

Anticipate that the Annual Meeting & Election will be rescheduled to Wednesday, May 20, 2020 at the WBFD.  
Election 5PM to 7PM & Meeting at 7PM.

# West Barnstable Fire District

*Established July 12, 1949 by Chapter 107 Acts of 1949*



## 2019 Annual Reports

**FY 2021**

### Annual Fire District Meeting Warrant

#### Annual Fire District Meeting

**Wednesday, April 29, 2020 – 7:00 PM\***

**West Barnstable Fire Headquarters**

2160 Meetinghouse Way, West Barnstable MA

Find us on 

**District Meeting Election Voting 5:00 PM to 7:00 PM**

**Fire District Meeting at 7:00 PM**

**\*SEE SPECIAL NOTICE INSIDE FRONT COVER**

April 2, 2020

## Special COVID-19 Notice: Annual Fire District Meeting

**The WBFD Annual Fire District Meeting is scheduled for Wednesday, April 29, 2020 at 7PM at the West Barnstable Fire Station (2160 Meetinghouse Way – RT 149). A quorum of at least 25 West Barnstable voters is needed to hold the meeting.**

State law and fire district bylaws do not have any provision for the fire district to reschedule this meeting until after the COVID-19 Public Health Emergency is over. The current federal distancing guidelines don't expire until April 30<sup>th</sup> and the state guidelines don't expire until May 4<sup>th</sup>. The district is seeking legislative authority to postpone the meeting; however, that authority has not been forthcoming. If the meeting is postponed, the District will post the new date/time/location on its website, Facebook page, and Community Information Sign.

Legally, the holding of the annual meeting is essential. The fire district will set-up the meeting in a manner that will provide distancing between everyone. The district will clean and sanitize the space, and take special steps to create a safe meeting.

If we do not get a quorum for the Annual Meeting, we will have to allow the meeting to fail and then schedule Special District Meeting within 30 days. Legally, we cannot cancel the district meeting in advance.

When we reach April 29<sup>th</sup>, if the meeting has not been rescheduled and if the COVID-19 situation has abated sufficiently that you are comfortable attending the meeting, please do.

The Fire District Election Meeting is also scheduled for Wednesday, April 29, 2020 from 5PM to 7PM at the West Barnstable Fire Station in the Training Room. Please use the direct entrance to the Training Room – the Red Front Door.

If you have any questions or concerns, please contact Fire Chief Joe Maruca at [jmaruca291@gmail.com](mailto:jmaruca291@gmail.com).

**WEST BARNSTABLE  
FIRE DISTRICT  
NOTICE TO FIRE DISTRICT VOTERS  
FY 2021**

**Annual Fire District Meeting  
And Election of Fire District Officials**

**Wednesday, April 29, 2020**

Fire District Voting 5:00 PM to 7:00 PM

Fire District Meeting Starts at 7:00 PM

**West Barnstable Community Building  
2377 Meetinghouse Way (Route 149)  
West Barnstable, MA 02668**

**FY 2021 Meeting Warrant Begins on Page 45**

**2019 Annual Reports**



# **West Barnstable Fire District Elected and Appointed Officials**

## **Elected Officials**

### **Moderator**

Kate Mitchell

Term Expires 2020

### **Prudential Committee**

Edward C. Smith

Term Expires 2020

Stuart Schulman

Term Expires 2021

W. Van Northcross, Chair

Term Expires 2022

### **Board of Water Commissioners**

Mark S. Wirtanen

Term Expires 2020

Arne Ojala, Chair

Term Expires 2021

Kristine Clark

Term Expires 2022

## **Appointed Officials**

Elaine L. Grace, District Clerk

Raymond Pirrone, District Treasurer

Susan Rao, District Accountant

Joseph V. Maruca, Fire Chief

David Paananen, Deputy Fire Chief



## 2019 ANNUAL MEETING of the WEST BARNSTABLE FIRE DISTRICT APRIL 24, 2019

The Annual Meeting of the West Barnstable Fire District was held at the West Barnstable Community Building, 2377 Meetinghouse Way (Route 149), West Barnstable, Massachusetts on April 24, 2019. In accordance with provisions of the duly posted and published Warrant, the polls were open on April 24, 2019 for the election of District officials from 5:00 PM to 7:00 PM. Serving as ballot counter was Patricia Toalson. With a total of 41 ballots cast, the results were as follows:

		<u>Votes</u>	<u>Blanks</u>	<u>Write-ins</u>
Prudential Committee/3 Years	W. Van Northcross	39	1	1
Water Commissioner/3 Years	Kristine Clark	41	0	0

At 7:05 PM, the meeting was called to order by District Moderator, Kate Mitchell, who determined a quorum was present. The Clerk, Elaine L. Grace read the Call of the Warrant, confirmed that the Warrant had been served by posting a copy thereof at the West Barnstable Post Office, the Whelden Memorial Library, and at West Barnstable Fire Headquarters, all in the West Barnstable Fire District, at least seven (7) days before the date of the meeting, and further reported that, in accordance with District By-Laws, the Warrant had been published in The Barnstable Patriot newspaper in the April 5, 2019 issue. A booklet, containing the Annual Reports of 2018 and the Fiscal Year 2020 Warrant was mailed to approximately 1663 residents of the District on April 12, 2019.

A motion was made and seconded and it was unanimously voted to allow non-district voters to make presentations and/or speak to motions (i.e., Chief Maruca, Raymond Pirrone).

**Article 1.** Upon motion made by Edward Smith and duly seconded by Edward Crowley, it was unanimously voted to accept the reports of the Officers and Committees, as printed in the **Annual Reports of 2018**, distributed to the voters.

**Article 2.** Upon motion made by Van Northcross and duly seconded by Edward Crowley, it was unanimously voted to authorize the Treasurer, with the approval of the Prudential Committee, to borrow money from time to time in anticipation of the revenue of the **Fiscal Year beginning July 1, 2019**, in accordance with General Laws, Chapter 44, Section 4, and Acts in amendment thereof, and including in addition thereto, Chapter 849 of the Acts of 1969, as amended, and to renew any note or notes as may be given for a period of one (1) year or less in accordance with General Laws, Chapter 44, Section 17, as printed in the **Annual Reports of 2018**, distributed to the voters.

**Article 3.** Upon motion duly made by Stuart Schulman and seconded by Robert Stolte, it was unanimously voted to raise and appropriate in **FY2020** the sum of **Five Thousand Dollars (\$5,000.00)** for streetlights as printed in the **Annual Reports of 2018**, distributed to the voters.

**Article 4.** Upon motion duly made by Edward Smith and seconded by Edward Crowley, it was unanimously voted to raise and appropriate in **FY2020** the sum of **Sixty-seven Thousand Four Hundred Eighty Dollars (\$67,480.00)** for debt service, as printed in the **Annual Reports of 2018**, distributed to the voters.

**Article 5.** Upon motion duly made by Van Northcross and seconded by Edward Crowley, it was unanimously voted to raise and appropriate the sum of **Fifty-four Thousand Seven Hundred Forty Dollars (\$54,740.00)** for District Salaries in **FY2020** for the following officers: Moderator, District Treasurer, District Accountant, District Clerk, Prudential Committee, and Town of Barnstable Tax Collector, as printed in the **Annual Reports of 2018**, distributed to the voters.

**Article 6.** Upon motion duly made by Stuart Schulman and seconded by Edward Crowley, it was unanimously voted to raise and appropriate the sum of **Forty-four Thousand Five Hundred Twenty-three Dollars (\$44,523.00)** and transfer and appropriate the sum of **Sixty-five Dollars (\$65.00)** from the OPEB Trust Fund for a total sum of **Forty-four Thousand Five Hundred Eighty-eight Dollars (\$44,588.00)** for the ordinary operating expenses of the District in **FY2020**, as printed in the **Annual Reports of 2018**, distributed to the voters.

**Article 7.** Upon motion duly made by Edward Smith and seconded by Edward Crowley, it was unanimously voted to raise and appropriate in **FY2020** the sum of **One Million Three Hundred Seventy-one Thousand Forty-three Dollars (\$1,371,043.00)** for the operation of the West Barnstable Fire Department, said funds to be expended under the direction of the Fire Chief, as printed in the **Annual Reports of 2018**, distributed to the voters.

**Article 8.** Upon motion duly made by Van Northcross and seconded by Edward Crowley, it was voted unanimously to raise and appropriate the sum of **Four Hundred Thousand Four Hundred One Dollars (400,401.00)** and transfer and appropriate the sum of **Forty Thousand Five Hundred Seventy-seven Dollars (\$40,577.00)** from the OPEB Trust Fund for a total sum of **Four Hundred Forty Thousand Nine Hundred Seventy-eight Dollars (\$440,978.00)** to fund miscellaneous District obligations in **FY2020**, as printed in the **Annual Reports of 2018**, distributed to the voters.

**Article 9.** Upon motion duly made by Stuart Schulman and seconded by Tracie Crowley, it was voted unanimously to raise and appropriate to the Reserve Fun in **FY2020** the sum of **Thirty Thousand Dollars (\$30,000.00)**, as printed in the **Annual Reports of 2018**, distributed to the voters.

**Article 10.** Upon motion duly made by Edward Smith and seconded by Tracie Crowley, it was voted unanimously to transfer and appropriate from Certified Free Cash in **FY2020** the sum of **Twenty-five Thousand Dollars (\$25,000.00)** for the **General Stabilization Fund**, and **Thirty Thousand Dollars (\$30,000.00)** for the **Ambulance Stabilization Fund**, for a total sum of **Fifty-five Thousand Dollars (\$55,000.00)** as printed in the **Annual Reports of 2018**, distributed to the voters.



**Article 11.** Upon motion duly made by Van Northcross, seconded by Tracie Crowley, it was unanimously voted to transfer and appropriate in **FY2020**, the sum of **Ten Thousand Dollars (\$10,000.00)** from Certified Free Cash and raise and appropriate the sum of **Three Thousand Two Hundred Dollars (\$3,200.00)** for a total sum of **Thirteen Thousand Two Hundred Dollars (\$13,200.00)** to fund a financial audit of the West Barnstable Fire District for the **fiscal year ending June 30, 2019**, said funds to be expended under the Prudential Committee, as printed in the **Annual Reports of 2018**, distributed to the voters.

**Article 12.** Upon motion duly made by Stuart Schulman, seconded by Tracie Crowley, it was unanimously voted to transfer and appropriate in **FY2020** the sum of **Ten Thousand Dollars (\$10,000.00)** from Certified Free Cash for the purpose of purchasing personal protective equipment, as printed in the **Annual Reports of 2018**, distributed to the voters.

**Article 13.** Upon a motion duly made by Edward Smith and seconded by Tracie Crowley, it was unanimously voted to transfer and appropriate in **FY2020**, the sum of **Fifteen Thousand Dollars (\$15,000.00)** from Certified Free Cash for Whelden Memorial Library services, as printed in the **Annual Reports of 2018**, distributed to the voters.

**Article 14.** Upon a motion duly made by Van Northcross and seconded by Edward Crowley, the following article as printed in the **Annual Reports of 2018**, distributed to the voters was discussed at length by those present:

That the District vote to amend Section 4 of Article IV of the West Barnstable Fire District By-Laws by striking out the words **"A quorum for conducting an Annual or Special District meeting shall consist of Twenty-five (25) registered voters** qualified to vote in West Barnstable Fire District elections" and inserting in place thereof the following:

There shall be **no quorum for conducting an Annual District meeting.** A quorum for conducting a Special District Meeting shall consist of **Fifteen (15)** registered voters qualified to vote in West Barnstable Fire District Elections.

The Moderator conducted a vote with a show of hands. There were 25 votes against and 13 in favor, and **the motion to amend the By-Laws did not pass.**

**Article 15.** Upon a motion duly made by Stuart Schulman and seconded by Edward Crowley, it was unanimously voted to create in **FY2020** a Critical Illness Stabilization Fund and transfer and appropriate the sum of **Five Thousand Dollars (\$5,000.00)** from Certified Free Cash for said Critical Illness Stabilization Fund, for payments to firefighters who receive a diagnosis of certain cancers and cardiac diseases as defined by MGL Chapter 32, Sections 94, 94A, 94B and policies determined by the Prudential Committee, as printed in the **Annual Reports of 2018**, distributed to the voters.

There being no further business before the meeting, the **2019** Annual West Barnstable Fire District Meeting was adjourned sine die at 8:30 PM.

Respectfully submitted,

Elaine L. Grace, District Clerk



## **2019 REPORT OF THE PRUDENTIAL COMMITTEE**

As everyone knows, the Fire Districts in the Town of Barnstable are not constrained by Proposition 2½. Yet here in West Barnstable we may as well be, as each year the Prudential Committee endeavors to stay within the Prop 2½ guidelines. It seems that every year as we begin each new budget cycle and review our fixed costs, labor costs, capital needs and maintenance costs, we are looking at a higher than acceptable increase in the tax rate. So each year we sharpen our pencils and go to work cutting and prioritizing until we reach an acceptable range. It's a difficult process. Some very worthwhile things wind up being deferred to future budgets when we have fewer immediate needs. The budget you see in this booklet represents many hours of meetings and effort. On April 29, we will be asking you to approve our work, the Fiscal Year (FY) 2021 Fire District Budget. It increases the real estate tax levy by 3%. This is within the limits of Proposition 2½, and it is similar to the average annual tax increases by the Town of Barnstable.

One of the things that we have deferred for more than six budget cycles and are addressing in this year's budget is the salary of the fire chief and the deputy fire chief. This is a one-time adjustment that the Prudential Committee deems appropriate to bring their salaries into line with industry averages. The members of the Prudential Committee have been postponing an adjustment of this nature for more than five years because other financial needs took precedence. We are doing it now without proposing or incurring a substantial tax increase.

The adjustment moves the chief's salary from among the lowest to the average pay for Cape Cod fire chiefs. Given the excellent service, financial management and leadership that Chief Maruca provides to our department and village, we feel that his pay should at least meet the average.

In 2019, three new fire chiefs were hired on Cape Cod. All three had starting salaries higher than our chief's salary. In 2020, there are already four chief positions being filled on Cape Cod at starting salaries above our chief's current salary. After fifteen years of remarkable service, the Prudential Committee believes that he should be paid more than the starting salaries of his peers.

We have also increased the deputy chief's salary. If Deputy Paananen had declined the promotion to deputy chief and had remained a captain at the WBFD, his annual pay in FY 2021 would be about \$21,000 higher than his current salary. This alone demonstrates the need for an adjustment. Deputy Chief Paananen is the lowest paid deputy fire chief on Cape Cod.

You'll also see that, except for newly hired staff that have not completed a full year with the department, the five career members of our department annually earn more than the chief and deputy chief.

It should also be noted that Chief Maruca and Deputy Chief Paananen are the only chief officers on Cape who are not provided with a department car. They use their own vehicles for emergency response and official business. We provide no reimbursement for expenses - gas, maintenance, insurance or depreciation.

We appreciate the fine work and dedication of our chief and deputy chief, our career staff, our volunteers and office personnel. We thank them for their patience with the Prudential Committee as we have worked to manage limited resources. We thank them individually and collectively for their stellar service in meeting the needs of the residents of West Barnstable. They are a special group of men and women.

As we continue our work in FY 2021 we will keep our pencils sharp. Our meetings are the third Wednesday of each month at the fire station, and all are welcome to attend. If you have any particular concerns, please feel free to come and express them during the public comment portion of each meeting. If attending our meetings is not convenient for you, please feel free to contact any one of us. We welcome your ideas.

Respectfully submitted,

W. Van Northcross, Chair  
Edward C. Smith  
Stuart Schulman



## 2019 ANNUAL REPORT OF THE WATER COMMISSIONERS

The Water Commissioners held meetings on February 27, March 28, April 13, and June 17, 2019.

The Prudential Committee asked the Water Commissioners to determine if water from our West Barnstable well (#15-75) could be sold to other entities. The Water Commissioners made a request to West Barnstable Fire District counsel, Charles Sabatt, for clarification on this issue.

The Commissioners became aware that in order to use our previously approved well site as a public water supply it would be necessary to go through the approval process again since according to the Department of Environmental Protection (DEP), the well has not been used for five years. Even though our potential well has never been in production, the West Barnstable Water Commissioners have taken steps to periodically test the quality of the water from that well and comment on potential herbicide use in our zone of contribution to that well. The Commission decided not to pursue the development of the water supply at this time.

The Commission was informed that no lead contamination was found under the shooting range, and that the testing of the water from several monitoring wells at the site showed that the water was in pristine condition.

In June, the Commissioners met with Hans Keijser, Supervisor of the Water Supply Division of the Barnstable Public Works Department. Hans gave an outline of the water supply oversight in the Town of Barnstable. The federal government has published additional requirements for the testing of water, particularly for PFAS and other contaminants. The Town will be looking for new potential sources of public water for the Town at various sites on town-owned property, primarily in the villages of Barnstable and West Barnstable, drilling and testing at recommended sites. Those testing sites include the West Barnstable Conservation Area, the Otis-Atwood Conservation Area and the Bridge Creek Conservation Area on the north side of Church Street.

Concern has been expressed by various entities and the general public about the extent of contamination of the ground water from toxins such as PFAS-type chemicals. Entities, such as Silent Spring, are studying the extent of the contamination to private wells.

Please properly dispose of medications, used motor oils and all other chemicals at the Town of Barnstable Transfer Station and NOT down your home drains or toilets where it will likely adversely affect your well water or that of your neighbors.

It is recommended by the Barnstable County Health Laboratory that residents test their well water once a year. Please know that the fee for water testing is being increased from \$45.00 to \$55.00, starting July 1, 2020. So, this is a good time to get your well water tested and save \$10.00.

Respectfully submitted,

Arne Ojala, Chair  
Kristine Clark  
Mark Wirtanen



## **2019 REPORT OF THE DISTRICT TREASURER**

The Fiscal Year 2019 (FY2019) books are closed and all the requisite financial statements and reports for that period have been filed with the Massachusetts Department of Revenue (DOR). As a result of the District's financial performance, it was determined by the DOR that the District has Certified Free Cash of \$297,446.00 as of June 30, 2019. These funds are available for use at the 2020 Annual District Meeting.

District operations resulted in underspending the FY2019 budget of \$2,067,929 by \$183,448. In addition, despite a minor (under 1%) shortfall in tax collections, the District generated more local receipts – notably ambulance services. This resulted in \$97,156 of revenue over the FY2019 budget. These two positive variances are the main components of the Free Cash total mentioned above.

The 2020 tax rate was set in a timely manner with the assistance of Edward F. O'Neil, the Director of Assessing for the Town of Barnstable, and we thank him for that assistance. In addition, we want to thank Debra Blanchette, Town Treasurer/Collector, for the collection of District taxes and for her many other efforts on behalf of the District. Finally, we wish to thank Susan Rao for her excellent work as Accountant for the District.

Our firm of independent accountants has been working with the Finance Department on the annual audit but, due to the staff turnover at the firm, the completion of the audit has been delayed. As a consequence there is no audit report available at the time of this printing. The FY2019 audit report will be made available for your review on the District's website as soon as it is received from our auditing firm.

The following reports are included as part of this narrative for your reference. These reports include (1) several FY2019 year-end financial statements of the District; (2) the Proposed Budget for FY2021; and select historical data. The first two reports are prepared using the modified cash basis, which is the statutory method for District and State reporting. The audit report will be based on Generally Accepted Accounting Principles (GAAP) for Municipalities. The notable differences between these two methods are the recognition of pension and post-retirement liabilities, certain year end operating obligations and the fixed assets of the District, which are included in GAAP reports but omitted from the modified cash basis presented here.

We thank you for the opportunity to be of service and look forward to the next fiscal year. We are always available to provide information or answer questions.

Respectfully submitted,

Raymond Pirrone  
District Treasurer

WEST BARNSTBLE FIRE DISTRICT, MASSACHUSETTS  
Combined Balance Sheet - All Fund Types and Account Groups  
as of June 30, 2019  
(Unaudited)

	Governmental Fund Types		Fiduciary Fund Types	Totals (Memorandum Only)
	General	Special Revenue	Trust and Agency	
<b>ASSETS</b>				
Cash and cash equivalents	\$733,750.84	\$477,854.39	\$142,274.04	\$1,353,879.27
Investments				-
Receivables:				-
Personal property taxes	1,225.81			1,225.81
Real estate taxes	162,624.57			162,624.57
Deferred taxes	1,396.81			1,396.81
Allowance for abatements and exemptions	(114,778.57)			(114,778.57)
Special assessments				-
Tax liens	74,260.28			74,260.28
Tax foreclosures				-
Utility Charges				-
Departmental	357,698.40			357,698.40
Other receivables				-
Due to/from other funds	(4,140.00)	-	4,140.00	-
Due from other governments	28,899.95			28,899.95
Prepays				-
Inventory				-
Total Assets	1,240,938.09	477,854.39	146,414.04	1,865,206.52
<b>LIABILITIES AND FUND EQUITY</b>				
Liabilities:				
Deferred revenue				-
Real and personal property taxes	49,071.81			49,071.81
Deferred taxes	1,396.81			1,396.81
Prepaid taxes/fees				-
Tax liens	74,260.28			74,260.28
Tax foreclosures				-
Departmental	386,598.35			386,598.35
Other receivables				-
Due from other governments	7,629.81			7,629.81
Due to other governments				-
Warrants payable	10,880.67			10,880.67
Accrued payroll and withholdings	32,766.41			32,766.41
Other liabilities				-
Bonds payable				-
Notes payable				-
Vacation and sick leave liability				-
Total Liabilities	562,604.14	-	-	562,604.14
Fund Equity:				
Reserved for encumbrances	13,589.89			13,589.89
Reserved for expenditures	150,974.04	477,854.39	146,414.04	775,242.47
Reserved for continuing appropriations	95,000.00			95,000.00
Reserved fund balance				-
Undesignated fund balance	418,770.02			418,770.02
Total Fund Equity	678,333.95	477,854.39	146,414.04	1,302,602.38
Total Liabilities and Fund Equity	\$1,240,938.09	\$477,854.39	\$146,414.04	\$1,865,206.52

**West Barnstable Fire District**  
Combined Statement of Revenues, Expenditures and  
Changes in Fund Balances for the Year Ended June 30, 2019  
(Unaudited)

	General Fund	Special Revenue Funds	Capital Projects Fund	Trust & Agency Funds	Total (Memorandum Only)
<b>REVENUES:</b>					
Property Taxes:					
Personal Property	\$20,287.10	\$0.00	\$0.00	\$0.00	\$20,287.10
Real Estate	1,666,213.69	0.00	0.00	0.00	1,666,213.69
Tax Liens	2,974.41	0.00	0.00	0.00	2,974.41
Intergovernmental		0.00	0.00	0.00	0.00
Local Estimated Receipts:					
Motor Vehicle Excise		0.00	0.00	0.00	0.00
Payments in Lieu of Taxes		0.00	0.00	0.00	0.00
Licenses, Permits, Fines & Fees	19,300.55	0.00	0.00	0.00	19,300.55
Investment Income	3,723.90	3,652.94	0.00	6,497.37	13,874.21
Miscellaneous	24,990.97	1,585.71	0.00	0.00	26,576.68
User Charges	300,959.83	0.00	0.00	0.00	300,959.83
Contributions and Donations		0.00	0.00	0.00	0.00
<b>TOTAL REVENUES</b>	<b>2,038,450.45</b>	<b>5,238.65</b>	<b>0.00</b>	<b>6,497.37</b>	<b>2,050,186.47</b>
<b>EXPENDITURES:</b>					
General Government	181,527.36	0.00	0.00	0.00	181,527.36
Public Safety	1,297,969.06	1,300.00	0.00	0.00	1,299,269.06
Education	0.00	0.00	0.00	0.00	0.00
Public Works	2,960.47	0.00	0.00	0.00	2,960.47
Legal	0.00	0.00	0.00	0.00	0.00
Culture and Recreation	15,000.00	0.00	0.00	0.00	15,000.00
Debt Service	3,750.00	0.00	0.00	0.00	3,750.00
Intergovernmental	0.00	0.00	0.00	0.00	0.00
Employee Benefits and Insurance	259,476.98	0.00	0.00	0.00	259,476.98
<b>TOTAL EXPENDITURES</b>	<b>1,760,683.87</b>	<b>1,300.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1,761,983.87</b>
<b>REVENUES OVER/(UNDER) EXPENDITURES</b>	<b>277,766.58</b>	<b>3,938.65</b>	<b>0.00</b>	<b>6,497.37</b>	<b>288,202.60</b>
<b>OTHER FINANCING SOURCES/(USES):</b>					
Other Financing Sources/(Uses)	0.00	0.00	0.00	0.00	0.00
Bond Proceeds	0.00	0.00	0.00	0.00	0.00
Operating Transfers In	30,500.00	55,405.30		54,000.00	139,905.30
Operating Transfers Out	(109,000.00)	0.00	(405.30)	(30,500.00)	(139,905.30)
<b>TOTAL OTHER FINANCING SOURCES/(USES)</b>	<b>(78,500.00)</b>	<b>55,405.30</b>	<b>(405.30)</b>	<b>23,500.00</b>	<b>0.00</b>
<b>REVENUE AND OTHER SOURCES OVER/ (UNDER) EXPENDITURES AND OTHER USES</b>	<b>199,266.58</b>	<b>59,343.95</b>	<b>(405.30)</b>	<b>29,997.37</b>	<b>288,202.60</b>
<b>Fund Balances - July 1, 2017</b>	<b>479,067.37</b>	<b>418,510.44</b>	<b>405.30</b>	<b>116,416.67</b>	<b>1,014,399.78</b>
<b>Fund Balances - June 30, 2018</b>	<b>\$678,333.95</b>	<b>\$477,854.39</b>	<b>\$0.00</b>	<b>\$146,414.04</b>	<b>\$1,302,602.38</b>



WEST BARNSTABLE FIRE DISTRICT  
STATEMENT OF NET FUNDED AND FIXED DEBT  
YEAR ENDED JUNE 30, 2019

BONDED INDEBTEDNESS	BONDS OUTSTANDING
 <u>LONG TERM DEBT</u>	
BALANCE JULY 1, 2017	\$ -
less: PRINCIPAL PAYMENTS	\$
BALANCE JUNE 30, 2018	\$ -
 <u>SHORT TERM DEBT</u>	
BALANCE JULY 1, 2017	\$ 300,000.00
less: PRINCIPAL PAYMENTS IN FISCAL 2019	\$ 60,000.00
BALANCE JUNE 30, 2018	\$ 240,000.00
 <u>INTEREST PAID ON DEBT IN FISCAL 2019</u>	 \$ 3,750.00

## West Barnstable Fire District

FY 2021

## Budget Worksheet

Article	Group / Line Item	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 PROPOSED	NEW BUDGET UP(DOWN)
3	Street Lights					
	Street Lighting	2,529.07	1,777.56	3,300.00	3,300.00	0.00%
	Street Light Repair & Maintenance	406.53	29.32	500.00	500.00	0.00%
	Street Light Replacement	29.32	616.20	1,200.00	1,200.00	0.00%
	<b>Total Street Lights</b>	<b>2,964.92</b>	<b>2,423.08</b>	<b>5,000.00</b>	<b>5,000.00</b>	<b>0.00%</b>
4	Debt Services					
	Short Term Interest	-	3,750.00	7,480.00	5,236.00	-30.00%
	Long Term Debt	-		60,000.00	30,000.00	-50.00%
	<b>Total Debt Services</b>	<b>-</b>	<b>3,750.00</b>	<b>67,480.00</b>	<b>35,236.00</b>	<b>-47.78%</b>
5	District Salaries					
	Moderator	50.00		50.00	50.00	0.00%
	Prudential Committee Salary	1,500.00	1,500.00	1,500.00	1,500.00	0.00%
	District Accountant	21,100.90	19,419.26	21,858.00	22,404.45	2.50%
	District Treasurer	20,562.50	26,954.27	25,112.00	25,739.80	2.50%
	Records Access Officer	5,500.00	5,500.00	6,000.00	6,396.00	0.00%
	District Clerk	220.00		220.00	6,000.00	0.00%
	Salary (Town of Barnstable Tax Collector)					
	<b>Total District Salaries</b>	<b>48,933.40</b>	<b>53,373.53</b>	<b>54,740.00</b>	<b>62,090.25</b>	<b>13.43%</b>
6	District Expenses					
	Assessing / Tax Collection	3,650.00	3,626.00	3,650.00	7,650.00	109.59%
	Bank Service Charges	1,796.64	1,328.25	2,500.00	2,500.00	0.00%
	Professional Services	4,100.00	1,000.00	5,000.00	5,000.00	0.00%
	FICA / Medicare	15,179.53	17,624.78	17,938.00	19,000.00	5.92%
	Life Insurance	217.15	185.03	250.00	250.00	0.00%
	Legal	14,628.46	1,908.40	2,000.00	2,000.00	0.00%
	Prudential Committee Operation	8,136.78	10,128.05	9,500.00	10,000.00	5.26%
	Payroll Services	2,602.85	2,646.35	3,000.00	3,000.00	0.00%
	Water Commission Operation	20.45	537.39	750.00	750.00	0.00%
	<b>Total District Expenses</b>	<b>50,331.86</b>	<b>38,984.25</b>	<b>44,588.00</b>	<b>50,150.00</b>	<b>12.47%</b>



Budget Worksheet

Article	Group / Line Item	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 PROPOSED	NEW BUDGET UP(DOWN)
<b>Fire Department</b>						
<b>Fire Department Payroll</b>						
	Fire Chief	111,342.93	111,427.16	114,769.81	137,500.00	19.81%
	Deputy Fire Chief	98,421.96	100,391.20	103,403.00	129,000.00	24.75%
	Fire Dept. Payroll, Career	353,942.16	315,856.93	383,145.00	398,000.00	3.88%
	Fire Dept. Payroll, Adm. Asst.	19,460.62	25,562.87	31,200.00	31,980.00	2.50%
	Fire Dept. Payroll, Call/Volunteer Wages	111,894.25	71,187.00	130,000.00	130,000.00	0.00%
	Fire Dept. Payroll, Part Time Firefighters	68,433.00	92,138.75	100,800.00	95,800.00	-4.96%
	Fire Dept. Payroll, Career Over Time	234,444.89	248,406.75	252,875.19	262,000.00	3.61%
	Fire Dept. Payroll, Training	-	-	21,000.00	26,000.00	23.81%
	Fire Dept. Compensated Absences	-	38,792.02	-	-	
	<b>Fire Dept. Payroll Subtotal</b>	<b>997,939.81</b>	<b>1,003,762.68</b>	<b>1,137,193.00</b>	<b>1,210,280.00</b>	<b>6.43%</b>
<b>Fire Department Operations</b>						
	FD Operation - Admin	31,139.88	32,435.14	32,300.00	32,300.00	0.00%
	FD Operation - Facilities Maintenance	39,571.79	44,729.79	42,850.00	44,850.00	4.67%
	FD Operation - Equipment Maintenance	52,297.21	53,319.40	45,700.00	47,700.00	4.38%
	FD Operation - New Equipment	50,595.64	11,953.96	6,500.00	6,500.00	0.00%
	FD Operation - Uniforms	4,879.27	3,692.40	7,450.00	7,975.00	7.05%
	FD Operation - Rescue Squad	23,180.57	22,582.32	24,500.00	24,500.00	0.00%
	FD Operation - Personnel Training	15,125.53	17,347.96	20,000.00	30,000.00	50.00%
	FD Operation - Other Expenses	47,297.81	50,642.00	54,550.00	57,550.00	5.50%
	<b>Fire Dept. Non-Payroll Subtotal</b>	<b>264,087.70</b>	<b>236,702.97</b>	<b>233,850.00</b>	<b>251,375.00</b>	<b>7.49%</b>
<b>7</b>	<b>Total Fire Department</b>	<b>1,262,027.51</b>	<b>1,240,465.65</b>	<b>1,371,043.00</b>	<b>1,461,655.00</b>	<b>6.61%</b>
<b>Miscellaneous</b>						
	County Retirement	125,236.00	113,911.00	126,295.00	132,976.00	5.29%
	Health Insurance	143,264.04	145,380.95	114,006.05	97,077.00	-14.85%
	Retiree Health Insurance			40,576.95	40,622.00	0.11%
	General Insurance	76,355.00	77,892.00	90,100.00	90,100.00	0.00%
	Transfer To OPEB Trust	30,000.00	54,000.00	70,000.00	80,000.00	14.29%
<b>8</b>	<b>Total Miscellaneous</b>	<b>374,855.04</b>	<b>391,183.95</b>	<b>440,978.00</b>	<b>440,775.00</b>	<b>-0.05%</b>
<b>9</b>	<b>Reserve Fund</b>	-	-	<b>30,000.00</b>	<b>30,000.00</b>	<b>0.00%</b>

West Barnstable Fire District

FY 2021

Budget Worksheet

Article	Group / Line Item	FY 2018 ACTUAL	FY 2019 ACTUAL	FY 2020 BUDGET	FY 2021 PROPOSED	NEW BUDGET UP(DOWN)
10	<b>Other Financing Uses</b>					
	Stabilization Fund - General	55,000.00	55,000.00	55,000.00	57,500.00	4.55%
	Stabilization Fund - Ambulance	55,000.00	25,000.00	25,000.00	25,000.00	0.00%
	Stabilization Fund - Critical Illines		30,000.00	30,000.00	30,000.00	0.00%
				5,000.00	2,500.00	-50.00%
11	<b>Audit</b>					
	Purchase New Turnout Gear (PPE)	11,000.00	12,000.00	13,200.00	14,520.00	10.00%
12	<b>Library Funding</b>					
13	Capital Outlay - Corrison Repair Tanker 286	15,000.00	15,000.00	10,000.00	15,000.00	0.00%
14	Capital Outlay - Purchase Used Engine to replace Ladder Truck			15,000.00	15,000.00	
	Capital Outlay - FY 2019 Pickup Truck		25,000.00		50,000.00	
	Stabilization Fund - Critical Health			5,000.00		
	Capital Outlay - Replace Ambulance 293	300,000.00				
	Capital Outlay - Tires		2,982.00			
	Grant Matching Funds					
	Capital Outlay - Hose		6,500.00			
<b>Total FY Expended/Budgeted Appropriations:</b>		<b>2,120,112.73</b>	<b>1,846,662.46</b>	<b>2,112,029.00</b>	<b>2,236,926.25</b>	<b>5.91%</b>

WEST BARNSTABLE FIRE DISTRICT

TAXATION COMPARISON

FY2016 TO FY2020 WITH FY2021 ESTIMATED

	FY 2016 Actual	FY 2017 Actual	FY 2018 Actual	FY 2019 Actual	FY 2020 Budget	FY 2021 Proposed
Total Appropriations	\$1,853,460	\$2,359,796	\$2,208,293	\$2,067,929	\$2,112,029	\$2,236,926
Overlay/Deficits	18,027	20,669	18,981	16,544	16,998	17,000
<b>Total Amount to Be Raised</b>	<b>1,871,487</b>	<b>2,380,465</b>	<b>2,227,274</b>	<b>2,084,473</b>	<b>2,129,027</b>	<b>2,253,926</b>
Ambulance Fees	185,500	210,000	225,000	225,000	239,800	239,800
Local Receipts	14,500	15,000				
Debt Funding		300,000				
Free Cash	152,500	150,000	180,800	121,700	95,000	167,500
Overlay Surplus						
OPEB Trust Fund	9,618	10,505	3,429	30,500	40,577	40,622
Stabilization & Other		165,000	210,000	6,500		
<b>Local Revenue and Other Funding Sources</b>	<b>362,118</b>	<b>850,505</b>	<b>619,229</b>	<b>383,700</b>	<b>375,377</b>	<b>447,922</b>
Tax Levy increase	1,509,369 2.76%	1,529,963 1.36%	1,608,045 5.10%	1,700,773 5.77%	1,753,650 9.05%	1,806,004 6.19%
Property Values increase	552,173,790 0.43%	563,197,440 2.00%	566,652,930 0.61%	578,433,570 2.08%	611,788,960 5.77%	637,618,020 4.22%
Tax Rate increase	2.73 2.76%	2.72 -0.62%	2.84 4.46%	2.94 3.61%	2.87 -2.51%	2.83 -1.19%
Residential Parcel Count	1141	1143	1149	1152	1154	1160
Residential Parcel Value increase	\$479,238,900 0.26%	491,158,900 2.49%	494,997,300 0.78%	508,495,300 2.73%	541,143,500 6.42%	568,752,600 5.10%
Average Residential Property Value	420,017	429,710	430,807	441,402	468,929	490,304
Average Residential Tax Bill increase	\$1,148 5.53%	\$1,167 1.67%	\$1,223 4.73%	\$1,298 6.16%	\$1,344 9.95%	\$1,389 3.32%



## 2019 FIRE CHIEF'S REPORT

### West Barnstable Fire Department

#### Chief Joseph V. Maruca

The West Barnstable Fire Department (WBFD) responded to 609 emergency incidents in 2019. About 55% of these calls were for emergency medical services. There were no significant fire losses in the community in 2019.

#### Annual Emergency Call Volume Calendar Year

1975: 156	2008: 651
1980: 309	2009: 533
1985: 326	2010: 567
1990: 305	2011: 649
1995: 396	2012: 608
2000: 431	2013: 654
2005: 536	2014: 630
2006: 502	2015: 758
2007: 534	2016: 627
2017: 628	
2018: 661	
2019: 609	

After having peaked with 758 emergency calls in 2015, the WBFD is averaging about 630 emergency calls per year. Emergency call volume has been fairly stable for the past four years. This is likely due to the lack of new homes and a lack of economic growth in our village. Plus the aging of our population may have peaked or slowed. We are awaiting the 2020 Federal Census in order to better analyze our community's demographic changes and how they affect emergency incidents.

Overlapping emergency calls (when we get a second or third emergency call while we are still handling a first emergency) continue to challenge us, particularly in the daytime or when we require a second ambulance, but we've been successful in managing

these incidents without a loss of quality of service. The drop in overlapping calls from 14% in 2018 to 7% in 2019 is not surprising because of the drop in overall calls. We would expect that

#### Overlapping Emergency Calls

2019 43 calls 7%	2018 90 calls 14%	2017 74 calls 12%	2016 52 calls 8%
2015 93 calls 12%	2014 64 calls 10%		

overlapping calls will drop faster than the actual number of calls do, and inversely as calls increase, the likelihood of overlapping calls is much greater.

From a planning, training, and administrative perspective, 2019 was a busy year for the WBFD.

#### Goodbye Ladder Truck

The WBFD has decided to eliminate its Ladder Truck (a 2002 Pierce Quantum Quint) from the fleet and rely upon automatic aid and mutual aid for our aerial ladder needs. Instead of owning and operating a ladder truck, the WBFD plans to purchase a used fire engine to replace our ladder truck.

### **Here's why:**

Last year, I reported to you that rust and corrosion had forced us to place the aerial ladder out of service. We have continued to use Ladder 297 (L-297) as a fire engine, but we have not been able to use the 75 foot aerial ladder.

We issued a Request for Bids to repair the truck and the only bid was for \$280,000. This would have repaired the rust in the frame and aerial body supports, and overhauled the hydraulic systems for the aerial ladder. However, after a cost-benefit analysis, we decided that spending \$280,000 to repair a 15-year old truck was not a good investment for the community. There would be no guarantee that we wouldn't have equally expensive additional drivetrain repairs in the next five years. A new truck would cost between \$950,000 and \$1.3 million. Purchasing a new ladder truck was ruled out as too expensive.



We next looked at purchasing a used ladder truck. This is the norm for the WBFD. In our department's history, we have owned three ladder trucks and all three were purchased used. Our current ladder was purchased used in 2005 for \$350,000 (and using a \$300,000 federal grant). We found that there are few short wheelbase ladder trucks available on the used market, and those that are available in good condition were priced significantly higher than most used fire trucks. If the WBFD were to own a ladder truck,

we would need one with a single axle on a short wheelbase in order to access the many tight driveways and small streets in our community.

After a risk-benefit analysis, we further determined that while a ladder truck made our work easier and safer, it was not essential to our operations. We don't use the aerial ladder enough to justify the expense we are facing. (Not only the expense of purchasing a ladder truck, but the expense of maintaining it. It costs us an average of \$8685 a year to maintain the truck.) We will have to adopt a new deployment model for firefighting operations and change our training to address the loss of the ladder truck, but we are confident that we will make the transition successfully.

We believe that we can find an affordable engine in good condition to serve as our second fire engine and fill the fire attack and rescue role that the ladder truck currently serves. Article 14 at the 2020 Annual Fire District Meeting asks to appropriate \$50,000 for this purpose. We can do this with savings and not raise taxes.

With the loss of L-297, the WBFD will be one of only three fire departments on Cape Cod without a ladder truck. Currently, only Truro and Cotuit do not have aerial ladders. The Town of Sandwich just added a second ladder truck to their fleet, a single axle 75 foot aerial ladder, similar to our ladder, at its new Station on Cotuit Road (about 16 minutes away from the center of West Barnstable). The Barnstable fire district also has a 100 foot ladder truck that is five miles or about nine minutes away from the center of West Barnstable.



## Replacing Engine-Tanker 296

In 2019, we started planning for the replacement of our 1985 Engine-Tanker 296 (ET-296). (The need to replace ET-296 was also a significant factor in our decision to eliminate L-297.)

ET-296 is critical to fire protection in West Barnstable due to our lack of fire hydrants.

Without fire hydrants, the WBFD must bring all of its water to fires by truck. For instance, the fire on Lothrop's Lane in 2016 required 85,000 gallons of water to extinguish. This required about 30 trips by water tankers between the fire and a water source. It takes about 17 firefighters to manage this operation and we call for extra tankers from Mashpee, Sandwich, Onset, Plymouth, Joint Base Cape Cod and the Massachusetts Department of Conservation & Recreation (DCR). We annually practice this water supply operation with our mutual aid partners. With the out of town tankers, we can move about 750 gallons of water per minute from hydrants in Marstons Mills, Sandwich or Barnstable to a fire in West Barnstable.

Currently, the WBFD operates two tankers. ET-296, which carries 3000 gallons of water and Tanker 286 (T-286), which carries 5000 gallons of water. These are the two biggest tankers on Cape Cod. A typical fire engine carries 500 or 750 gallons of water. Our water tanker operation is further complicated by the fact that we are the last community on the Cape without a public water system and fire hydrants. Other communities have eliminated or are phasing out fire department water tankers as they expand fire hydrant coverage. We expect fewer mutual aid resources to shuttle water in the future.

ET-296 is also capable of pumping 2000 gallons of water per minute, the most of any area fire apparatus. It also operates as our backup or reserve fire engine because it carries five firefighters, along with the minimum hose, ladders, and tools for a fire attack company. It is more than just a water tanker.

T-286 is just a water tanker. It is a 1991 Air Force Fuel Truck that the WBFD converted to a water tanker and does not have firefighting capabilities. Its sole purpose is to deliver 5000 gallons of water to the fire and connect to our fire engine that draws the water from it.



Purchasing a new Engine-Tanker such as ET-296 (a truck that can function as an engine and carry 3000 gallons of water) appears to cost about \$800,000. We paid \$161,000 for ET-296 back in 1985. New fire trucks have recently been increasing in cost by 5% or 6% a year. When we looked at the need to plan for ET-296's replacement, our analysis clearly indicated that replacing ET-296 is far more important to West Barnstable than maintaining Ladder 297.



We are not asking for any funds to replace ET-296 at the 2020 Annual District Meeting. Our immediate plan is to write a federal grant request for funds to replace the truck. However, we have low expectations of getting the grant. Out of thousands of requests, the federal Assistance to Firefighter Grant Program (AFG) only funds about 100 fire trucks nationally each year.

We believe we have about three years to fund the replacement of ET-296. As we move forward, we will start developing alternate replacement plans to the federal grant approach. We'll keep you posted.

### **Revised Capital Plan –Apparatus**

The situation with our ladder truck and engine-tanker required us to revise the department's capital plan with regard to its apparatus/vehicles. A copy of the new capital plan for apparatus is including in the later pages of this annual report.

### **Tanker 286 Rust Repairs**

We are asking for \$15,000 (Article 13) at the 2020 WBFD Annual Meeting to repair rust and corrosion on our Tanker 286 (T-286). This is our 5000 gallon tanker built on a surplus military chassis.

In 2019 we experienced a collapse of the baffles inside of the water tank (that keep the water from sloshing when it turns corners or stops) and water tank leaks due to rust and corrosion. We spent \$6967 fixing these immediate problems. We also identified additional corrosion repairs that need attention at cost of about \$15,000.

Having this truck and its 5000 gallons of water is critical to our success for quickly extinguishing fires. It represents an excellent value to the community. While it's an old truck, it has no complex parts, and it has a limited use that makes extending its useful life cost-effective.

Taken together, the costs of replacing ET-296 and maintaining T-286 are a small price when compared with the alternative, the installation of a water system and fire hydrants.

### **The Rest of the WBFD Fleet**

Our Ambulance 293 (A-293) was new in 2018, is in great shape and has a 10-year life expectancy. Our Engine 294 (E-294) was also new in 2018 and is in great shape. We expect 15+ years of service from E-294. Our pickup truck (C-280) was bought new in 2019. Forestry 290 (F-290) is a 2011 Ford F-450 with a forest fire truck body, and it is in excellent condition with at least another 10 or more years of service ahead.

Only our Squad 287 (S-287), a 2004 Ford F-350 with a utility truck body, will need replacement in the next three or four years, maybe sooner. The utility body and cab have significant rust. This truck is used to bring additional personnel to EMS calls in support of the ambulance. It also carries our hazmat spill supplies and equipment, and has a secondary role for

fighting wildland fires and providing rescue operations on Sandy Neck Beach. It carries a generator and lighting, and a portable pump.

The department is also building a new forestry truck on a 5-Ton military chassis. This will be Forestry 295 and it will replace our former Brush Breaker 295. This truck is being built in-house to save money and we expect it to be finished in 2020. It will be able to drive on Sandy Neck Beach and operate on the dirt roads throughout our conservation areas.

We also own and operate a military surplus Humvee, C-288, for use in storms and on Sandy Neck.

### **The Fire Station**

In 2019 we replaced the carpeting in our training room at the fire station, and the Cape Compact replaced our lights with new LED fixtures. These were the biggest changes or upgrades to the fire station for the year. We continue to fight flooding in our basement.

We have a comprehensive plan adding to and renovating the fire station. Among the items called for are adding additional truck space, a locker room so firefighter's protective clothing is not stored next to the trucks, reconfigured office spaces, reconfigured bunk rooms, and additional administrative spaces. These plans will require about \$3.2 million, but the need to deal with our fleet issues has pushed this project to the back burner.

In FY 2019, the department spent \$17,343.61 for maintenance of the fire station. Over the past six years, this amount has averaged \$16,388.16.

### **Grant Success in 2019**



The WBFD had success obtaining grants in 2019. The largest grant was a Federal Assistance to Firefighters (AFG) grant of \$120,307 to replace our mobile and portable radios. We had applied for this grant for four years in a row. The grant allows us to replace the analog radios that we received surplus from the 1996 Summer Olympics in Atlanta with new digital radios. This was critical, because the Massachusetts State Police, who owns our radio system, is planning to upgrade the system to digital and our analog radios would no longer work. Each of our new digital portable radios costs \$3558. **Deputy Chief David Paananen** wrote and managed this grant.

We also won an AmeriCorps Grant that provided us with the services of **Emily Smith**, a recent graduate of Clemson University. Emily is working at the WBFD three days a week for about 10 months. She is managing our strategic planning process and updating our internal emergency operation/contingency plans. Emily is also a first responder and responds to emergency calls with us. This grant has a value of \$16,397.



**Firefighter Andrew Mandel** wrote two successful grants in 2019. The first grant was from the Commonwealth of Massachusetts for \$2951.80 to purchase firefighting gloves and protective hoods for our staff. The second grant was also from the state and was for \$6416.73 to purchase a specialty washing machine to clean our firefighting coats and pants.

Since 2005, the WBFD has successfully written and received \$1,130,592 in grant money for trucks, equipment, software, windows and staffing. (A list of our grants and awards is contained in the later pages of this book.) We are among the most successful of small departments when it comes to grant funding.

### **3.0% Tax Levy Increase Within the Bounds of Prop 2½**

If you vote to approve the proposed Fiscal Year 2021 budget at the 2020 Fire District Annual Meeting, you will be approving a 3.0% increase in the tax levy. This is within the allowable tax levy increase under Proposition 2½, even though the fire district is not legally required to follow Proposition 2½.

The WBFD, as with the other 148 districts in Massachusetts, is not subject to Proposition 2½. Only cities and towns are legally restricted by Proposition 2½. However, the district uses Proposition 2½ as a guideline and financial planning tool.

Over the past decade, the average annual tax levy increase for the fire district has been 2.14%, well under what the district would have been allowed to increase its tax levy pursuant to the terms of Proposition 2½. In that same time period, the Town of Barnstable tax levy has increased at an average of 3.38%.

I would also like you to note that in the past 15 years, the fire district has never overspent its budget. Financial planning is a strong element of the district's management.

This year, the district is continuing to increase its annual contribution to the Other Post-Employment Benefits (OPEB) Trust Fund. The OPEB Trust Fund is a fund to pay for retiree health insurance. The FY 2020 contribution was \$70,000 and the FY 2021 proposal is \$80,000. From this fund the district will withdraw \$40,622 to pay the health insurance for the district's three retirees. This means we are increasing the value of the trust fund by \$39,378.

The current balance of the OPEB Trust Fund is \$220,314.31. An analysis of our need indicates we should have a balance of \$993,775 to cover current and future payments. We plan to keep increasing the contribution to the OPEB trust fund until we reach that goal. At that level, the fund should be able to sustain our retiree health insurance obligations unless or until there is a change in our career staff. Only full-time employees who work for the WBFD for ten or more years are entitled to health insurance as a retiree.

The other significant change to the budget is an increase in the salary of the fire chief and deputy fire chief. For details on this, please refer to the 2019 Prudential Committee Report.



The budget also shows an increase for Fire Department Payroll-Training. We have increased this from \$21,000 to \$26,000. This is overtime money we use when a newly hired career member of the department attends the Massachusetts Fire Academy's 10-Week Career Firefighter Training Program. In FY 2020, Lt. Kim Sylvia attended this class. In FY 2021, Lt. Curtiss Cottrell will attend, and in FY 2022, Firefighter Andrew Mandel will attend. An analysis of the cost of attendance at this program found that our actual cost (payroll, housing, meals, travel, and books) was \$34,729. Increasing the payroll cost to \$26,000 will avoid some of the underfunding of this expense.

An area of our budget that causes stress and that we are working to better manage is portable equipment maintenance, EMS equipment maintenance, and Self-Contained Breathing Apparatus maintenance. These maintenance areas combined represent an average cost of \$13,793 each year. Additionally, EMS supplies and drugs for the ambulance now average about \$23,940 each year. These are difficult costs to control because of the specialized nature of the equipment or use, and there is a limited pool of vendors to deal with.

We know that the WBFD represents a significant cost to each of you; however, we believe we provide an excellent level of service and feel that you are getting a superior product for your money.

### **Strategic Planning**

The WBFD's new Strategic Plan is being written. We expect it to be in place by mid-2020. The strategic plan is being developed by a civilian planning committee made up of five West Barnstable Residents and one AmeriCorps Member. The Strategic Planning Committee consists of the following members:

- Dave Cameron of Parker Road
- Dan Devlin of Meetinghouse Way
- Andy Lee of Percival Drive
- Dhiraj Malkani of Lombard Avenue
- Holly Rogers of Main Street
- Emily Smith, AmeriCorps

The Strategic Planning Committee is holding a series of stakeholder meetings with residents, West Barnstable non-profits/organizations, firefighters, elected officials, and our partner agencies to explore the strengths and weakness of the WBFD. They are also seeking ideas regarding future initiatives and potential issues facing the department. From this information, they will determine the strategic goals of the WBFD for the next five years.

### **Promotions**

2019 saw nine promotions among our firefighting staff. These promotions brought the department to the desired position of having two officers on each of our four response groups and lowering the officer-to-firefighter ratio. A ratio of one officer supervising no more than

four firefighters is important to safe operations and maintaining personnel accountability at emergency scenes.



**Troy Jewett** and **Bill Murray** were both promoted from Lieutenant to Captain. Captain Jewett is our Group 4 Shift Commander, a paramedic, and has served with the WBFD since 2007. Captain Murray is our Group 3 Shift Commander, a paramedic, and has served with the WBFD since 2006. Together, they manage our apparatus driver training program. Captain Jewett leads our volunteer firefighter recruit training program. Captain Murray is our health & safety officer and a Hazmat Technician.

**Kim Sylvia** and **Curtis Cottrell** were both promoted to Lieutenant. Lieutenant Cottrell is our Group 1 Shift Commander, a paramedic, and has served with the WBFD since 2015. Lieutenant Sylvia is the Group 2 Shift Commander, a paramedic, and has served with the WBFD since 2010. Lt. Sylvia is the EMS Coordinator. Lt. Cottrell manages the department's public education programs.

Captains Jewett and Murray and Lieutenants Cottrell and Sylvia are career members of the department.

Volunteer firefighters **Luke Walsh** and **Ian Diaz** were promoted to lieutenant. Part-time firefighter **Steve Frye** was promoted to lieutenant. Lieutenants Frye, Walsh and Diaz join volunteer Lieutenant **John Garofoli**, as our four Executive Officers. Each of our four volunteer response groups is led by a Shift Commander (career officer) and an Executive Officer (volunteer officer).

Volunteer firefighters **Ben Stacy** and **Steve Kilmurray** were promoted to Engineer in 2019. Engineers are firefighters who are qualified to drive and operate all of the WBFD's apparatus, and are our most capable equipment operators.

### **We Are Mostly Volunteers**

Speaking with West Barnstable residents over the past year, I was surprised to find that many people didn't realize how reliant the WBFD is on volunteer firefighters and EMS providers. Everyone had a sense that we used volunteers, but didn't realize how heavily we use volunteers. The WBFD currently has forty volunteer firefighters. Without them we could not function.



We only have five full-time (career) firefighters and five part-time firefighters in the department. By comparison, the Barnstable FD has 16 full-time firefighters and the Sandwich FD has 41. Truro has 6 full-time firefighters, Chatham has 27 and Orleans has 23.

Provincetown has 68 volunteer firefighters. The Provincetown FD is the only entirely volunteer fire department on the Cape. West Barnstable has the second largest volunteer firefighting force with 40 volunteers. West Barnstable has the Cape's smallest career firefighting force.

When you walk into the WBFD in the evening or anytime on the weekends, there is only one full-time firefighter on duty. The rest of the firefighters that you see are volunteers and maybe one part-time firefighter. In the daytime on weekdays, we typically have two full-time firefighters on duty at the station, along with one part-time firefighter, and any other firefighters you find there are volunteers.



Ten Volunteers & One Career Firefighter on Group 2 Staffing the Fire Station.

Are you interested in volunteering at the WBFD? We are always taking applications and training new volunteers. We need more West Barnstable residents to join us, because much of our force lives in surrounding towns and can't get to the WBFD as fast as West Barnstable residents can. Stop by the fire station and learn more about volunteering, or check us out on Facebook or at our website.

### Call 911

We've noticed an increase in people calling the WBFD on its business phone when they should be calling 911. Your safety depends on calling 911, not the fire station on its business phone line. Even if you think your problem isn't an emergency it is still best to call 911.

911 is the way our system gets activated. It might seem faster to call the fire station, but it usually isn't. When you call the fire station directly, the firefighter you talk to has to take the information and then he/she has to call 911 for you. Skip the middleman and call 911 directly.



When you call the fire station on the business phone, we might not be here to answer the phone. You might get our accountant or a mechanic on the phone, and these people are not trained to handle emergency calls.

When you call 911, your call will (usually) be answered by the Barnstable Police Department. Once the police confirm your



location and that you need EMS or a fire response, they will immediately connect you to the regional fire department dispatcher at the Barnstable Sheriff's Office at Joint Base Cape Cod. That is the dispatcher that activates our paging system and handles your call until we arrive.

### Carbon Monoxide Calls - Advice

Each year the WBFD responds to a half-dozen or so calls for Carbon Monoxide (CO) Alarms. These tend to be in the winter months when homes are closed up tight. We'd like to pass on some advice on how to react when your CO detector goes off.

First, when your CO detector goes off, **call 911** and tell the dispatcher that the alarm is sounding and advise if anyone in your house is sick. The primary symptoms of CO poisoning are headache, dizziness, nausea/vomiting and confusion. **Then go outside and wait for us. Do not** open doors and windows to ventilate your house and remove the CO. Leaving the CO in the house will make it easier for us to find the problem. If you remove the CO, our meters won't have anything to measure and this makes it hard to find the source.



### Comings & Goings

As is our norm, the WBFD saw eight of our firefighters leave in 2019 and we hired twelve new volunteer firefighters.

**John Mahoney** took a career firefighter/paramedic job with the Sandwich Fire Department. John served with the WBFD since 2010. He served as our Group 1 Executive Officer.

**Freddy Nogueira** accepted a career firefighter/EMT position with the Barnstable Fire Department. Freddy was an Engineer (driver/operator of all our apparatus) and volunteered with us since 2012. He was our Group 2 Executive Officer.

**Jennifer Kelleher** joined the Sandwich Fire Department as a career firefighter/EMT. Jenn had served as a volunteer member for a year.

Other volunteers who left us in 2019 include: **PJ Rhude**, a summer seasonal volunteer firefighter who graduated from UMass-Amherst, moved to the Boston Metro area, and started a full-time career as an engineer; **Emma Noyes**, also a summer seasonal volunteer EMT member of the WBFD who left to live full-time in Boston and attend medical school; **Aaron Stewart**, a firefighter since 2017, moved to Boston and works at Mass Port; **Forrest LaBelle** who left due to time constraints from his job, after serving since 2018; and **Parker Kelly** who left after a year of service also because of time demands from his regular job.



And in 2019 we added twelve new volunteer firefighters to the WBFD. They are **Matt Antoine, Shea Allard, Stephen Brunelle, Sean Crimmins, Devon Crowl, Craig Drew, Ryan DiPilato, Kevin Flynn, Brandon Haughton, Austin Maloney, Anthony O'Donnell, and Austin Osborn.**

Eleven new members are currently halfway through their basic Firefighter I/II Training and are expected to take the Commonwealth's firefighter certification exam at the end of February 2020. One new member, **Shea Allard**, moved to Colorado to pursue a job opportunity.

### **Kim Wins an Honor**

**Lieutenant Kim Sylvia** graduated top in her class and won the Outstanding Student Award at the Massachusetts Firefighting Academy (MFA). Kim spent ten weeks at the MFA's Career Recruit Firefighter program in Springfield and graduated on November 22, 2019. The award is given to one student in each training class that demonstrates outstanding commitment and excellence.

Lt. Sylvia is not the WBFD's only winner of this award. **Deputy Chief David Paananen** won the MFA Outstanding Student Award when he graduated in 2001. It is uncommon and a great honor that a department our size has two MFA Outstanding Students among its staff.





## Speaking of Training

The WBFD continues to have an outstanding fire and emergency medical service training program. The typical WBFD firefighter, volunteer, part-time and career, participated in 169 hours of training in 2019. The typical Massachusetts small town department provides less than 100 hours of training per year to its staff. Our commitment to training is a key element in why we can deliver excellent service.

For a detail of each firefighter's training, see the 2019 Training Report in the later pages of this annual report booklet.

Each year, we train a new group of volunteer firefighters. This program runs every Thursday night and every Sunday at the fire station for about 20 weeks and prepares our new firefighters to pass a written and practical firefighter certification test that is based upon National Standards. Very few small fire departments are able to administer and run such a program in-house the way we do. We have an excellent core of both career and volunteer instructors that make this successful. **Captain Troy Jewett** leads this program and has demonstrated a commitment to its success that is second to none.

In 2019, the department sent **Lt. Kim Sylvia** to the Massachusetts Fire Academy's 10-Week Career Recruit Fire Training Class at their facility in Springfield. The WBFD sends all of its new career firefighters to this program. Since we hired three new career firefighters over a short time in 2018, we have two more firefighters still to attend this program, **Lt. Curtis Cottrell** and Firefighter **Andrew Mandel**.

Because the cost of sending a firefighter to the fire academy's recruit class is about \$35,000 per student, the WBFD can only afford to send one student a year. Our plan is for **Lt. Cottrell** to attend in 2020 and **Firefighter Mandel** to attend in 2021.

## Akeem's Accident

Firefighter **Akeem MacPherson** was seriously injured in a motorcycle crash on May 8, 2019 in Hyannis. His injuries were such that we expected he might die from them. The crash has left him a paraplegic, confined to a wheelchair.

This won't keep **Akeem** down. He's visited us at the fire station and is getting around well. His car has been specially equipped with hand controls and he drives. While he's still got a lot of rehabilitation and challenges to face, he is steadily moving ahead. He sets an example in resilience and fortitude for us all.

Join us in letting **Akeem** know that our community and department support him, and that we wish him the best.

## **Firefighter of the Year Awards & More**

It's a tie! The 2019 WBFD Firefighters of the Year are **Steve Kilmurray** and **Ben Stacy**. Both are excellent apparatus driver/operators, and participate in lots of emergency calls. They also help training others. Steve is a part-time member of the department and Ben is a volunteer.

**Lt. Kim Sylvia** won the 2019 WBFD Officer of the Year Award. She was chosen by our staff for intensity, dedication, and leadership.

The 2019 WBFD EMT of the Year went to volunteer firefighter **Stephen Imparato** for his outstanding motivation, competence, and his willingness to help and train others.

Also at the WBFD's Annual Awards Night Dinner at the West Barnstable Deer Club, Volunteer Firefighter **Brendan MacDonald** won an award for physical fitness. Volunteer Firefighters **Jason Stoots** and **Ed Longo** received awards for five years of service, and **Matt Cikins** and **Hank Schneckloth** received three year service awards.

**Lt. Sylvia**, the department's EMS officer, gave out awards for excellent patient care to **Captain Bill Murray**, **Captain Troy Jewett**, **Lt. Curtis Cottrell**, **FF/Medic Austin Osborne**, **FF/EMT Jonathan Robbins**, **FF/EMT Andrew Mandel**, **FF/EMT Austin Maloney**, and **FF/EMT Matt Antoine**.

## **Regionalization**

I sometimes get comments from people revolving around the idea that we could save money at the fire department and reduce purchasing costs with increased regionalization. This is something we are already doing on several fronts and we just don't do a good job telling you about. The WBFD shares a mechanic with the Barnstable FD and we share hydraulic truck lifts and maintenance space. When we purchased our ambulance and engine, we purchased them through the Metropolitan Area Planning Council (MAPC), a Boston area collective purchasing program that allowed us to pay the "bulk" price (and pay the same for the trucks as if we were Boston, Cambridge or Natick). We purchase our firefighters protective clothing through the same program. We purchase gasoline and diesel fuel as part of a multi-department cooperative. We purchase all of our office supplies through Barnstable County's collective procurement program. We share dispatching services with 18 other fire departments.

As we start into 2020, we are negotiating with Sandwich, Cotuit, and Mashpee to share a spare ambulance so that none of us need to maintain a reserve or backup unit.

Strong financial controls, financial planning, and efficiency are something we are always pursuing at the WBFD.



## Fourteen Years as Fire Chief

It's been 42 years since I first became a volunteer firefighter, and I've spent 28 years as a volunteer and 14 years as chief. In 2020, I expect to see between five and seven of the Cape's sixteen fire chiefs retire. This will be the start of the second changeover of chiefs that I've served with since I became chief in 2005. The typical chief is retiring with about 30 years of career fire service. While fire chiefs tend to last longer on Cape Cod than in other parts of Massachusetts, my tenure as your chief has lasted about three times longer than typical. I am rapidly becoming one of the old timers.

At this point in my career, one of the tough parts of the job is staying fresh and continuing to adapt to change, and to plan and execute for the future. It's easy to look back and live off past accomplishments. You have an emotional tendency to try and defend and freeze the past or present against the inevitable future change. After 14 years as chief, I have to work harder at keeping ahead of change. It's both physically and mentally challenging, but it is a very welcome challenge.

As I start into my 15<sup>th</sup> year leading your fire department, I still can't imagine leading any other organization or group of people. It continues to be an honor.

Respectfully Submitted,

Chief Joe Maruca



## West Barnstable Fire District Inspection Data and Building Types

Inspection Data						
Inspection Type	2019	2018	2017	2016	2015	2014
Smoke and Carbon Monoxide Detectors (GL Ch. 26F)	46	53	47	43	42	42
New Fire Alarm Systems	11	9	7	11	9	7
Ammo Storage	3	3	3	3	3	-
Propane Tank Installations	6	-	-	1	2	11
Oil Tank Removals (GL Ch. 21E)	-	5	5	1	2	7
Oil Tank Installations	9	1	6	2	1	4
Oil Burner Installations	-	3	2	6	1	4
Fire Suppression Systems Installations	-	-	-	-	1	-
Fuel Tank Truck	-	5	1	2	-	2
Fire Suppression Systems Installations	-	-	-	-	-	-
Propane Tank Installations - Above Ground	-	7	5	-	-	-
Welding Permits	3	-	-	2	-	-
Propane Tank Installations - Underground	-	2	2	1	-	-
Vent Free Gas Stove	-	-	1	-	-	-
<b>Total</b>	<b>78</b>	<b>88</b>	<b>79</b>	<b>72</b>	<b>61</b>	<b>77</b>

Fire inspections by the WBFD remain stable. This is typical in a village with few new buildings and a stable population. The majority of inspections are for smoke and carbon monoxide alarms that are required at the sale of a home. The general number & type of inspections done by the WBFD are somewhat tied to the economy's ups and downs. More real estate sales and renovations means more inspections. Fewer sales and renovations mean fewer inspections. The inspection trend at the WBFD tends to be a good indicator of economic activity. Deputy Chief David Paananen conducts our fire inspections. Additionally, the department conducts non-enforcement pre-incident inspections of commercial and public buildings as part of its on-going training and fire prevent program.

Building Types						
Type	2019	2018	2017	2016	2015	2014
Single Family Homes	1,160	1,154	1,152	1,149	1,143	1,141
Multiple Houses per Lot	20	20	20	21	21	21
Apartments	4	5	6	6	6	6
Commercial	35	35	34	35	34	35
Industrial	8	8	8	8	8	8
Mixed Use	29	17	18	16	23	24
<b>Total</b>	<b>1,256</b>	<b>1,239</b>	<b>1,238</b>	<b>1,235</b>	<b>1,235</b>	<b>1,235</b>

The number of homes jumped by six in 2019! On average, West Barnstable experiences an annual increase of three homes. It is unclear to the department how the number of mixed-use buildings increased from 17 to 29. There has been significant construction to account for this and it may be the reclassifying of some properties or conversion of some properties. Mixed-use buildings usually indicate a residential use and a business use in one structure. Even with the six new homes, there is no indication of a growth trend. The number and type of buildings in West Barnstable, mostly single-family homes, means our community has a low to moderate fire risk.



**West Barnstable Fire District**  
**Motor Vehicle Crash w/ Extrication Performance**

Incident	Date	Dispatch Time	Arrival Time	Patient Extrication Time	At Hospital Time	Dispatch to Extrication Time (min)	Arrival to Extrication Time (min)	Dispatch to Hospital Time (min)	Notes
<b>2019</b>									
2019-567	11/29/19	9:35 AM	9:38 AM	9:48 AM	10:14 AM	13	10	39	
2019-592	12/18/19	3:29 PM	3:39 PM	3:52 PM	4:07 PM	23	13	39	
<b>Average</b>						<b>18</b>	<b>12</b>	<b>39</b>	
<b>2018</b>									
2018-009	1/4/18	1:54 PM	1:55 PM	1:59 PM		5	4	-	Person extricated from car in flooded road. Not transported to hospital.
2018-232	4/17/18	6:42 PM	6:45 PM	6:55 PM	7:27 PM	13	10	45	
2018-391	7/17/18	1:39 PM	1:45 PM	2:16 PM		37	31	-	Patient transported to South Shore Hospital. Arrival time unavailable.
2018-569	10/29/18	11:00 AM	11:05 AM			-	-	-	No record of patient extrication time. Patient was transferred to Medflight at 11:43.
<b>Average</b>						<b>18</b>	<b>15</b>	<b>45</b>	
<b>2017</b>									
2017-259	6/16/17	5:46 PM	5:53 PM	6:02 PM	6:22 PM	15	9	35	Extricated by SFD
2017-388	8/18/17	9:08 PM	9:29 PM	9:38 PM	9:50 PM	30	9	42	
2017-433	9/2/17	12:54 PM	1:00 PM	1:16 PM	1:30 PM	22	16	36	
2017-578	11/29/17	3:55 PM	4:00 PM	4:16 PM	4:36 PM	21	16	40	
<b>Average</b>						<b>22</b>	<b>13</b>	<b>38</b>	
<b>2016</b>									
2016-043	2/5/16	11:48 AM	11:57 AM	12:02 PM	12:22 PM	14	5	34	
2016-454	9/11/16	12:36 PM	12:40 PM	12:55 PM	1:15 PM	19	15	39	
<b>Average</b>						<b>17</b>	<b>10</b>	<b>37</b>	
<b>2015</b>									
2015-748	12/23/15	12:57 AM	1:02 AM	1:14 AM		17	12	-	Not transported
2015-647	11/5/15	5:25 PM	5:36 PM			-	-	-	Sandwich call, no data
<b>Average</b>						<b>17</b>	<b>12</b>	<b>0</b>	
<b>2014</b>									
2014-231	5/18/14	5:58 AM	6:08 AM	6:19 AM	6:45 AM	21	11	47	
2014-067	2/4/14	7:04 PM	7:09 PM	7:41 PM	8:00 PM	37	32	56	
<b>Average</b>						<b>29</b>	<b>22</b>	<b>52</b>	
<b>2013</b>									
2013-624	12/12/13	8:17 AM	8:21 AM			-	-	-	Sandwich call, no data
2013-609	11/30/13	8:50 PM	8:53 PM	9:10 PM	9:33 PM	20	17	43	
2013-537	10/4/13	11:20 AM	11:24 AM	11:29 AM	11:55 AM	9	5	35	
2013-483	9/1/13	6:37 AM	6:42 AM	7:30 AM	7:41 AM	52	48	64	
2013-474	8/28/13	10:59 AM	10:59 AM	11:06 AM	11:32 AM	7	7	33	Extricated by COMM
2013-279	5/13/13	9:02 AM	9:06 AM	9:19 AM	9:35 AM	17	13	33	
2013-195	3/24/13	5:02 AM	5:11 AM	5:28 AM	5:47 AM	26	17	45	
2013-056	2/2/13	7:03 PM	7:05 PM	7:17 PM	7:36 PM	13	11	32	
<b>Average</b>						<b>21</b>	<b>17</b>	<b>41</b>	

**Comments**

When a patient is trapped in the wreckage of a car or other machinery, it is the goal of the WBFD to extricate them and get them to a hospital within one hour of receiving the 911 call. In 2019, the WBFD performed two extrications and in both cases the patient was at the hospital 39 minutes after receipt of the 911 call by the fire department dispatcher.

There is a significant correlation between the time it takes to get a seriously injured person to the hospital emergency department and mortality rates. The odds of a patient dying are clearly less the sooner they reach the hospital. As for the 60 minute hospital arrival goal, patient mortality is believed to increase significantly for head injuries, intra-abdominal bleeds, and severe thoracic injuries after 60 minutes. These types of injuries are common in serious vehicle crashes.

**West Barnstable Fire District  
Ambulance Billing Activity**

		Billing Activity			Annual % Change in Collected	Collection Rates		Average per Patient			Annual % Change in Collected per Patient
		Billed	Allowed	Collected		Billed	Allowed	Billed	Allowed	Collected	
<b>2019</b>	<b>Number of Patients</b>										
Private Insurance	81	256,005	231,588	176,191		68.8%	76.1%	3,161	2,859	2,175	
Government Insurance	160	504,534	73,902	68,933		13.7%	93.3%	3,153	462	431	
Self Pay	22	68,413	64,818	5,851		8.6%	9.0%	3,110	2,946	266	
<b>Total</b>	<b>263</b>	<b>828,952</b>	<b>370,308</b>	<b>250,975</b>	<b>-3.3%</b>	<b>30.3%</b>	<b>67.8%</b>	<b>3,152</b>	<b>1,408</b>	<b>954</b>	<b>-0.7%</b>

		Billing Activity			Annual % Change in Collected	Collection Rates		Average per Patient			Annual % Change in Collected per Patient
		Billed	Allowed	Collected		Billed	Allowed	Billed	Allowed	Collected	
<b>Historical</b>	<b>Number of Patients</b>										
<b>2019</b>	<b>263</b>	<b>828,952</b>	<b>370,308</b>	<b>250,975</b>	<b>-3.3%</b>	<b>30.3%</b>	<b>67.8%</b>	<b>3,152</b>	<b>1,408</b>	<b>954</b>	<b>-0.7%</b>
2018	270	812,951	333,480	259,427	30.1%	31.9%	77.8%	3,011	1,235	961	28.1%
2017	266	788,389	285,107	199,480	-8.8%	25.3%	70.0%	2,964	1,072	750	-7.5%
2016	270	776,697	319,557	218,804	-9.3%	28.2%	68.5%	2,877	1,184	810	14.9%
2015	342	937,766	369,505	241,284	37.8%	25.7%	65.3%	2,742	1,080	706	10.8%
2014	275	419,554	227,490	175,058	0.5%	41.7%	77.0%	1,526	827	637	14.4%
2013	313	372,638	185,225	174,232	-1.0%	46.8%	94.1%	1,191	592	557	-9.5%
2012	286	397,550	226,694	175,963	-11.0%	44.3%	77.6%	1,390	793	615	6.4%
2011	342	402,634	244,691	197,757	45.9%	49.1%	80.8%	1,177	715	578	12.6%
2010	264	282,457	162,793	135,514	1.8%	48.0%	83.2%	1,070	617	513	4.5%
2009	271	251,920	158,594	133,084	10.6%	52.8%	83.9%	930	585	491	-0.8%
2008	243	212,660	137,685	120,327	-2.4%	56.6%	87.4%	875	567	495	15.6%
2007	288	217,407	150,328	123,330		56.7%	82.0%	755	522	428	

**Number of Patients**

	Private Insurance			Government Insurance			Self Pay			Total		
	ALS	BLS	Total	ALS	BLS	Total	ALS	BLS	Total	ALS	BLS	Total
2019	58	23	81	129	31	160	16	6	22	203	60	263
2018	54	19	73	136	35	171	21	5	26	211	59	270
2017	43	19	62	141	42	183	17	4	21	201	65	266
2016	50	20	70	131	43	174	15	11	26	196	74	270
2015	71	33	104	147	64	211	14	13	27	232	110	342
2014			85			154			36			275
2013			187			94			32			313
2012			143			123			20			286
2011			129			178			35			342
2010			123			115			26			264
2009			112			133			26			271
2008			114			110			19			243
2007			144			115			29			288

**Comments**

Ambulance revenue was down slightly (3.3%) in 2019. The drop in revenue is a result of fewer patients and a 0.7% drop in the amount per patient we were able to collect. In dollars, the drop represented about \$9000. Making up that \$9000 represents about a 1/2% increase in the fire district's tax levy. This demonstrates the importance of ambulance revenue to the community and the department. Also, about 60% of our patients are over 65 years old and on Medicare (or a similar government insurance program). The department estimates that most communities in Massachusetts have about 36% of their patients on government insurance. This means we collect significantly less money per patient than the typical community.



**West Barnstable Fire District  
Calendar Year 2019 Compensation**

Career Firefighters/ Paramedics	Regular Earnings	Overtime Earnings	Total Earnings	Overtime Hours	Average Weekly Overtime Hours	Average Total Hours per Week
Cottrell, Curtis	65,753	39,339	105,091	866	16.7	58.7
Jewett, Troy	81,925	58,753	140,678	1,094	21.0	63.0
Mandel, Andrew	54,611	15,254	69,865	368	7.1	47.1
Murray, William	81,425	70,049	151,473	1,306	25.1	67.1
Sylvia, Kimberley	67,558	54,444	122,002	1,247	24.0	66.0
<b>Total</b>	<b>351,271</b>	<b>237,839</b>	<b>589,110</b>	<b>4,881</b>		

Call/Volunteer Firefighters	Earnings
Andrewski, Christian	4,126
Cikins, Matthew	7,746
Crosby, Robert	2,250
Crowley, Edward	1,927
Diaz, Ian	7,740
Gallagher, Connor	2,511
Garafoli, John	6,164
Hall, Jeffrey	1,381
Heckler, Andrew	1,330
Herbert, Molly	1,954
Herges, Andrew	3,336
Imparato, Stephen	3,916
Leary, Jordan	2,642
Longo, Edward	1,415
Looney, Michael	2,197
Macdonald, Brendan	7,930
Mahoney, John	2,684
Monterrey, Alexander	333
Nogueira, Frederico	446
O'Connor, Christopher	4,832
Rhude, Paul	27
Robbins, Jonathan	6,421
Schneckloth, Charles	964
Stacy, Benjamin	7,326
Stewart, Aaron	329
Stoots, Jason	2,596
Walsh, Luke	6,083
Wasierski, Thomas	1,693
<b>Total Call/Volunteer</b>	<b>92,299</b>

Other	Earnings
<b>Part-Time Firefighters/EMTs</b>	
Fyre, Steven	26,703
Kilmurray, Steven	25,296
Melanson, Stephanie	4,735
Tatzel, Rebecca	19,833
Young, Kevin	6,803
<b>Part-Time Maintenance</b>	
Ill, Eric	3,123
<b>Administration</b>	
Maruca, Joseph (Chief)	113,034
Paananen, David (Deputy Chief)	101,839
Jacob, Nanette (Records Access Officer)	2,160
King, Janice (Admin Asst)	2,490
Scozzarella, Heather (Admin Asst)	24,771
Henson, Roger	1,200
Lesiak, Walter	1,800
Queenan, Joseph	1,200
<b>District Treasurer</b>	
Pirrone, Raymond	20,511
<b>District Accountant</b>	
Rao, Susan	18,573
<b>Prudential Committee</b>	
Grace, Elaine (Clerk)	7,125
Northcross, Walter	625
Schulman, Stuart	625
Smith, Edward	625
<b>Moderator/Town Collector</b>	
Mitchell, Kate (Moderator)	100
<b>Total Other</b>	<b>383,170</b>

Summary	Earnings
Career Firefighters/Paramedics	589,110
Call/Volunteer Firefighters	92,299
Part-Time FF/EMTs	83,368
Part-time Maintenance	3,123
Administration, Staff, Elected/Appointed	296,679
<b>Total</b>	<b>1,064,579</b>



**West Barnstable Fire District**  
**Overtime Hours by Type**

<b>Fiscal Year 2019 Hours</b>													
<b>Overtime Type</b>	<b>Jul 18</b>	<b>Aug 18</b>	<b>Sep 18</b>	<b>Oct 18</b>	<b>Nov 18</b>	<b>Dec 18</b>	<b>Jan 19</b>	<b>Feb 19</b>	<b>Mar 19</b>	<b>Apr 19</b>	<b>May 19</b>	<b>Jun 19</b>	<b>Total</b>
Emergency Calls	94	86	74	89	59	102	87	99	153	124	87	97	1,150
Shift Cov-Monday	-	-	-	-	10	-	-	-	-	-	-	-	10
Shift Cov-Vac	10	34	83	31	62	20	30	34	24	-	-	-	328
Shift Cov-Sick-Doc	216	195	-	-	10	2	-	-	27	-	-	-	450
Shift Cov-Injury	-	-	-	-	-	-	-	-	-	-	-	-	-
Shift Cov-(Group 1)	-	-	192	192	192	192	192	192	192	192	192	192	1,920
Shift Cov-Meetings	-	-	-	-	-	-	-	-	-	-	-	-	-
Shift Cov-Jury Duty	-	-	-	-	-	-	-	-	-	-	-	-	-
Shift Cov-Training	-	-	8	17	44	10	22	37	56	46	79	115	433
Shift Cov-Fire Prev.	-	-	-	-	-	-	-	-	-	-	2	-	2
Shift Cov-Detail	-	-	-	-	-	-	-	-	-	-	-	-	-
Shift Cov-Fire Acad.	-	-	-	-	-	-	-	-	-	-	-	-	-
Shift Cov-Bereave	-	-	-	-	-	-	-	-	-	-	-	-	-
Shift Cov-Retirement	-	-	-	-	-	-	-	-	-	-	-	-	-
Shift Cov-Holiday	-	-	-	-	-	-	-	-	-	-	-	-	-
Public Education	-	3	-	-	-	-	-	-	-	-	-	-	3
Shift Cov-Cis	-	-	-	-	-	-	-	-	-	-	-	-	-
Public Education	-	3	-	-	-	-	-	-	-	-	-	-	3
Training	27	26	38	63	42	37	96	29	51	84	154	44	690
Fire Prevention	-	-	-	-	-	-	-	-	9	6	-	23	38
Storm Coverage	-	-	-	-	-	-	-	7	-	10	5	-	22
Special Detail	-	3	8	23	15	12	-	-	-	-	-	15	75
Staff Mtg.	-	-	-	4	6	3	2	-	6	-	4	4	29
Court Appearance	-	-	-	-	-	-	-	-	-	-	-	-	-
Hiring Committee	-	-	-	1	-	-	4	22	-	-	-	-	27
<b>Total</b>	<b>347</b>	<b>350</b>	<b>402</b>	<b>420</b>	<b>439</b>	<b>378</b>	<b>433</b>	<b>420</b>	<b>518</b>	<b>462</b>	<b>523</b>	<b>490</b>	<b>5,178</b>

<b>Historical Hours</b>													
<b>Fiscal Year</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Total</b>
<b>FY19</b>	<b>347</b>	<b>350</b>	<b>402</b>	<b>420</b>	<b>439</b>	<b>378</b>	<b>433</b>	<b>420</b>	<b>518</b>	<b>462</b>	<b>523</b>	<b>490</b>	<b>5,178</b>
FY18	309	321	353	339	341	316	473	330	434	442	523	459	4,639
FY17	513	391	353	326	359	382	462	375	310	458	446	474	4,846
FY16	305	310	484	486	466	384	290	386	279	248	424	452	4,511
FY15	297	258	484	437	407	341	524	351	487	324	429	513	4,849
FY14	423	319	304	382	403	423	462	318	300	309	438	361	4,439
FY13	282	296	321	463	335	234	367	450	380	436	358	419	4,336
FY12	322	448	384	407	414	359	435	240	387	415	418	428	4,655

**Comments**

Overtime for the WBFD's career firefighters increased in 2019 mostly due to being short a career firefighter/paramedic for Group 1. This meant the department's other three firefighter/paramedics had to take turns covering the Group 1 shifts to ensure that the department had a paramedic on-duty 24/7. There was no qualified part-time staff to cover much of this need. Otherwise, the primary reasons for overtime were emergency callback, training, and vacation/sick time shift coverage.



## West Barnstable Fire District Busiest Locations

Busiest Locations							
Year	Route 6	CCCC	Burger King Complex Partially	Kimber Woods	Lombard Farms	YMCA	Knight's Inn / Craigville Motel
	Tax Exempt	Tax Exempt	Tax-Exempt	Tax Exempt	Tax Exempt	Tax Exempt	
2019	30	38	29	16	8	9	5
2018	46	43	26	18	5	12	5
2017	39	47	25	20	6	9	3
2016	42	31	25	21	4	17	3
2015	55	32	30	18	15	11	4
2014	35	43	15	27	9	8	23
2013	40	49	17	19	5	8	37
2012	28	48	30	24	10	8	29
2011	37	52	26	19	15	20	21
2010	36	39	11	21	17	14	21
2009	47	41	18	6	12	22	9
2008	60	39	22	0	0	12	4

Trailing Five Year Averages							
2015-2019	42	38	27	19	8	12	4

### Comments

The location that the WBFD responded to the most in 2019 was the Cape Cod Community College (38 emergency calls). Route 6 (30 emergency calls) was the next busiest location. These two spots, Route 6 and College, have historically been the two busiest locations for emergency calls in West Barnstable. This trend doesn't show any sign of changing.



**West Barnstable Fire District**  
**Calls by Type**

Type of Call	2019	2018	2017	2016	2015	2014
Animal Rescue	1	3	3	-	6	3
Assist Police	9	15	8	10	6	7
Automatic Fire Alarm	53	71	69	61	76	41
Boat Fire	1	-	-	-	1	-
Burning Without a Permit	7	6	8	3	3	4
Carbon Monoxide	7	7	6	2	2	2
Cellar/Water Pumping	4	5	7	1	4	4
Dumpster Fire	-	-	-	-	1	-
Elevator Rescue	-	2	3	-	1	-
EMS	308	309	302	319	379	328
Explosion/Rupture/Overhead	7	2	4	2	2	3
Hazmat	8	11	11	9	12	7
High-angle Rescue	-	-	-	1	-	-
Motor Vehicle Crashes versus Pedestrian	2	-	2	2	1	-
Motor Vehicle Crashes with Injury	24	29	32	24	23	28
Motor Vehicle Crashes without Injury	18	27	22	20	28	19
Motor Vehicle Fire	2	4	7	3	3	1
Mutual Aid - EMS	18	25	23	30	45	45
Mutual Aid - Fire	18	10	4	17	9	12
Mutual Aid - MVC	8	5	15	10	19	11
Mutual Aid - Other	13	11	11	25	18	18
Mutual Aid - Coverage	16	10	10	18	15	15
Oil Burner Malfunction	-	1	-	-	-	1
Other	2	1	-	1	1	3
Outside Equipment Fire	1	-	-	-	-	-
Prescribed Fire (Local and Regional)	2	-	2	3	10	-
Public Assist	29	38	26	21	34	32
Ring or Jewelry Removal	-	1	1	3	4	-
Smoke in the Building	5	3	-	3	3	4
Standby/Coverage	1	-	-	1	1	1
Structure Fire	2	3	4	-	3	2
Structure Fire - Chimney Fire	-	-	2	1	-	1
Structure Fire - Cooking Fire	1	2	1	2	2	-
Structure Fire - Electrical Fire	5	5	2	2	6	3
Structure Fire - Trash Fire	-	-	1	1	-	-
Unfounded/Mistakes/False	18	22	20	21	22	20
Utility Pole Fire/Wires Down	5	16	10	4	10	6
Water Rescue	1	-	2	-	4	2
Weather Emergencies	6	9	2	-	1	2
Wildland Fires	7	8	8	9	5	5
<b>Total</b>	<b>609</b>	<b>661</b>	<b>628</b>	<b>629</b>	<b>760</b>	<b>630</b>

**Comments**

The trend that appears to be emerging is that emergency incidents in West Barnstable have stopped increasing and are stabilizing. While 2019 saw a drop in calls, the past five of six years all show a similar number and mix of emergencies. This is particularly apparent when looking at emergency medical service (EMS) calls.



**Capital Plan – Apparatus  
West Barnstable Fire District  
December 31, 2019**

Apparatus	Purchase Date	Purchase Price	Life Expectancy	Next Replacement Date	Replacement Price (Estimate) 2019 Dollars	Years to Replacement
Engine-Tanker 296 3000 Gallons	1985	\$150,000	35 Years	2020	\$800,000	Due
Squad 287 F-350 4x4 Utility Body	2004	\$26,000	20 Years	2024	\$50,000	4 years
Ladder 297 <sup>1</sup> 75' Aerial/Quint	2005	\$350,000	Expired	None		
Humvee <sup>2</sup>	2016	\$1	10 Years	2026	\$1	6 years
Ambulance 293	2018	\$250,000	10 Years	2028	\$250,000	8 years
Car-280 F-150 4x4	2019	\$42,000	10 Years	2029	\$42,000	9 years
Air Trailer <sup>3</sup>	2010	\$1	20 Years	2030	\$85,000	10 years
Lighting/Generator Trailer (6KW) <sup>4</sup>	2005	\$1	25 Years	2030	\$5500	10 years
Forestry 290 <sup>5</sup> F-450 4x4 200 Gallon Skid	2011		20 Years	2031	\$80,000	11 years
Tanker 286 <sup>6</sup> 5000 Gallons	2007	\$1 \$25,000	25 Years	2032	\$275,000	12 years
Engine 294	2018	\$500,000	20 Years	2038	\$500,000	18 Years
Forestry 295 <sup>7</sup> 500 Gallon Skid	2018	\$1/\$15K	20 Years	2038	Pending	20 Years
Water Buffalo #1 <sup>8</sup> 500 Gallons		\$1	Obsolete	Unscheduled		
Water Buffalo #2 450 Gallons		\$1	Obsolete	Unscheduled		
Deputy Chief SUV	Planned	\$45,000	10 Years	Unscheduled		
Chief SUV	Planned	\$45,000	10 Years	Unscheduled		

<sup>1</sup> L-297 Purchased with Federal Grant Money -- \$50,000 cost to WBFD/\$300,000 Federal share

<sup>2</sup> Humvee – Military Surplus - \$1 cost to WBFD

<sup>3</sup> Air Supply Trailer Purchased with Federal Grant Money - \$1 cost to WBFD

<sup>4</sup> Lighting Unit Purchased with Federal Grant Money -- \$0 cost to WBFD

<sup>5</sup> F-290 – Ford F-450 Chassis donated to WBFD - \$15,000 in modifications by WBFD

<sup>6</sup> Tanker 286 – Military Surplus – Truck \$0 Cost to WBFD - \$35,000 in modifications by WBFD

<sup>7</sup> F-295 – Military Surplus – Truck \$1 Cost to WBFD - \$15,000 Slide On Skid Unit Bought by WBFD

<sup>8</sup> Water Buffalos- Military Surplus - \$1 Cost to WBFD

**West Barnstable Fire District  
Training Hours -2019**

Actual Hours																		
Name	Rank	Full Year	Fire Training	Hazmat Training	Driver Training	New Driver Training	Officer Training	Recruit Training	Facility Training	Pre-Planning Review	EMS	MVC/ Extrication	Wildland / Brush	Other	Total Hours	Fitness/ PT	Total Hours with PT	
Command Staff																		
Maruca, Joseph	Chief	Yes	76	9	-	-	47	10	-	2	31	3	-	8	184	81	265	
Paananen, David	Deputy	Yes	58	8	3	-	5	3	-	-	28	2	-	-	105	1	106	
Jewett, Troy	Capt.	Yes	103	7	90	-	2	14	-	-	24	5	7	1	252	5	256	
Murray, William	Capt.	Yes	154	9	37	-	9	6	1	2	34	5	3	3	261	12	273	
Cottrell, Curtis	Lieut.	Yes	114	10	76	-	10	11	1	2	47	6	5	5	285	35	320	
Sylvia, Kimberly	Lieut.	Yes	145	6	22	-	30	483	1	2	53	3	2	7	752	269	1,021	
Diaz, Ian	Lieut.	Yes	91	4	18	-	10	11	-	2	34	-	-	3	172	117	289	
Frye, Steven	Lieut.	Yes	131	7	86	-	15	11	-	2	44	3	1	4	303	117	419	
Garofoli, John	Lieut.	Yes	110	2	28	-	1	7	-	2	18	4	4	5	179	4	183	
Walsh, Luke	Lieut.	Yes	83	5	25	-	6	9	-	-	34	15	1	4	181	165	346	
Mandel, Andrew	Engineer	Yes	52	5	18	-	17	5	-	2	31	8	-	4	141	6	146	
Firefighters/EMTs																		
Andrewski, Christian		Yes	88	4	16	-	5	-	1	2	25	15	1	4	160	5	165	
Cikins, Matthew		Yes	83	14	35	-	9	-	-	-	15	6	5	3	167	37	204	
Crosby, Robert		Yes	59	6	22	-	-	2	-	2	37	3	2	3	134	43	177	
Gallagher, Connor		Yes	68	1	13	-	1	1	-	-	21	2	1	1	109	4	112	
Hall, Jeffrey		Yes	49	6	8	-	2	1	-	-	31	4	1	-	101	347	448	
Herbert, Molly		Yes	31	7	22	-	1	5	-	-	12	4	7	-	88	30	117	
Imparato, Stephen		Yes	87	8	27	-	1	-	-	-	39	2	-	-	164	82	245	
Kilmurray, Steven		Yes	122	4	99	-	1	6	-	-	24	5	4	8	271	95	366	
Leary, Jordan		Yes	75	5	11	-	2	-	-	2	21	4	1	1	120	12	132	
Longo, Edward		Yes	5	-	2	-	-	-	-	-	15	-	-	-	22	-	22	
Looney, Michael		Yes	71	4	13	-	1	1	-	-	27	3	1	-	121	105	225	
Macdonald, Brendan		Yes	77	12	19	-	1	13	-	2	39	3	1	11	177	593	769	
Melanson, Stephanie		Yes	18	-	6	-	-	-	-	-	3	-	-	-	27	-	27	
Murray, Seamus		Yes	12	1	3	-	-	1	-	-	10	3	4	-	33	3	36	
Robbins, Jonathan		Yes	125	11	25	-	2	6	-	2	42	2	2	1	216	223	438	
Stacy, Benjamin		Yes	97	7	51	-	-	4	-	-	23	1	-	4	187	52	238	
Stoots, Jason		Yes	57	6	18	-	-	-	1	-	16	5	1	1	104	1	104	
Tatzel, Rebecca		Yes	54	5	15	-	2	-	-	-	32	2	1	3	113	4	116	
Wedge, Joshua		Yes	35	4	15	-	-	-	-	-	15	6	-	-	73	4	76	
Young, Kevin		Yes	9	5	-	-	-	6	-	2	6	-	-	1	28	-	28	
Allard, Shea		No	43	2	-	-	-	20	-	-	4	-	-	-	68	1	69	
Amick, Michael		No	5	1	-	-	-	-	-	-	2	-	-	-	8	-	8	
Antoine, Matthew		No	127	10	-	15	1	28	-	2	32	5	-	-	219	41	260	
Brunelle, Stephen		No	127	10	-	18	1	28	-	2	27	7	-	-	218	1	219	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-	-	6	-	-	-	-	-	-	6	-	6	
Clark, Justin		No	-	-	-	-												



## West Barnstable Fire District Fire Loss Data

### 2019 Fire Loss Data by Property Type

Incident Type	Count	Total Value	Total Losses	Total Saved	Percent Saved
Structure Fire	1	\$ 55,000	\$ 5,100	\$ 49,900	90.73%
Vehicle Fire	1	\$ 10,000	\$ 10,000	\$ -	-
Outside Equipment Fire	1	\$ 1,500	\$ 1,500	\$ -	-
Boat Fire	1	\$ 100	\$ 100	\$ -	-
<b>Total</b>	<b>4</b>	<b>\$ 66,600</b>	<b>\$ 16,700</b>	<b>\$ 49,900</b>	<b>74.92%</b>

### Fire Loss Data by Year

Year	Count	Total Value	Total Losses	Total Saved	Percent Saved
<b>2019</b>	-	<b>\$ 66,600</b>	<b>\$ 16,700</b>	<b>\$ 49,900</b>	<b>74.92%</b>
2018	-	\$ 3,080,900	\$ 32,000	\$ 3,048,900	98.96%
2017	-	\$ 1,896,100	\$ 721,000	\$ 1,175,100	61.97%
2016	-	\$ 5,431,001	\$ 13,901	\$ 5,417,100	99.74%
2015	-	\$ 226,020	\$ 25,020	\$ 201,000	88.93%
2014	-	\$ 817,300	\$ 215,000	\$ 602,300	73.69%

### Comments

West Barnstable fire losses in 2019 were nominal at \$49,900. This is lowest level ever. Essentially this indicates that there were fewer fires than normal and that the department's fire prevention and suppression operations are effective.



## Grant Success

### West Barnstable Fire Department

The WBFD is highly successful at obtaining grant money and in-kind surplus as a means of providing for the capital needs of the fire district. Since 2001, the department has received \$1,130,592 in grant money and \$433,866 in surplus property.

#### Competitive Grants Received:

2001 AFG Grant for EMS Jackets	\$ 7500
2002 AFG Grant for Wildland Personal Protective Equipment	\$ 4715
2003 AFG Grant for Structural Fire Personal Protective Equipment	\$ 27,939
2004 AFG Grant for to purchase a used Ladder Truck (L-297)	\$ 300,000
2004 AFG Grant for a Computer & Printer	\$ 2166
2005 VFA Grant for Wildland Firefighting Equipment	\$ 2000
2006 Southeastern Regional Homeland Security Grant – Lighting Trailer	\$ 8000
2006 VFA Grant for Wildland Firefighting Equipment	\$ 2000
2007 AFG Grant for Self-Contained Breathing Apparatus (SCBA)	\$ 95,000
2007 VFA Grant for Wildland Firefighter Equipment	\$ 1725
2009 AFG Grant for Diesel Exhaust System for Fire Station	\$ 36,000
2010 VFA Grant for Firefighting Foam	\$ 1368
2010 AmeriCorps Cape Cod Grant – Planning	\$ 14,500
2011 Southeastern MA EMS Council Grant for Ambulance Computer	\$ 5200
2011 Southeastern Regional Homeland Security Grant – Air Trailer	\$ 78,000
2012 AFG Grant for Training Software	\$ 8,600
2012 VFA Grant for Wildland Firefighting Equipment & Foam	\$ 1778
2012 AmeriCorps Cape Cod Grant – Planning	\$ 14,500
2013 VFA Grant for Foam & Chainsaws	\$ 1778
2013 Barnstable County Grant for Wildland Fire Training	\$ 4581
2014 AFG Grant for Propane Fire Prop	\$ 11,875
2014 SAFER Grant for Hiring Deputy Fire Chief	\$ 252,203
2014 MEMA Grant for Fire Station Windows	\$ 56,250
2014 VFA Grant for Wildland Firefighting Equipment	\$ 2000
2014 AFG Grant for Rapid Intervention Packs/Equipment	\$ 11,240
2018 AFG Grant for Mobile and Portable Radios	\$120,307
2019 Massachusetts Gloves & Hoods	\$2951
2019 Massachusetts Gear Washing Machine	\$6416

Total Grant Money Received:	<b>\$1,080,592</b>
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#### Federal Surplus Property Received:

6 Office Chairs	\$1200
110 Training Room Chairs	\$16,500
14 Tables	\$6720



Industrial Sewing Machine	\$6288
5 Chain Saws	\$1750
Hydraulic Rescue Tool "JAWS of Life"	\$37,686
26 Safety Goggles	\$2470
Mechanic's Truck Lift	\$14,000
HUMMWV "Humvee"	\$41,061
Tri Max 30 CAFS Extinguisher	\$14,976
LMTV – 5 Ton Truck	\$104,626
Trailer Mounted Generator/HVAC System	\$86,365
Box Trailer	\$6100
1991 Oshkosh Fuel Truck	\$94,124
<b>Total Value of Surplus Received:</b>	<b>\$433,866</b>

#### **Regional Grant Participation:**

2014 AFG Regional Grant for RIT Training (shared with 5 departments) \$ 50,000  
 \$289,121, about \$50,000 of this can be attributed to the WBFD

Grant Funds Received:	\$ 1,080,592
Surplus Property Value Received:	\$ \$433,866
Regional Grant Share	\$ 50,000

**Total Received by WBFD: \$1,564,458**



*Two of the Three Fire Trucks in this Photo were Paid for with Federal Funds – A cash grant and federal surplus property.*

## West Barnstable Fire District Emergency Response Times

Response time is measured from the time the dispatcher answered the 911 call to the time the 1st fire unit arrived on location. Response times are shown in minutes and seconds.

	2019	2018	2017	2016	2015	2014
<b>Fire</b>						
Number of Incidents	12	14	13	13	14	7
90th Percentile Time	08:00	07:38	07:50	10:03	07:07	09:06
50th Percentile Time	06:00	04:48	04:26	06:51	04:53	05:45
<b>EMS</b>						
Number of Incidents	294	276	271	295	347	277
90th Percentile Time	07:36	07:00	07:24	07:22	07:25	07:27
50th Percentile Time	05:00	05:00	04:58	05:03	04:37	04:57
<b>MVC</b>						
Number of Incidents	37	46	45	41	49	41
90th Percentile Time	07:00	08:16	06:55	07:13	09:32	08:26
50th Percentile Time	05:00	03:46	04:17	04:03	04:57	04:17
<b>Other</b>						
Number of Incidents	171	222	187	146	210	180
90th Percentile Time	09:00	10:28	09:29	08:25	08:36	08:29
50th Percentile Time	05:38	05:38	05:39	05:14	05:01	05:07
<b>All Incident Types</b>						
Number of Incidents	514	558	516	495	620	505
90th Percentile Time	08:00	08:14	08:02	07:54	07:55	08:01
50th Percentile Time	05:06	05:09	05:06	05:03	04:49	04:56

### Comments

The WBFD is fast. There are few communities our size that can provide an ambulance or a fire engine with an excellent trained crew as fast we can. We are providing response times that are commensurate with bigger, more heavily staffed and better resourced fire/ems departments. The department attributes this to the morale and dedication of our staff.

\*90% Response Time means that the West Barnstable Fire Department arrived at an emergency scene within or sooner than the time shown 90% of the time.

\*\*Average Response Time indicates that half of the time the WBFD will arrive sooner than the time shown, and half of the time it will arrive later than the time shown. The 90% Response Time is a more accurate and reliable expectation for the WBFD to respond to any particular incident.



## West Barnstable Fire District Mutual Aid Summary

Mutual Aid Given											
	2019						2018	2017	2016	2015	2014
	EMS	Fire	MVC	Other	Coverage	Total					
Barnstable	7	8	5	5	3	28	28	36	52	60	54
COMM	1	1	2	1	4	9	6	10	8	9	9
Hyannis	1	1	-	1	-	3	2	2	3	2	2
Cotuit	-	-	-	-	1	1	1	-	2	-	1
Sandwich	9	6	1	6	3	25	21	14	30	30	28
Mashpee	-	1	-	-	-	1	-	-	2	-	1
Falmouth	-	-	-	-	1	1	-	-	-	3	4
Bourne	-	-	-	-	1	1	-	-	-	-	1
Yarmouth	-	1	-	-	1	2	1	-	-	1	-
Dennis	-	-	-	-	-	-	-	1	-	1	-
Harwich	-	-	-	-	-	-	-	-	2	-	-
Eastham	-	-	-	-	-	-	-	-	1	1	1
Wellfleet	-	-	-	-	2	2	-	-	-	2	-
Truro	-	-	-	-	-	-	2	-	-	-	-
Brockton	-	-	-	-	-	-	-	-	-	1	-
JBCC	-	-	-	-	-	-	-	2	3	2	-
<b>Total Mutual Aid Given</b>	<b>18</b>	<b>18</b>	<b>8</b>	<b>13</b>	<b>16</b>	<b>73</b>	<b>61</b>	<b>65</b>	<b>103</b>	<b>112</b>	<b>101</b>
Total WBFD Incidents	609						661	628	629	760	630
Percent Mutual Aid Given	12.0%						9.2%	10.4%	16.4%	14.7%	16.0%

Mutual Aid Received						
	2019	2018	2017	2016	2015	2014
<b>Total Mutual Aid Received</b>	<b>20</b>	<b>42</b>	<b>47</b>	<b>31</b>	<b>27</b>	<b>24</b>
Total WBFD Incidents	609	661	628	629	760	630
Percent Mutual Aid Received	3.3%	6.4%	7.5%	4.9%	3.6%	3.8%

### Comments

In 2019, the WBFD required assistance from its neighbors only 20 times or 3.3% of the time. This data indicates that the WBFD is has staffing, equipment, participation, and a deployment plan that meets our needs. The department typically only needs mutual aid assistance when we need two ambulances for a motor vehicle accident, have an overlapping emergency call, or a serious fire. In 2019, 12% of the WBFDs emergency calls were mutual aid to other communities, primarily Barnstable and Sandwich.



## 2019 REPORT OF WHELDEN MEMORIAL LIBRARY

On behalf of the officers, trustees and library staff of Whelden Memorial Library, I would like to express our deepest gratitude to the West Barnstable Fire District Prudential Committee, Fire Chief Joseph Maruca and his staff, and the citizens of the West Barnstable Fire District for their continued financial and community support of the library.

Our aging building requires more attention every year, and more than ever, your support is critical. We were able to finish the interior painting and update bathroom flooring through the auspices of the Sheriff's Inmate Work Program. A baby changing table was installed in one bathroom, courtesy of the Friends of Whelden Library. The handicap ramp was repaired, the basement sump pump replaced, and other needed repairs were completed, often in non-public areas of the library, but essential for continued safe use of the building.

The Friends of Whelden Library and the Board of Trustees continued to sponsor successful fundraising events, such as bi-monthly book sales, Holiday Boutique, and bottle and can recycling at the Barnstable Transfer Station, and participation in the Annual Village Festival and the Cape Cod Hydrangea Festival. These funds contributed significant financial support for the annual operating expenditures of the library.

Bob Stolte received Whelden's Annual "Citizen of the Year" award from the Board of Trustees at the 2019 Village Festival for his work with the West Barnstable Fire Department and the West Barnstable Civic Association and in the West Barnstable community.

The library offered 329 programs, many in collaboration with Mass Audubon Long Pasture Wildlife Sanctuary and the Cape Cod Cooperative Extension. Other workshops, author talks and lectures, and social media programs rounded out the library's outreach to the community. We also established an active Children's Program with weekly story hours, monthly family movies and other programs designed to increase literacy in all realms.

With your support, Whelden strives to offer the best services, programs and materials. We have been working hard to update our collection and have recently been focusing on updating our children and youth room. The Trustees and the Director have begun work to examine our mission and create and updated strategic plan to ensure Whelden's existence into the future.

Please keep up-to-date with all the library's events and activities by visiting our website [www.wheldenlibrary.org](http://www.wheldenlibrary.org) or by signing up for our newsletter!

At this year's Annual District Meeting, we are again asking citizens of the West Barnstable Fire District to support an appropriation of \$15,000 for FY2021, the same amount as Whelden requested last year. With utmost gratitude, we thank all of you for your support.

Respectfully submitted,

Kelly Depin, Director  
Whelden Memorial Library





**FISCAL YEAR 2021 ANNUAL MEETING WARRANT of the  
WEST BARNSTABLE FIRE DISTRICT**

March 11, 2020

To: Elaine L. Grace, Clerk of the West Barnstable Fire District

Greetings:

You are hereby directed to notify the voters of the West Barnstable Fire District to meet at the West Barnstable Community Building, 2377 Meetinghouse Way (Route 149), West Barnstable, Massachusetts, on **Wednesday, April 29, 2020** between the hours of **5:00 PM** and **7:00 PM** to bring their votes for the following officers:

**One Prudential Committee member for three (3) years**

**One Water Commissioner for three (3) years**

**One Moderator for three (3) years**

And immediately thereafter to meet and act upon the following **Articles**:

**Article 1.** To act upon the **2019 Reports of the Officers**, as printed in the **2019 Annual Report**, and distributed to the voters of the West Barnstable Fire District. **(Prudential Committee recommends favorable action).**

**Article 2.** To see if the District will vote to authorize the Treasurer, with the approval of the Prudential Committee, to borrow money from time to time in anticipation of the revenue of the **2021 Fiscal Year beginning July 1, 2020**, in accordance with General Laws, Chapter 44, Section 4, and acts in amendment thereof, and including in addition thereto, Chapter 849 of the Acts of 1969, as amended, and to renew any note or notes as may be given for a period of one year or less in accordance with General Laws, Chapter 44, Section 17. **(Prudential Committee recommends favorable action.)**

**Article 3.** To see what sum the District will vote to raise and appropriate or transfer and appropriate from available funds in **Fiscal Year 2021** for streetlight service or to take any other action relative thereto. **(Prudential Committee recommends raise and appropriate the sum of Five Thousand Dollars (\$5,000.00)).**

**Article 4.** To see what sum the District will vote to raise and appropriate or transfer and appropriate from available funds in **Fiscal Year 2021** for debt service or to take any other action relative thereto. **(Prudential Committee recommends raise and appropriate and transfer and appropriate the total sum of Thirty-five Thousand Two Hundred Thirty-six Dollars (\$35,236.00)).**

**Article 5.** To see what sum the District will vote to raise and appropriate and transfer or appropriate for District salaries from available funds in **Fiscal Year 2021** for the following officers: Moderator, District Treasurer, District Accountant, District Clerk, Prudential Committee, and Records Access Officer or to take any other action relative thereto. **(Prudential Committee recommends raise and appropriate the sum of Sixty-two Thousand Ninety Dollars (\$62,090.00))**

**Article 6.** To see what sum of money the District will vote to raise and appropriate or transfer and appropriate from available funds for the ordinary operating expenses of the District in **Fiscal Year 2021** or to take any other action relative thereto. **(Prudential Committee recommends raise and appropriate the sum of Fifty Thousand One Hundred Fifty Dollars (\$50,150.00)).**

**Article 7.** To see what sum the District will vote to raise and appropriate or transfer and appropriate from available funds for the operation of the West Barnstable Fire Department in **Fiscal Year 2021**, said funds to be expended under the direction of the Fire Chief, or to take any action relative thereto. **(Prudential Committee recommends raise and appropriate the sum of One Million Four Hundred Sixty-one Thousand Six Hundred Fifty-Five Dollars (\$1,461,655.00)).**

**Article 8.** To see what sum the District will vote to raise and appropriate or transfer and appropriate from available funds to fund miscellaneous district obligations in **Fiscal Year 2021** or to take any other action relative thereto. **(Prudential Committee recommends raise and appropriate and transfer and appropriate the total sum of Four Hundred Forty Thousand Seven Hundred Seventy-five Dollars (\$440,775.00)).**

**Article 9.** To see what sum the District will vote to raise and appropriate or transfer and appropriate from available funds to the Reserve Fund in **Fiscal Year 2021** or to take any other action relative thereto. **(Prudential Committee recommends raise and appropriate the sum of Thirty Thousand Dollars (\$30,000.00)).**

**Article 10.** To see what sum the District will vote to raise and appropriate or transfer and appropriate from available funds to the Stabilization Fund in **Fiscal Year 2021** or to take any other action relative thereto. **(Prudential Committee recommends transfer and appropriate from Certified Free Cash, the sum of Twenty-five Thousand Dollars (\$25,000.00) for the General Stabilization Fund, the sum of Thirty Thousand Dollars (\$30,000.00) for the Ambulance Stabilization Fund and the sum of Two Thousand Five Hundred Dollars (\$2,500.00) for the Critical Health/Illness Fund for a total sum of Fifty-seven Thousand Five Hundred Dollars (\$57,500.00)).**

**Article 11.** To see what sum the District will vote to raise and appropriate or transfer and appropriate from available funds in **Fiscal Year 2021** to fund a financial audit of the West Barnstable Fire District for the **Fiscal Year ending June 30, 2020**, said funds to be expended under the direction of the Prudential Committee, or to take any other action relative thereto. **(Prudential Committee recommends raise and appropriate the sum of Fourteen Thousand Five Hundred Twenty Dollars (\$14,520)).**



**Article 12.** To see what sum the District will vote to raise and appropriate or transfer and appropriate from available funds in **Fiscal Year 2021** for Whelden Memorial Library services, or to take any other action relative thereto. **(Prudential Committee recommends transfer and appropriate the sum of Fifteen Thousand Dollars (\$15,000.00) from Certified Free Cash).**

**Article 13.** To see what sum the District will vote in **Fiscal Year 2021** to raise and appropriate or transfer and appropriate to fund corrosion repair on Tanker #286 or to take any other action relative thereto. **(Prudential Committee recommends transfer and appropriate from Certified Free Cash the sum of Fifteen Thousand Dollars (\$15,000.00)).**

**Article 14.** To see what sum the District will vote to raise and appropriate or transfer and appropriate from available funds in **Fiscal Year 2021** to purchase a new Engine to replace the Ladder Truck. **(Prudential Committee recommends transfer and appropriate from Certified Free Cash the sum of Fifty Thousand Dollars (\$50,000.00)).**

You are hereby directed to serve this Warrant by posting a copy thereof at the United States Post Office in West Barnstable, Whelden Memorial Library, and the West Barnstable Fire Headquarters, all located in West Barnstable, Massachusetts within said District, at least seven (7) days before the date of said meeting.

Given under our hands this 11th day of March 2020.

Prudential Committee  
West Barnstable Fire District

W. Van Northcross, Chair  
Edward C. Smith  
Stuart Schulman

A TRUE COPY, ATTEST:  
Elaine L. Grace, District Clerk  
West Barnstable Fire District

# WEST BARNSTABLE FIRE DEPARTMENT - Table of Organization

12/31/2019

Fire Chief
Joe Maruca

Deputy Fire Chief
Dave Paananen

GROUP 1		DRIVER
LT EMTB	Curtis Cottrell	3 4 6 7
LT	John Garofoli	3 4 6 7
ENG EMTB	Edward Longo	3 4 6 7
ENG EMTB	Steve Kilmurray	3 4 6 7
FF	Matt Cikins	3 6
FF EMTB	Robert Crosby	3
FT	Brandon Haughton	Probie
EMTB	Seamus Murray	Probie
FF EMTB	Chris O'Connor	3 6
FT/EMTP	Austin Osborn	3 6
FF EMTB	Thomas Wasierski	3

Non- Group Firefighters	
ENG EMTB	Andrew Mandel
FF	Andrew Herges
ENG EMTB	Steph Melanson
ENG EMTB	Kevin Young

Department Administration	
Admin. Asst.	Heather Scozzarella
EMS Capt.	Ed Crowley
Maint. Chief	Jerry Queenan
Human Res.	Walter Lesiak
Co. Training	Roger Henson

GROUP 3		DRIVER
CAPT EMTB	William Murray	3 4 5 6 7
LT EMTB	Luke Walsh	3 4 6 7
ENG EMTB	Christian Andrews	3 4 6 7
FT	Stephen Brunelle	Probie
FT/EMT	Ryan DiPilato	Probie
FF EMTB	Jeffrey Hall	3
FT/EMTB	Anthony O'Donnell	Probie
FF	Jason Stoots	3 4 6
FF	Joshua Wedge	3

GROUP 2		DRIVER
LT EMTB	Kimberly Sylvia	3 4 6 7
LT EMTB	Steve Frye	3 4 6 7
FT/EMT	Matt Antoine	Probie
FT/EMT	Sean Crimmins	Probie
FT	Craig Drew	Probie
FT	Kevin Flynn	Probie
FF EMTB	Molly Hebert	3
FF EMTB	Stephen Imparato	3 6
FF EMTB	Jordan Leary	3
FF EMTB	Michael Looney	3
FF EMTB	Brendan Macdonald	3 6

Chief's Aide	
FF EMTB	Andy Heckler

Leave	
FF	Akeem McPherson
FF	Charles Schneckloth
FF EMTB	Alex Monterrey

GROUP 4		DRIVER
CAPT EMTB	Troy Jewett	3 4 5 6 7
LT EMTB	Ian Diaz	3 4 6 7
ENG EMTB	Ben Stacy	3 4 6 7
FT/EMT	Devon Crowl	Probie
FF	Conner Gallagher	3 6
FT/EMT	Austin Moloney	3 6
FT	Fred O'Connor	3
FF EMTB	Jonathan Robbins	3 6
FF EMTB	Rebecca Tatzel	3 6

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West Barnstable Fire & EMS Association  
2160 Meetinghouse Way  
P.O. Box 955  
West Barnstable, MA 02668

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# Annual Meeting Voting & Meeting

APRIL 29, 2020

Voting 5-7 PM & Meeting 7 PM

**West Barnstable Fire Station\***

2160 Meetinghouse Way, West Barnstable, MA

**\*SEE SPECIAL NOTICE ON INSIDE COVER**

Anticipate that the Annual Meeting & Election will be rescheduled to Wednesday, May 20, 2020 at the WBFD.  
Election 5PM to 7PM & Meeting at 7PM.