTAL	1,147

C. AMBULANCE RESPONSES BY DAY

SUNDAY	146
MONDAY	152
TUESDAY	166
WEDNESDAY	182
THURSDAY	179
FRIDAY	156
SATURDAY	166
TOTAL	1,147

D. AMBULANCE RESPONSES BY HOUR

MIDNIGHT – 6:00 a.m.	167
6:00 a.m. – 12:00 p.m.	360
12:00 p.m. – 6:00 p.m.	372
6:00 p.m. – MIDNIGHT	248
TOTAL	1,147

E. AMBULANCE RESPONSES BY AREA

CITY of PORT WASHINGTON	692
TOWN of PORT WASHINGTON	64
VILLAGE / TOWN of BELGIUM	83
CITY of CEDARBURG	3
VILLAGE of CEDAR GROVE	4
VILLAGE / TOWN of FREDONIA	45
VILLAGE / TOWN of GRAFTON	107
NEWBURG F.D. AMBULANCE AREA	5
VILLAGE of OOSTBURG	4
VILLAGE of RANDOM LAKE	12
VILLAGE / TOWN of SAUKVILLE	104
WAUBEKA F.D. AMBULANCE AREA	24
TOTAL	1,147

F. 1ST CALLS vs. 2ND & 3RD CALLS (simultaneous calls)

1 ST AMBULANCE CALLS	774
2 ND AMBULANCE CALLS	61
3 RD AMBULANCE CALLS	4
PARAMEDIC INTERCEPT CALLS	308
TOTAL	1,147

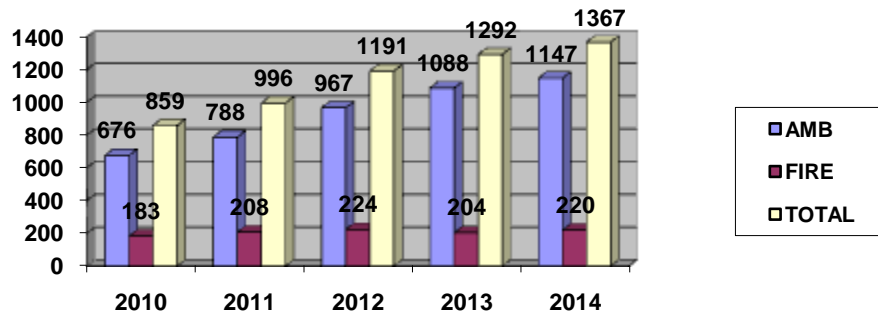
G. ALL PATIENTS BY AGE

	MALE	FEMALE
0-9 y/o	14	17
10-19 y/o	18	23
20-29 y/o	33	27
30-39 y/o	39	42
40-49 y/o	58	52
50-59 y/o	62	74
60-69 y/o	79	72
70-79 y/o	57	78
80-89 y/o	85	97
90-99 y/o	23	39
100+ y/o	0	0
TOTAL = 989 =	468	521

H. HOSPITALS RECEIVING PATIENTS

AURORA - GRAFTON	628	63.49%
COLUMBIA ST. MARY'S – MEQUON	263	26.59%
FROEDERT – WAUWATOSA	8	0.81%
CHILDREN'S HOSPITAL - WAUWATOSA	19	1.92%
AURORA SINAI - MILWAUKEE	1	0.11%
COLUMBIA ST. MARY'S – MILWAUKEE	1	0.11%
ST. JOSEPH'S - WEST BEND	5	0.50%
PATIENTS NOT TRANSPORTED	64	6.47%
TOTAL	989	100%

5 YEAR COMPARISON



III. FIRE PREVENTION ACTIVITIES

The most important non-emergency function a fire department can do for its community is to promote fire prevention. Fire prevention activities are divided between fire inspections, fire investigations, and public fire education.

FIRE INSPECTIONS

There are 681 addresses, or properties, that are inspected by the Port Washington Fire Department each year, with most being inspected twice a year. Every building in the City and Town of Port Washington, with the exception of single family and two family dwellings, is inspected. Many of the buildings have multiple addresses due to mixed occupancies.

The fire inspections completed during 2014 were done by Chief Mitchell. One thousand ninety three (1,093) fire inspections were done during this period. Five hundred sixty (560) apparent violations were noted. Of the 560 violations noted, 522 violations, or 93%, were corrected within the inspection period. The remaining violations were corrected in the first months in 2015.

Another branch of fire prevention is the testing and inspection of new fire sprinkler systems and new fire alarm systems. Owners of the buildings, where these systems are located, must furnish the fire department with plans of the systems for review. Once these systems are in place, testing, witnessed by the fire department, must be complete before occupancy is given. In 2014, tests for six new fire alarm or fire suppression systems were witnessed.

FIRE INVESTIGATIONS

Fire investigations are coordinated by Captain Kevin Ward. The cause and origin of four structure fires, eight vehicle fires, and one outside equipment fire were investigated in 2014. The causes of the four structure fires were as follows: (1) incendiary, (1) careless plumber, and (2) careless material handling. The cause of the eight vehicle fires were as follows: (4) mechanical, (1) incendiary, (2) poor maintenance, and (1) improper storage of an ignition source. The one outside equipment fire was incendiary in nature.

PUBLIC FIRE EDUCATION

Public Fire Education has the largest impact on a community's fire prevention program. A great deal of time is spent educating children with hopes that they will carry fire safety messages throughout their lives. The Port Washington Fire Department has an active public fire education program coordinated by Assistant Chief Steve Schmidt. The department uses educational handout materials provided by the *National Fire Protection Association*. Elementary school children in grades K-2, as well as pre-school children throughout Port Washington, are taught age appropriate fire safety education.

To reach the adult population, the fire department conducts an annual Open House during Fire Prevention Week in October. Fire safety educational materials are available to the attendees, as well as hands-on fire extinguisher training. The department also participates in a national fire safety program, **“Change Your Clocks – Change Your Smoke Detector Batteries”**. This program is promoted twice a year to remind people to replace the batteries in their smoke alarms when changing their clocks in the spring and the fall.

The following is a breakdown of public fire education contacts and programs done in 2014:

<u>GROUP or PROGRAM</u>	<u>ATTENDEES</u>	<u>FD PERSONNEL INVOLVEMENT</u>
SAFETY TOWN (Pre-K)	54	7
P.W.P.D. BIKE RODEO	70	4
COMMUNITY LEARNING CENTER (Pre-School)	50	1
STATION TOURS	34	NUMEROUS
CIVIC GROUP TALKS	62	3

FIRE PREVENTION WEEK - SCHOOL VISITS OR VISITS TO THE FIRE STATION

DUNWIDDIE K-2	193	4
LINCOLN K-2	229	5
PORT CATHOLIC pre K-2	84	3
PORT PRE-SCHOOL	40	2
ST. MATHEW'S PRE-SCHOOL	26	1
FIRE DEPARTMENT OPEN HOUSE	1,000 (approx.)	39
SCHOOL FIRE DRILLS (3)	MANY	1

The 2014 Fire Prevention Week Open House was held on October 5. Picture perfect weather brought an estimated 1,000 people. Pictured here are some of the many attendees who participated in one of the many attractions offered.



IV. PERSONNEL & TRAINING

A. PERSONNEL

The Port Washington Fire Department had sixty-two personnel as of December 31, 2014. The following personnel were hired in 2014: EMT-B Heather Adams, EMT-IT Joanne Godersky, FF Ryan Lanser, EMT-P Steven McGaughey, FF Kevin Riley, EMT-B Jonathan Scheel, FF Jason Weis, and Susan Ziegler. The following personnel left the department in 2014: Lt. / EMT-P Brandon Gregozeski (Resigned), EMT-B Ashly Koller (Resigned), EMT-IT David Luft (Resigned), FF/EMT-IT Sheila Rotta (Resigned), EMT-P Tom Schoofs (Resigned), EMT-IT Andrew Siirila (Resigned), EMT-P Nicholas Simpson (Resigned), and Lt. James Sternemann (Retired). On a sad note, the department lost Engineer DuWayne Demge, a 31 year veteran, to a four year battle with cancer.

NAME		RANK	YRS	NAME		RANK	YRS
Adams	Brooke	FF	2	Lanser	Adam	FF	8
Adams	Heather	EMT-B	-	Lanser	Ryan	FF	-
Bach, Sr.	James	Rescue Diver	4	Lathrop	Rick	FF	4
Barbuch	Maribeth	EMS Lt. / EMT-P	13	Leasum	Charles	FF	2
Cehanovich	Dan	EMT-B	11	McGaughey	Steven	EMT-P	-
Cehanovich	Rachelle	EMT-IT	9	Mitchell	Mark	Fire Chief	10
Chaloupka	Roland	Rescue Diver	33	Murphy	Dan	EMT-P	3
Cross	Sue	EMT-B	2	Peters	Nick	EMT-P	2
DeBoer	Joseph	LT. / EMT-P	10	Pipkorn	John	EMT-P	3
Dicker	Todd	Engineer / EMT-P	2	Poggemann	Eric	Rescue Diver	2
Didier	Michael	Engineer	21	Polgar	Jill	FF/EMT-B	2
Doers	Glenn	Deputy Chief	10	Prellwitz	Colette	EMT-IT	7
Dudash	Kristin	Asst. Engineer / EMT-IT	11	Reed	Tim	Amb. Driver	8
Edminster	Jennifer	FF / EMT-B	1	Riley	James	Deputy Chief / EMT-IT	37
Eibs	Amanda	EMT-B	1	Riley	Kevin	FF	-
Eibs	Eric	EMT-B	15	Savatski	Matt	FF / Rescue Diver	2
Eibs	Mike	EMT-B	2	Scheel	Jonathan	EMT-B	-
Eulberg	Jeanella	EMT-IT	2	Schmidt	Steven	Assistant Chief	34
Flannery	Darin	Engineer	9	Schultz	Lori	EMT-IT	7
Godersky	Joanne	EMT-IT	-	Sharbuno	Thomas	Deputy Chief	32
Grittner	Michael	FF	1	Theis	Lisa	Admin. Asst./ EMT-B	2
Haas	Gerald	Engineer	16	Tiegs	Nathan	Asst Engineer / EMT-B	1
Heinen	Barb	EMT-IT	3	Tietyen	Jeffrey	Engineer	28
Hemming	Jacob	FF / EMT-B	2	Travis	Oliver	Engineer	31
Heston	Chris	FF	4	Ulm	Stephen	Captain	16
Hill	Eric	FF / Rescue Diver	6	Ward	Kevin	Captain	32
Jajtner	Michael	Rescue Diver / Team Leader	16	Weis	Jason	FF	-
Klopp	Andrew	Asst. Engineer	6	Weiss	Joseph	Rescue Diver	34
Klopp	Paul	FF	4	Zeigler	Scott	LT. / EMT-B	2
Knight	Freya	EMT-P	1	Zeigler	Susan	EMT-B	-
Kultgen	Richard	LT. / Rescue Diver	8				
Langford	James	Captain / Rescue Diver	21				

EMT-B = Emergency Medical Technician-Basic

EMT-IT = Emergency Medical Technician-Intermediate

EMT-P = Emergency Medical Technician-Paramedic

B. TRAINING

Deputy Chief Glenn Doers coordinates fire training, and EMS training is coordinated by Lt. / EMT-Paramedic Joe DeBoer. Fire and Engineer practices are held on Monday nights each month. A minimum of sixty hours per year of fire training is required of each firefighter. EMS personnel are required to attend a minimum of six EMS training sessions per year and a 40-hour EMT refresher class every two years. EMS practice is held one night per month, as well as some joint fire/EMS drills throughout the year. The department's Rescue Dive Team holds two practices per month. Most of the practices are actual "in-water" drills in Lake Michigan, the Harrington Beach quarry, or the pool at T.J. Middle School. All three department components, Fire, EMS, and Rescue Dive interact during joint training sessions throughout the year.

The following training hours were recorded in 2014:

Fire and Engineer - 3492 hours

Rescue Dive Team - 642 hours

EMS - 1,299 hours

The following specialized training was completed in 2014:

CERTIFIED FIRE FIGHTER II (60 hours): J. DeBoer, J. Hemming, R. Kultgen, A. Lanser, R. Lathrop, and C. Leasum.

DRIVER / OPERATOR - AERIAL (60 hours): N. Tiegs

EMT-B (180 hours) – H. Adams, J. Edminster, J. Hemming, J. Scheel, and Susan Ziegler

Emergency Response Diver (32 hours) – Jim Bach and Eric Poggemann

C. RESCUE DIVE TEAM

The department's Rescue Dive Team is coordinated by Team Leader Mike Jajtner and currently has nine members. The team logged over 642 hours in training in 2014, most of it underwater. Over the course of the last three years, the department was successful in obtaining \$60,295 in FEMA Port Security grant funding for the purchase of new equipment to outfit each team member with an entire dive ensemble. New SCUBA tanks will be purchased in 2015 and will complete the transformation from equipment that was once all personally owned, to equipment that is all Department owned and maintained.



The Rescue Dive Team conducts an ice dive annually at Harrington Beach State Park in the Town of Belgium. This year's dive was also a joint training session with the Belgium and Fredonia Fire Departments. The photo on the left shows Rescue Divers Rick Kultgen (left) and Jim Bach preparing to "go under the ice". The photo on the right shows another Port Scubaman ready to descend into the depths of Quarry Lake. Photos by Eric Poggemann and Jim Bach.

V. APPARATUS

The Port Washington Fire Department's apparatus fleet is maintained under the direction of Assistant Chief Steve Schmidt. The staff consists of six Engineers and three Assistant Engineers, all of whom do a superb job to make sure all the fire and EMS vehicles are ready to respond in the event of an emergency. Each Engineer and Assistant Engineer is assigned two pieces of apparatus for maintenance purposes, but all nine are capable of driving and operating the entire fleet of apparatus. The department has a separate training night for Engineers, Assistant Engineers and any department member interested in the driving and operation of the department's vehicles. In 2014, 439 hours of Engineer training were recorded.

Weekly and monthly inspections are performed on each vehicle and preventive maintenance is done as needed. All vehicles receive annual maintenance in January that consists of oil and filter changes, lubrication, and other important services. In addition, annual fire pump testing is done in October on each apparatus equipped with a fire pump. Ground ladders and the department's aerial tower are tested each spring. Below is the current roster of apparatus for the Port Washington Fire Department.

<u>UNIT #</u>	<u>TYPE</u>	<u>YEAR</u>	<u>MAKE & CHASSIS</u>	<u>2014 RESPONSES</u>	<u>TOTAL MILEAGE</u>	<u>2014 MILEAGE</u>	<u>CONDITION</u>
450	AMBULANCE	2008	FORD/MEDTEC	260	44,257	5,042	VERY GOOD
451	AMBULANCE	2003	FORD/LIFELINE (93)	84	72,591	1,691	GOOD
452	AMBULANCE	2012	FORD/MEDTEC	587	28,084	10,378	EXCELLENT
453	HEAVY RESCUE	2014	PIERCE ARROW XT	11	1,338	1,338	NEW
454	ALL TERRAIN	2005	POLARIS 6x6	7	130 hrs.	15.5 hrs.	EXCELLENT
455	PARAMEDIC INTERCEPT	2014	CHEVY SUBURBAN	183	5,660	5,660	NEW
456	COMMAND	2013	CHEVY SUBURBAN	138	20,211	9,911	EXCELLENT
457	BRUSH TRUCK	1992	CHEVY 4x4	10	13,287	182	GOOD
460	AERIAL TOWER	1997	PIERCE LANCE	10	9,798	548	VERY GOOD
462	ENGINE	1993	PIERCE DASH	4	22,942	354	GOOD
463	ENGINE	2008	PIERCE DASH	10	5,066	758	EXCELLENT
464	ENGINE	1999	PIERCE SABER	7	11,131	313	VERY GOOD
465	ENGINE	2006	PIERCE DASH	95	10,755	1,384	VERY GOOD
467	TANKER	1986	FORD/WELCH	5	9,107	182	FAIR
468	RESCUE DIVE BOAT	2013	JP MARINE 17'	3			EXCELLENT
469	FIRE BOAT	2010	BOSTON WHALER 25'	2			EXCELLENT
499	UTILITY	2001	CHEVY MINI VAN	Non-emergency vehicle	72,482	267	GOOD

