



Fire Department Comparison to Other Localities

Mission Statement

The mission of the Bristol Fire Department is the protection of lives, property, and the environment from natural and man-made disasters.

Vision Statement

The vision of the Bristol Fire Department is to:

- Strive to earn the public trust by setting a standard of excellence.
- Attract and retain the best employees through career development and education.
- Have an in-depth knowledge of our stakeholder groups in order to provide the best service
- Provide outstanding customer service in all aspects of our job.
- Be fiscally responsible with public resources through strategic planning.
- Continually seek more effective and efficient ways to succeed at our mission.
- Support the local economy by attracting businesses and residents by achieving the lowest ISO rating.

Mission and Vision

- Fire Suppression: buildings, vehicles, brush, rubbish, etc
- Fire Prevention:
 - Public Education – Schools, businesses, churches, etc
 - Fire Code Enforcement - Businesses
 - Fire Investigation – Suspicious, unknown origin/cause
- Emergency Medical Services- *Non Transport*
- Special Operations: (VDEM Teams)
 - Hazardous Materials Response
 - Heavy-Technical Rescue
- Emergency Management (Per FY 17 budget-July 1, 2016)

Fire Department Services

Fire Chief

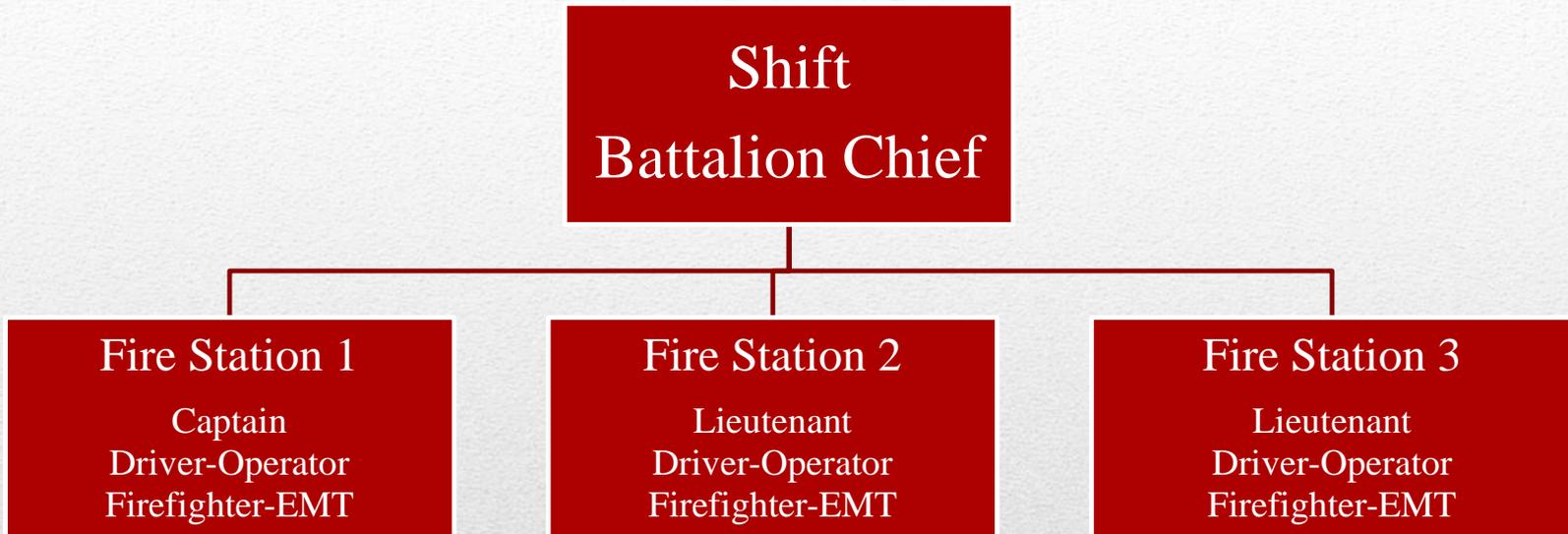
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graph TD;
  FC[Fire Chief] --- S[Secretary];
  FC --- FM[Fire Marshal];
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Secretary

Fire Marshal

Organizational Structure Fire Administration

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Organizational Structure

Fire Operations

NFPA 1710	ISO	Bristol FD
14*	12	10

- 1 - Incident Commander
- 1 – Apparatus/Pump operator
- 2 - Fire fighters on attack line
- 1 - Fire fighter for attack line support
- 2 - Fire fighters on backup line
- 1 - Fire fighter for backup line support
- 2 - Fire fighters for search and rescue
- 2 - Fire fighters for ventilation
- 2 - Fire fighters to serve as FF Rescue Team
- 14 - Total if aerial device not in operation

Daily staffing:
 Salem – 16
 Bristol – 10
 Waynesboro – 10
 Staunton – 9
 Martinsville – 8

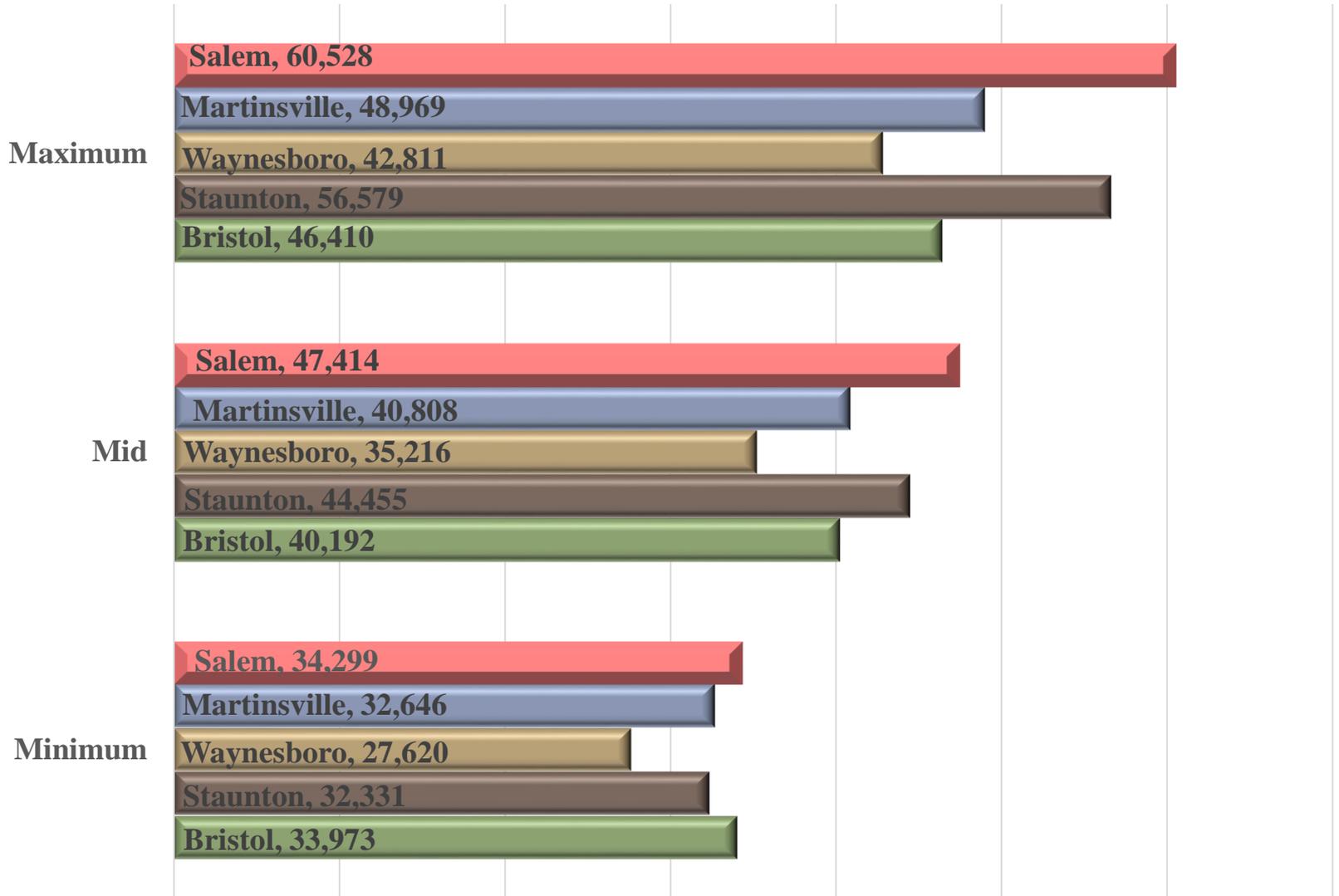
- 1 - Aerial device apparatus operator *
- 15 - Total if aerial device is operational

Staffing Recommendations - Fire Ground Tasks

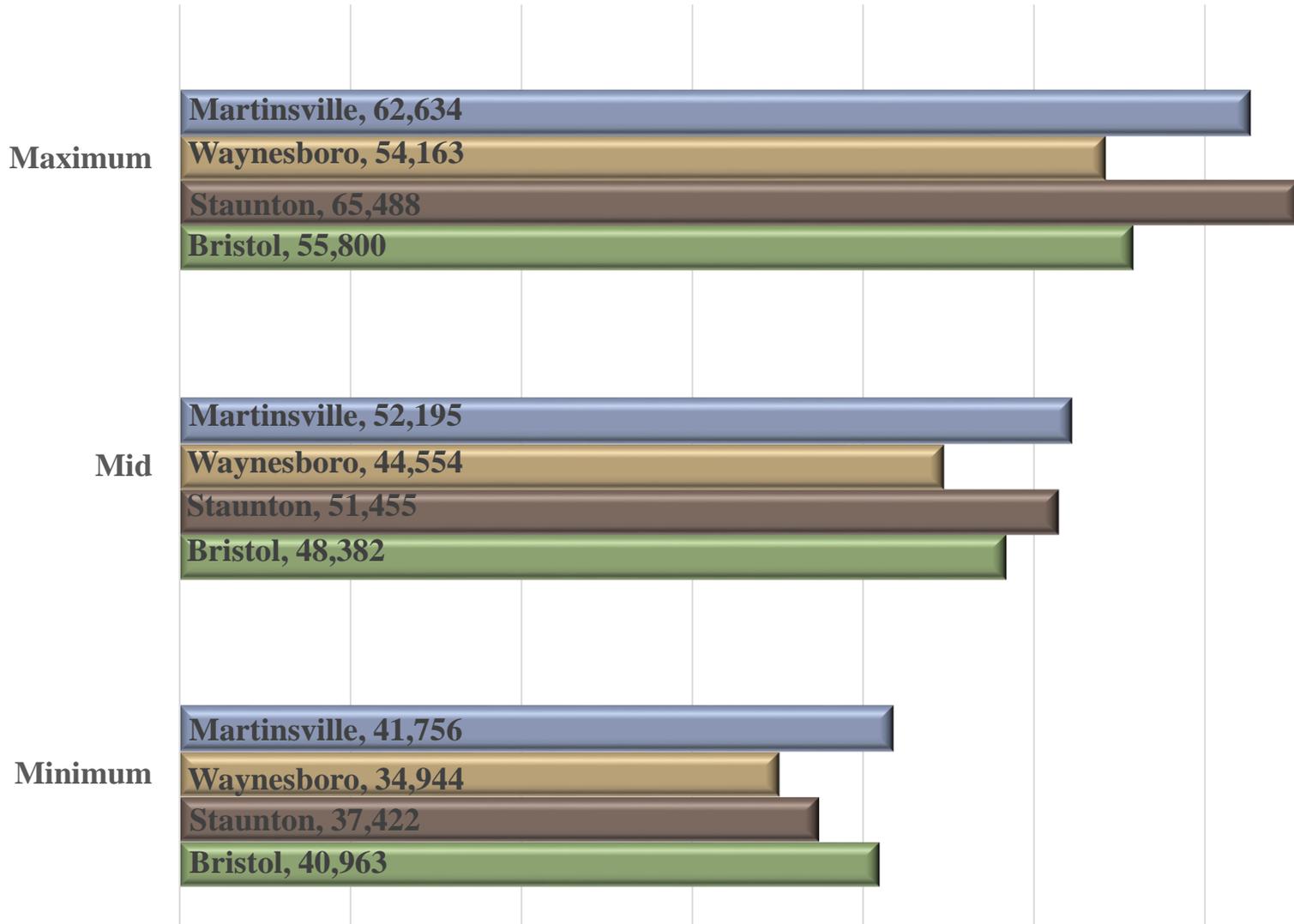
Salem	Bristol	Waynesboro	Staunton	Martinsville
Chief	Chief	Chief	Chief	Chief
Deputy Chief		Deputy Chief	Deputy Chief	Deputy Chief
Fire Marshal	Fire Marshal	Fire Marshal	Fire Marshal	Fire Marshal
Battalion Chief	Battalion Chief	Captain	Captain	Assistant Chief
Captain	Captain			Captain
	Lieutenant	Lieutenant	Lieutenant	Lieutenant
Firefighter/EMT	Firefighter/EMT	Firefighter/EMT	Firefighter/EMT	Firefighter/EMT

Rank Structure

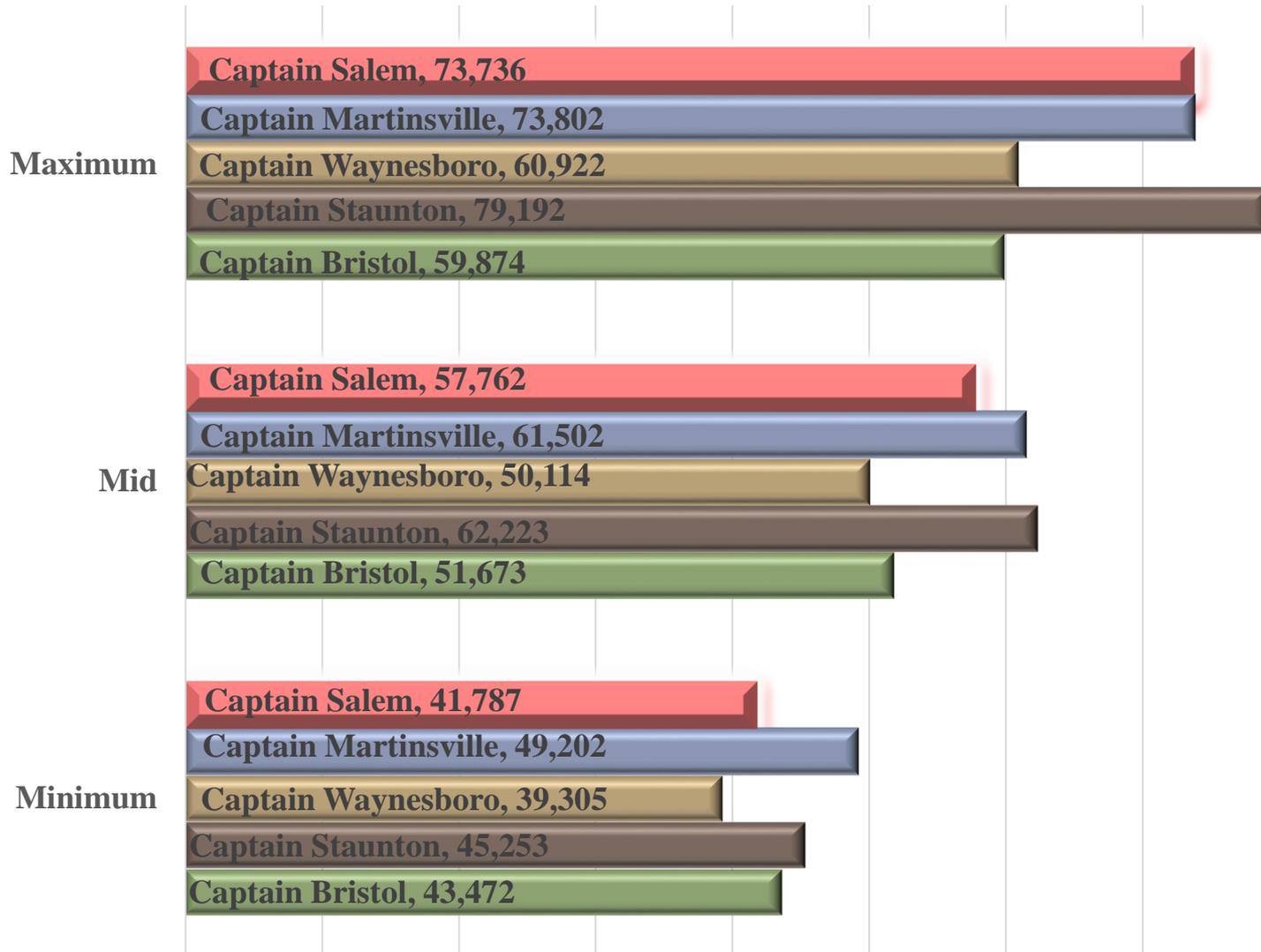
Firefighter Pay Ranges per Locality



Lieutenant Pay Ranges per Locality



Captain Pay Ranges per Locality



Locality	Salem	Bristol	Waynesboro	Staunton	Martinsville
Square Miles	15	13	15	20	11
Population	24,802	17,835	21,000	23,746	13,821
Paid Personnel	63	46	34	30*	28
Volunteers	0	0	0	0	0
Fire Stations	3	3	1	2*	2
ISO Rating	2	2	4	2	3

Locality Comparison

ISO credits the percentage of the community within specified response distances of:

- Pumpers (1.5 miles)
- Aerial ladder/service apparatus (2.5 miles)
- Properties within 5 miles of a fire station
- Properties within 1000 of a fire hydrant
- First unit on scene within four minutes
- Remaining units on scene within eight minutes
- 90% of all alarms



- As an alternative, may use the results based on CAD history to demonstrate the time for first arriving engine and initial full-alarm assignment.
- The rationale behind this is the that a room fire will reach a critical stage in fire development (point of flashover) in about 8 to 10 minutes.

Other items considered in rating:

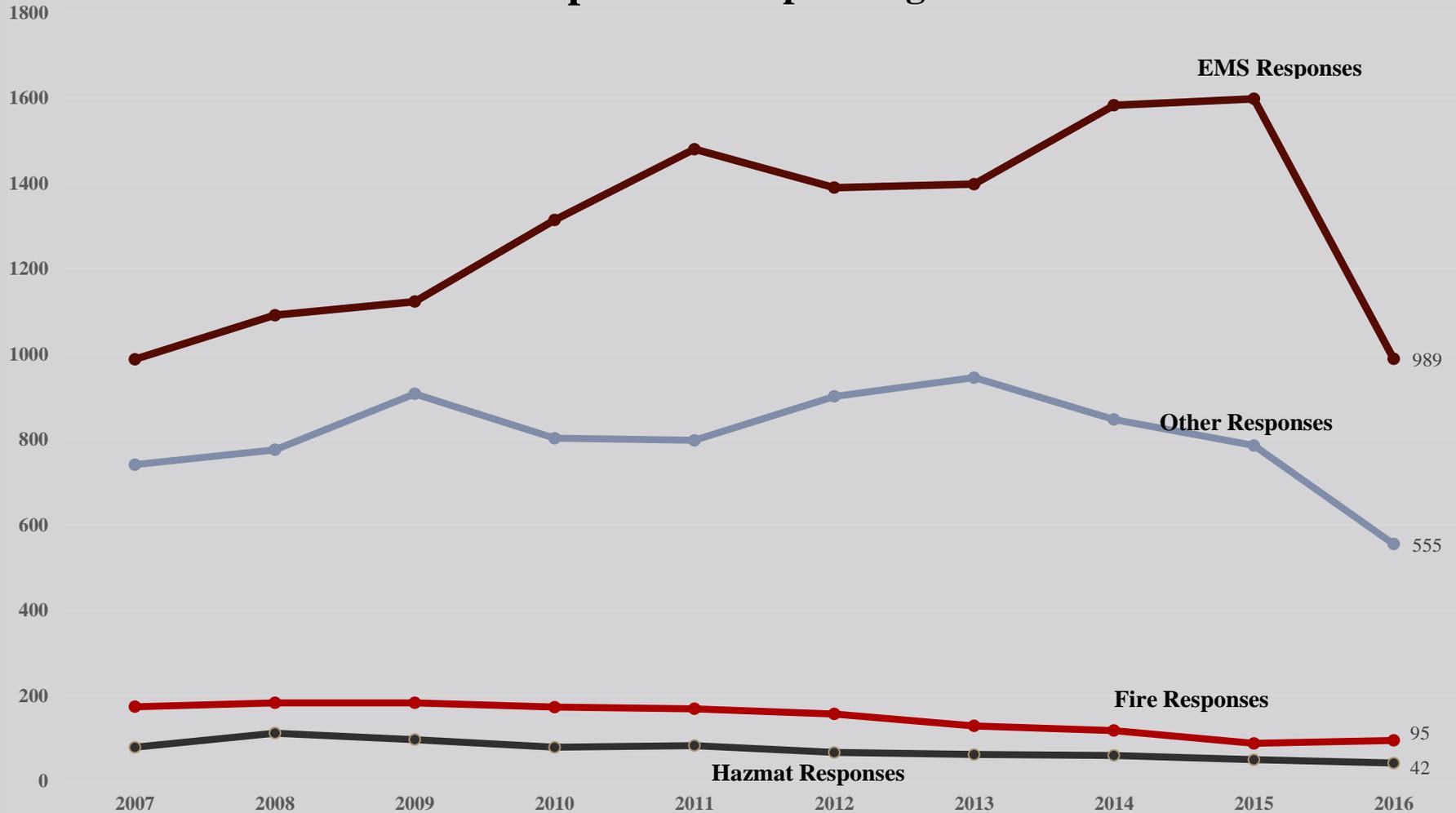
- Annual Training: Individual, Company, Driver, Officer, Haz-Mat, etc
- Annual Equipment Maintenance and Testing
- Hydrant Maintenance and Flow Testing
- Apparatus Pump Testing and Certification
- Pre-Fire Plan Inspections

ISO (Class 2)

	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007
Fire	95	88	118	129	157	169	173	183	183	174
EMS	989*	1598	1583	1398	1390	1480	1314	1123	1091	988
Haz Mat	42	50	60	62	67	83	79	97	112	79
Other	555	786	847	945	901	798	803	907	776	741
Total	1681	2522	2608	2534	2515	2530	2369	2310	2162	1982

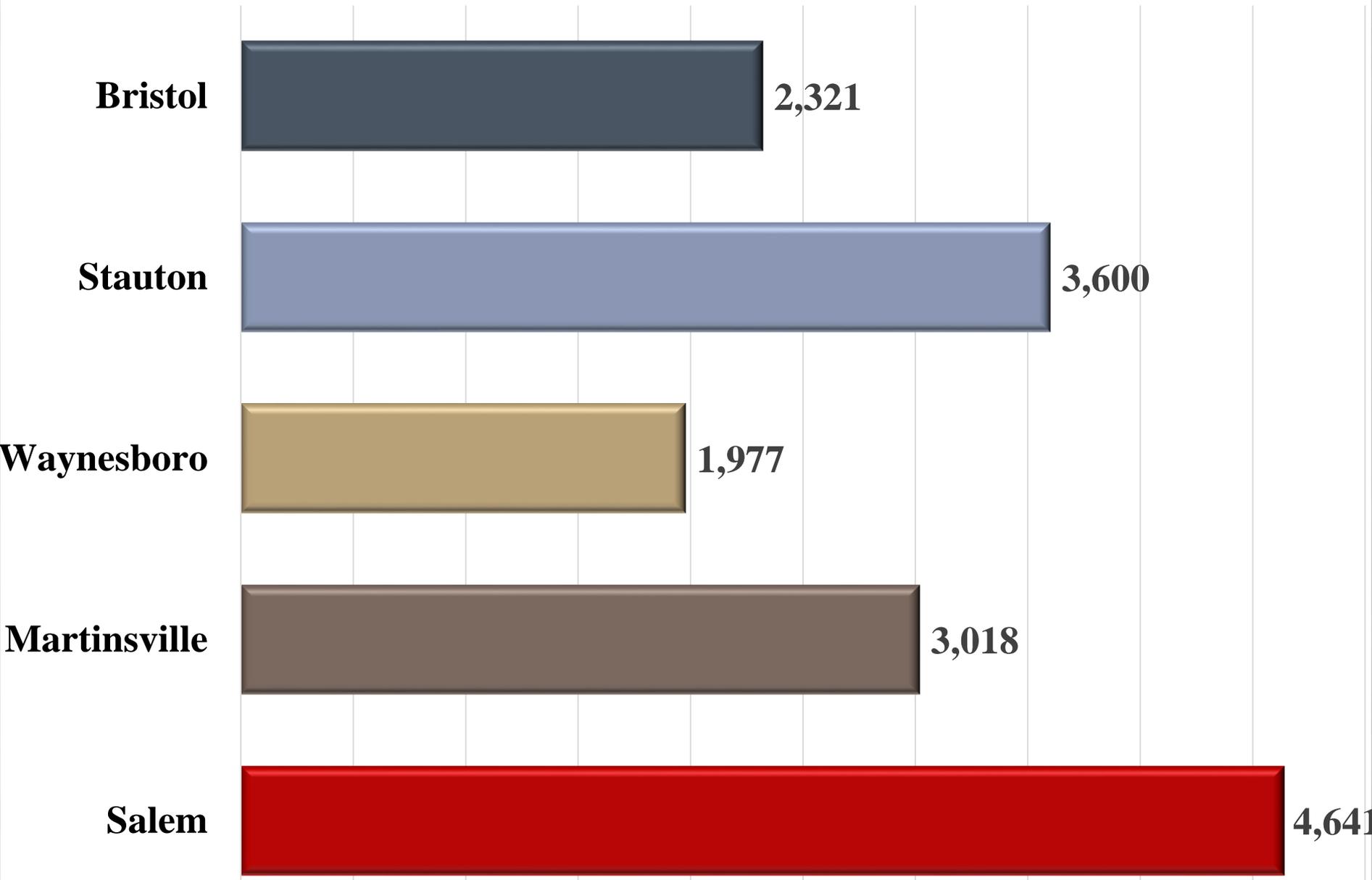
10 Year Trend – Call Volume

Fire Department Operating Indicators



● Fire Responses ● EMS Responses ● Hazmat Responses ● Other Responses

Annual Calls per Locality



City taxes – Primary Source

Virginia Department of Fire Programs: *Aid to Localities* \$51,000

Virginia Office of Emergency Medical Services: *Four-for-Life*
\$14,000

Virginia Department of Emergency Management: *Grants*

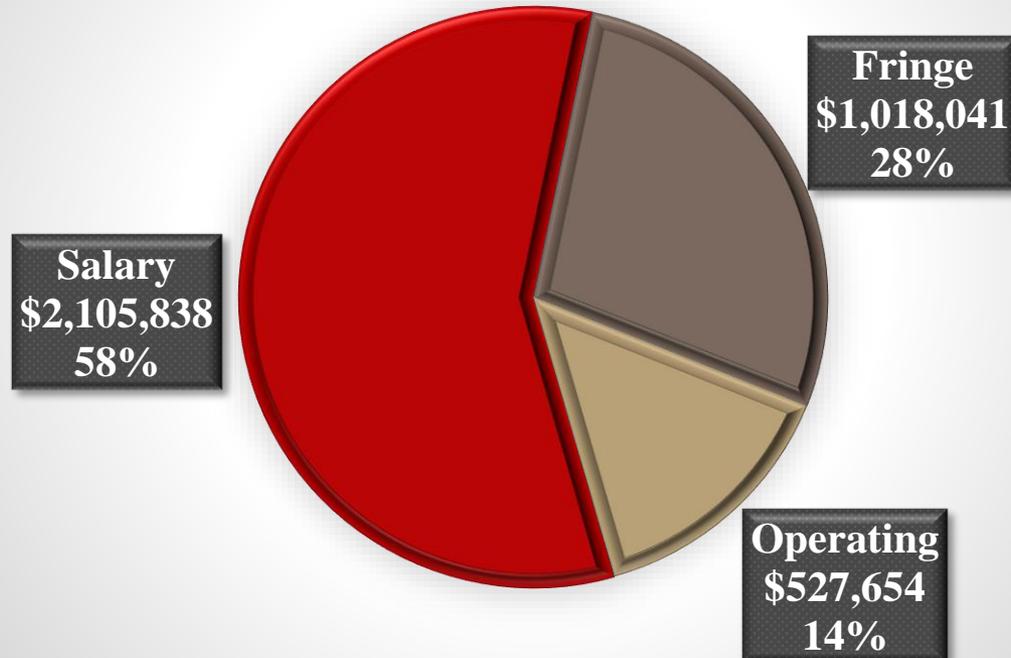
- *VDEM – Haz Mat* \$10,000
- *VDEM Heavy-Technical Rescue*
- *VDEM Emergency Management* - \$15,500

Federal Emergency Management Agency: *Grants (none lately)*

Do not bill for service other than VDEM HTR/Haz-Mat reimbursement

Funding

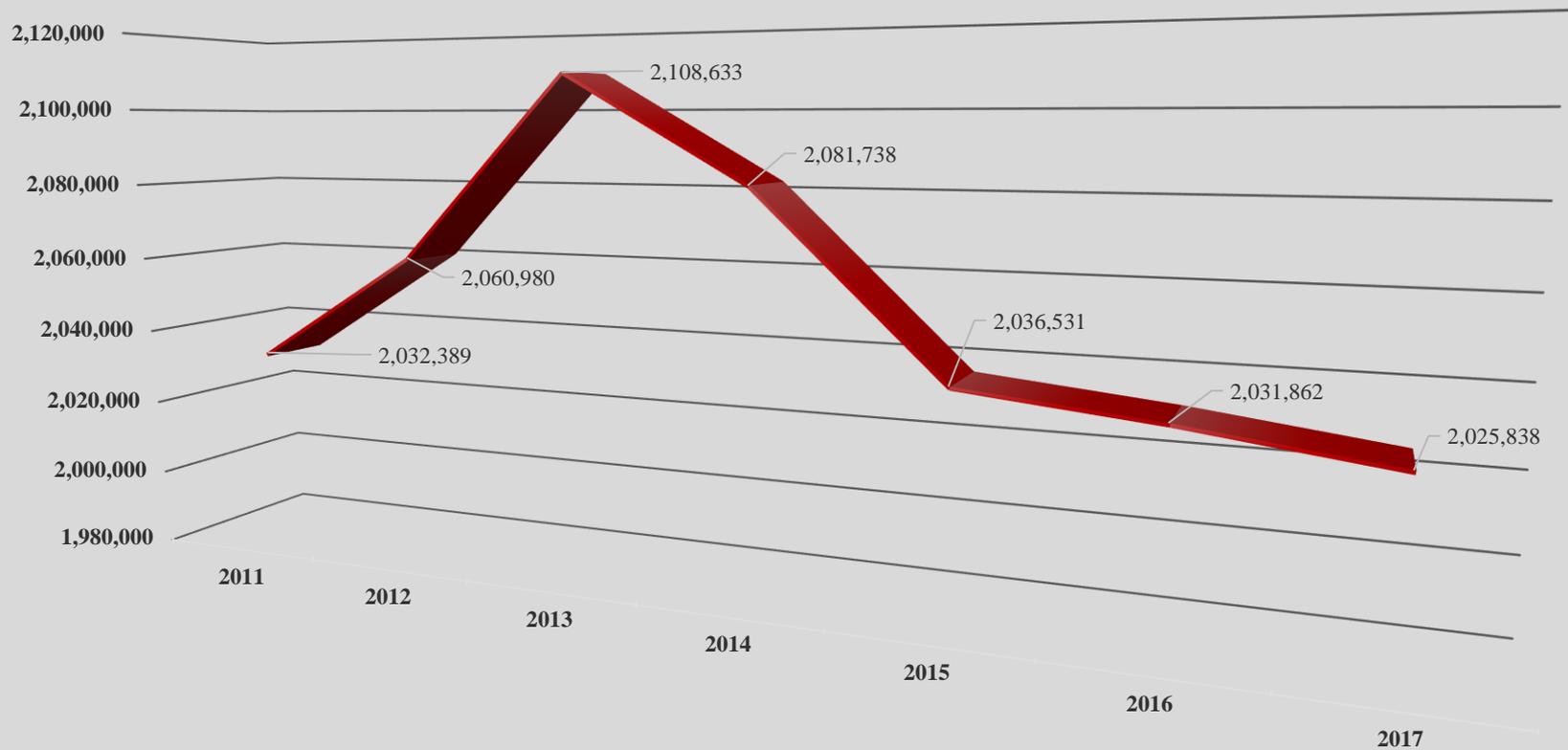
Fire Department FY17 Budget



FY 17 Budget

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Fire Department Budgeted Salary 2011-2017



- \$1,100.00 Ground ladder test
- \$1,200.00 Aerial certification (two trucks)
- \$2,500.00 SCBA flow test & certification
- \$2,000.00 Pump test (6 units)
- \$1,200.00 Breathing Air compressor test
- \$720.00 Air sample test for breathing air
- \$250.00 Ice machine service plus filters
- \$1,220.00 Station generators
- Recertification on training center - burn props
- **Tests do not include any repair costs**

Annual Equipment Tests

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City	FY 17 Budget	Population	Per Capita Cost
Salem	\$5,934,629	24,802	\$239
Bristol	\$3,579,169	17,835	\$208
Martinsville	\$2,025,632	13,821	\$146
Waynesboro	\$2,595,064	21,006	\$123
Staunton*	\$2,321,399	23,746	\$97

FY 17 Budget Comparison

- Staunton benefits from Augusta County Fire Station inside Staunton
- Salem & Martinsville provide fire based ambulance transport
- Both collect EMS transport fees
- High annual lease payment \$240k (vs Capital Purchase)

Bristol FD

- Currently do not provide EMS transport (no FD ambulances)
- Currently do not collect fees for services
- Currently no deputy chief

Comparison

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- Consider future fire department based ambulance transport
- Revenue recovery fees for EMS service
- Fees for fire services: plans review, false alarms, etc
- Fill Deputy Fire Chief position

Recommendations

Questions?