



2015 ANNUAL REPORT
PORT WASHINGTON
FIRE DEPARTMENT



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

March 14, 2016

Police and Fire Commissioners
Mayor Mlada
Common Council Members

On behalf of the members of the Port Washington Fire Department, I am pleased to present the Fire Department's Annual Report for 2015. The department responded to 1,334 emergency requests for service in 2015. This was a decrease of thirty three responses from the 1,367 emergency responses in 2014. Of these 1,334 requests, 204 were fire responses and 1,130 were for Emergency Medical Services.

The department responded to two significant structure fires in 2015. These fires resulted in no loss of life to either firefighters or civilians, but one firefighter did sustain an injury. A fire loss of \$171,600 was estimated in 2015. This compares to an estimated \$98,500 loss in 2014.

The members of the Port Washington Fire Department, who I might add have 543 combined years on the force, are dedicated to serving our citizens and visitors. They willingly give their time and efforts to make our city a better and safer place to live, work, and visit. We look forward to serving the citizens of Port Washington in 2016 and beyond.

Respectfully Submitted,

Mark Mitchell

Mark Mitchell
Fire Chief / Ambulance Director

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Cover photo: The Port Washington Fire Department participated in an “oil boom” drill with Ozaukee County Emergency Management and the United States Coast Guard in the summer of 2014. The drill was held in the west channel of the harbor opposite Coal Dock Park. The drill simulated an oil spill in the harbor and the actions that would be taken by all parties mentioned to contain and mitigate the spill. Although the drill was held in 2014, photos of the drill were just obtained, and the cover photo is a shot of both P.W.F.D. Marine units working together with Ozaukee County Boat 9600 to deploy the yellow boom equipment. The boom equipment was donated by the U.S.C.G. to Ozaukee County. (Nancy Greifenhagen photo)



The Port Washington Fire Department participated in a tribute, during the funeral procession for Port Washington High School alumnus, Marine Staff Sgt. Kerry Kemp. Kemp was killed during a helicopter training exercise in March 2015. P.W.F.D. Ladder 460 (left), along with Mequon F.D. Truck 960, hoisted an American flag, provided by the Cedarburg Fire Department, for the procession to drive under enroute to St. Mary’s cemetery. (Rick Nelson photo)

I. 2015 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	8	\$ 157,000
OUTSIDE EQUIPMENT	2	\$ 8,000
VEHICLE	2	\$ 6,600
BRUSH/GRASS	4	\$ 0
TRASH & OTHER	2	\$ 0
TOTAL FIRE	18	\$ 171,600
<u>3. RESCUE</u>		
ASSIST EMS CREW	20	
WATER RESCUE	1	
ELEVATOR RESCUE	2	
MOTOR VEHICLE ACCIDENT	22	
TOTAL RESCUE	45	
<u>4. HAZARDOUS CONDITIONS</u>		
FLAMMABLE/COMBUSTIBLE LEAK/SPILL	11	
CARBON MONOXIDE INCIDENT	6	
ELECTRICAL HAZARD	6	
OTHER HAZARDS	2	
TOTAL HAZARD	25	
<u>5. SERVICE / 6. GOOD INTENT</u>		
SMOKE/ODOR INVESTIGATIONS	9	
ASSIST POLICE	1	
WATER LEAK/PROBLEM	1	
MUTUAL AID	28	
OTHER	3	
TOTAL SERVICE/GOOD INTENT	42	
<u>7. FALSE ALARMS</u>		
MALICIOUS	4	
SYSTEM MALFUNCTION	24	
UNINTENTIONAL	30	
CARBON MONOXIDE ALARMS (No CO)	15	
TOTAL FALSE ALARMS	73	
<u>8. SEVERE WEATHER</u>		
LIGHTNING STRIKE (NO FIRE)	1	\$ 100
TOTAL SEVERE WEATHER	1	\$ 100
TOTAL FIRE RESPONSES - INCIDENT TYPE = 204		
TOTAL ESTIMATED DOLLAR LOSS =		\$ 171,700

B. FIRE RESPONSES BY PROPERTY TYPE

100. ASSEMBLY

CHURCHES	6
LIBRARY / MUSEUM / THEATER	1
RESTAURANT / BAR / TAVERN	1
TOTAL ASSEMBLY	8

200. EDUCATIONAL

HIGH SCHOOL	2
TOTAL EDUCATIONAL	2

300. HEALTH CARE

NURSING HOMES	11
TOTAL HEALTH CARE	11

400. RESIDENTIAL

1 OR 2 FAMILY DWELLINGS	64
MULTI FAMILY DWELLING	46
HOTEL	1
COMMUNITY BASED RESIDENTIAL FACILITY	1
TOTAL RESIDENTIAL	112

500. MERCHANTILE / BUSINESS

BANK	1
RETAIL STORE	5
BUSINESS	3
TOTAL MERCHANTILE / BUSINESS	9

600. INDUSTRIAL / 700. MANUFACTURING

MANUFACTURING / PROCESSING	3
TOTAL INDUSTRIAL / MANUFACTURING	3

800. STORAGE

WAREHOUSE	6
AGRICULTURE STORAGE	3
VEHICLE STORAGE	1
FIRE STATION (MUTUAL AID)	2
TOTAL STORAGE	12

900. OUTSIDE & SPECIAL PROPERTY

OPEN LAND / FIELD / BLUFF	2
WATER AREA	6
VEHICLE PARKING AREA	2
INDUSTRIAL YARD	1
DIVIDED HIGHWAY	9
POWERLINE RIGHT-OF WAY	2
RESIDENTIAL / COMMERCIAL STREETS	25
TOTAL OUTSIDE & SPECIAL	47

TOTAL RESPONSES BY PROPERTY TYPE = 204

C. FIRE RESPONSES BY MONTH

JANUARY	12
FEBRUARY	17
MARCH	19
APRIL	16
MAY	15
JUNE	16
JULY	19
AUGUST	35
SEPTEMBER	16
OCTOBER	11
NOVEMBER	13
DECEMBER	15
TOTAL	204

D. FIRE RESPONSES BY DAY

SUNDAY	23
MONDAY	32
TUESDAY	23
WEDNESDAY	30
THURSDAY	39
FRIDAY	21
SATURDAY	36
TOTAL	204

E. FIRE RESPONSES BY HOUR

MIDNIGHT – 6:00 a.m.	26
6:00 a.m. – 12:00 p.m.	65
12:00 p.m. – 6:00 p.m.	71
6:00 p.m. – MIDNIGHT	42
TOTAL	204

F. FIRE RESPONSES BY AREA

CITY of PORT WASHINGTON	150
TOWN of PORT WASHINGTON	23
VILLAGE/TOWN of SAUKVILLE	4
VILLAGE/TOWN of GRAFTON	14
VILLAGE/TOWN of FREDONIA	4
VILLAGE/TOWN of BELGIUM	3
CITY of MEQUON	2
CITY/TOWN of CEDARBURG	1
VILLAGE OF NEWBURG	3
TOTAL	204

G. FIRE RESPONSES BY FIRE SQUAD

CHIEF OFFICER ONLY	45
FIRE SQUAD 1	14
FIRE SQUAD 2	6
FIRE SQUAD 3	8
RESCUE DIVE TEAM	1
ENTIRE DEPARTMENT	130
TOTAL	204

II. 2015 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	129
MEDICAL	594
MOTOR VEHICLE ACCIDENT	60
TRAUMA	256
OVERDOSE / POISONING	37
FALSE ALARMS	14
OTHER	40
TOTAL	1,130

B. AMBULANCE RESPONSES BY MONTH

JANUARY	96
FEBRUARY	90
MARCH	86
APRIL	79
MAY	95
JUNE	90
JULY	75
AUGUST	117
SEPTEMBER	102
OCTOBER	96
NOVEMBER	99
DECEMBER	105
TOTAL	1,130

C. AMBULANCE RESPONSES BY DAY

SUNDAY	142
MONDAY	172
TUESDAY	177
WEDNESDAY	156
THURSDAY	160
FRIDAY	148
SATURDAY	175
TOTAL	1,130

D. AMBULANCE RESPONSES BY HOUR

MIDNIGHT – 6:00 a.m.	156
6:00 a.m. – 12:00 p.m.	355
12:00 p.m. – 6:00 p.m.	361
6:00 p.m. – MIDNIGHT	258
TOTAL	1,130

E. AMBULANCE RESPONSES BY AREA

CITY of PORT WASHINGTON	745
TOWN of PORT WASHINGTON	75
VILLAGE / TOWN of BELGIUM	85
VILLAGE of CEDAR GROVE	4
VILLAGE / TOWN of FREDONIA	35
VILLAGE / TOWN of GRAFTON	30
NEWBURG F.D. AMBULANCE AREA	10
VILLAGE of OOSTBURG	8
VILLAGE of RANDOM LAKE	7
VILLAGE / TOWN of SAUKVILLE	112
WAUBEKA F.D. AMBULANCE AREA	19
TOTAL	1,130

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

1 ST AMBULANCE CALLS	849
2 ND AMBULANCE CALLS	58
3 RD AMBULANCE CALLS	1
PARAMEDIC INTERCEPT CALLS	222
TOTAL	1,130

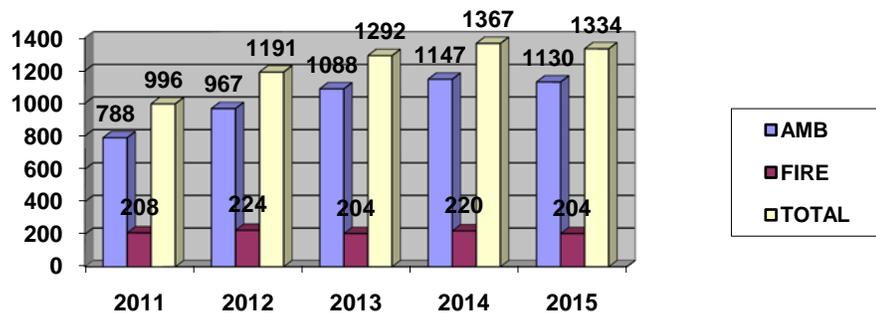
G. ALL PATIENTS BY AGE

	MALE	FEMALE
0-9 y/o	14	12
10-19 y/o	16	22
20-29 y/o	34	33
30-39 y/o	40	45
40-49 y/o	63	70
50-59 y/o	62	88
60-69 y/o	67	69
70-79 y/o	51	91
80-89 y/o	89	94
90-99 y/o	31	38
100+ y/o	0	2
TOTAL = 1,031 =	467	564

H. HOSPITALS RECEIVING PATIENTS

AURORA - GRAFTON	657	63.72%
COLUMBIA ST. MARY'S - MEQUON	233	22.60%
FROEDERT - WAUWATOSA	4	0.39%
CHILDREN'S HOSPITAL - WAUWATOSA	5	0.48%
AURORA SINAI - MILWAUKEE	2	0.20%
ST. JOSEPH'S - WEST BEND	2	0.20%
PATIENTS NOT TRANSPORTED	128	12.41%
TOTAL	1,031	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 689 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 2015 were done by Chief Mitchell and Assistant Chief Schmidt. One thousand ninety three (1,093) fire inspections were done during this period. Three hundred sixty two (362) apparent violations were noted. Of the 362 violations noted, all were corrected within the inspection period.

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 2015, 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 nine structure fires, two vehicle fires, and two outside equipment fire were investigated in 2015. The causes of the nine structure fires were as follows: (3) mechanical, (3) electrical, (1) overloaded clothes dryer and (2) lightning strike. The cause of the two vehicle fires were as follows: (1) hot exhaust causing a grass fire which then started the vehicle on fire, and (1) traffic collision. The two outside equipment fires were: (1) unattended burning, and (1) an exposure to the vehicle fire listed above.

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 2015:

<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
<u>FIRE PREVENTION WEEK - SCHOOL VISITS OR VISITS TO THE FIRE STATION</u>		
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 2015 Fire Prevention Week Open House was held on October 5. Another fantastic weather day brought an estimated 1,000 people. Pictured here are some of the many attendees who participated in one of the many attractions offered.



PORT WASHINGTON FIRE/EMS ASSOCIATION, INC.

The Port Washington Fire/EMS Association is a fundraising organization made up of members of the fire department. The Association's biggest fundraiser each year is a pancake breakfast (bottom right photo) held in conjunction with the Department's Annual Fire Prevention Week Open House. Each year, the Association endows a scholarship for a graduating Port Washington High School senior who will be pursuing a degree in firefighting or Emergency Medical Services. The Association also makes donations to other local organizations and conducts an annual "Fill The Boot" drive for the Muscular Dystrophy Association.

IV. PERSONNEL & TRAINING

A. PERSONNEL

The Port Washington Fire Department had fifty-seven personnel as of December 31, 2015. The following personnel were hired in 2015: EMT-B Zach Affeldt, FF/EMT-P Jake Henckel, FF Michael Kiener, and EMT-P Josh Van Natta. The following personnel left the department in 2015: FF Brooke Adams (Resigned), FF/EMT-B Jennifer Edminster (Resigned), AEMT Jeanella Eulberg (Resigned), Engineer Darin Flannery (Resigned), EMT-B Barb Heinen (Resigned), FF Chris Heston (Resigned), FF Paul Klopp (Resigned), EMT-P Dan Murphy (Resigned), Rescue Diver Joseph Weiss (Retired).

NAME		RANK	YRS	NAME		RANK	YRS
Adams	Heather	EMT-B	1	Lathrop	Rick	FF	5
Affeldt	Zach	EMT-B	-	Leasum	Charles	FF	3
Bach, Sr.	James	Rescue Diver	5	Ludeman	Freya	EMT-P	2
Barbuch	Maribeth	EMS Lt. / EMT-P	14	McGaughey	Steven	EMT-P	1
Cehanovich	Dan	EMT-B	12	Mitchell	Mark	Fire Chief	11
Cehanovich	Rachelle	AEMT	10	Peters	Nick	EMT-P	3
Chaloupka	Roland	Rescue Diver	34	Pipkorn	John	EMT-P	4
Cross	Sue	EMT-B	3	Poggemann	Eric	Rescue Diver	3
DeBoer	Joseph	LT. / EMT-P	11	Polgar	Jill	FF/EMT-B	3
Dicker	Todd	Engineer / EMT-P	3	Prellwitz	Colette	AEMT	8
Didier	Michael	Engineer	22	Reed	Tim	Amb. Driver	9
Doers	Glenn	Deputy Chief	11	Riley	James	Deputy Chief / AEMT	38
Dudash	Kristin	Asst. Engineer / AEMT	12	Riley	Kevin	FF	1
Eibs	Amanda	EMT-B	2	Savatski	Matt	FF / Rescue Diver	3
Eibs	Eric	EMT-B	16	Scheel	Jonathan	EMT-B	1
Eibs	Mike	EMT-B	3	Schmidt	Steven	Assistant Chief	35
Godersky	Joanne	AEMT	1	Schultz	Lori	AEMT	8
Grittner	Michael	FF	2	Sharbuno	Thomas	Deputy Chief	33
Haas	Gerald	Engineer	17	Theis	Lisa	Admin. Asst./ EMT-B	3
Hemming	Jacob	FF / EMT-P	3	Tiegs	Nathan	Asst Engineer / EMT-B	2
Henckel	Jacob	FF / EMT-P	-	Tietyen	Jeffrey	Engineer	29
Hill	Eric	FF / Rescue Diver	7	Travis	Oliver	Engineer	32
Jajtner	Michael	Rescue Diver / Team Leader	17	Ulm	Stephen	Captain	17
Kiener	Michael	FF	-	Van Natta	Josh	EMT-P	-
Klopp	Andrew	Asst. Engineer	7	Ward	Kevin	Captain	33
Kultgen	Richard	LT. / Rescue Diver	9	Weis	Jason	FF	1
Langford	James	Captain / Rescue Diver	22	Zeigler	Scott	LT. / EMT-B	3
Lanser	Adam	FF	9	Zeigler	Susan	EMT-B	1
Lanser	Ryan	FF	1				

EMT-B = Emergency Medical Technician-Basic

AEMT= Emergency Medical Technician-Advanced

EMT-P = Emergency Medical Technician-Paramedic

FF = Firefighter

B. TRAINING

Deputy Chief Glenn Doers coordinates fire training, and EMS training is coordinated by EMS Lt. Maribeth Barbuch and 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 2015:

Fire and Engineer – 2,881 hours

Rescue Dive Team - 523 hours

EMS - 1,290 hours

The following specialized training was completed in 2015:

CERTIFIED FIRE FIGHTER I (120 hours): Michael Kiener and Kevin Riley

CERTIFIED FIRE FIGHTER II (60 hours): Michael Kiener and Kevin Riley

CERTIFIED FIRE INSPECTOR (64 hours): Steve Schmidt

EMERGENCY SERVICES INSTRUCTOR I (40 hours): Jim Langford and Steve Ulm

C. RESCUE DIVE TEAM

The department's Rescue Dive Team is coordinated by Team Leader Mike Jajtner and currently has eight members, with a ninth in training. The team logged over 523 hours in training in 2015, 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. The last of that equipment, new SCUBA tanks, were purchased and placed in service in 2015.



The Rescue Dive Team conducts annual ice rescue training at Harrington Beach State Park in the Town of Belgium. 2015's session was also a joint training drill with the Belgium Fire Department, who had a chance to practice with their ice rescue boat. These photos, by Dive Team member Jim Bach, show how the rescue boat approaches the victim and is able to "scoop" the victim out of the icy water.

V. APPARATUS

The Port Washington Fire Department's apparatus fleet is maintained under the direction of Assistant Chief Steve Schmidt. The staff consists of five 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 2015, 184 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>2015 RESPONSES</u>	<u>TOTAL MILEAGE</u>	<u>2015 MILEAGE</u>	<u>CONDITION</u>
450	AMBULANCE	2008	FORD/MEDTEC	440	51176	6,919	VERY GOOD
451	AMBULANCE	2003	FORD/LIFELINE (93)	9	72,720	129	FAIR
452	AMBULANCE	2012	FORD/MEDTEC	442	35,468	7,384	EXCELLENT
453	HEAVY RESCUE	2014	PIERCE ARROW XT	11	1,765	427	EXCELLENT
454	ALL TERRAIN	2005	POLARIS 6x6	2	135.1 hrs.	5.1 hrs.	EXCELLENT
455	PARAMEDIC INTERCEPT	2014	CHEVY SUBURBAN	225	11,019	5,359	EXCELLENT
456	COMMAND	2013	CHEVY SUBURBAN	89	26,360	6,149	EXCELLENT
457	BRUSH TRUCK	1992	CHEVY 4x4	9	13,444	157	GOOD
460	AERIAL TOWER	1997	PIERCE LANCE	10	10,345	547	VERY GOOD
462	ENGINE	1993	PIERCE DASH	6	23,065	123	GOOD
463	ENGINE	2008	PIERCE DASH	10	5,704	638	EXCELLENT
464	ENGINE	1999	PIERCE SABER	9	11,441	310	VERY GOOD
465	ENGINE	2006	PIERCE DASH	80	11,919	1,164	VERY GOOD
467	TANKER	1986	FORD/WELCH	8	9,393	286	FAIR
468	RESCUE DIVE BOAT	2013	JP MARINE 17'	1			EXCELLENT
469	FIRE BOAT	2010	BOSTON WHALER 25'	1	174 hrs.		EXCELLENT
499	UTILITY	2001	CHEVY MINI VAN	Non-emergency vehicle	81,707	3,496	FAIR

PORT WASHINGTON FIRE DEPARTMENT'S APPARATUS FLEET



Ambulance 450



Ambulance 451

PORT WASHINGTON FIRE DEPARTMENT'S APPARATUS FLEET



Ambulance 452



Heavy Rescue 453



Medic 455



Command 456



Brush Truck 457



Aerial Tower 460

PORT WASHINGTON FIRE DEPARTMENT'S APPARATUS FLEET



Engine 462



Engine 463



Engine 464



Engine 465



Tanker 467



Marine 469