



# Hanover Fire•EMS

## 2016 Budget Presentation

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Chief of Fire•EMS



# Department Priorities

**Staffing & Capabilities**

**Information Technology Enhancements**

**Health & Safety**

**Officer Development**



# All Hazards Incident Management

## Large Scale Events



## Emergency Management



## Fire & EMS Response



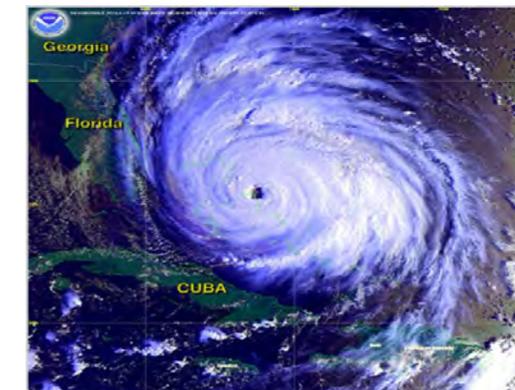
## Haz-Mat Incidents



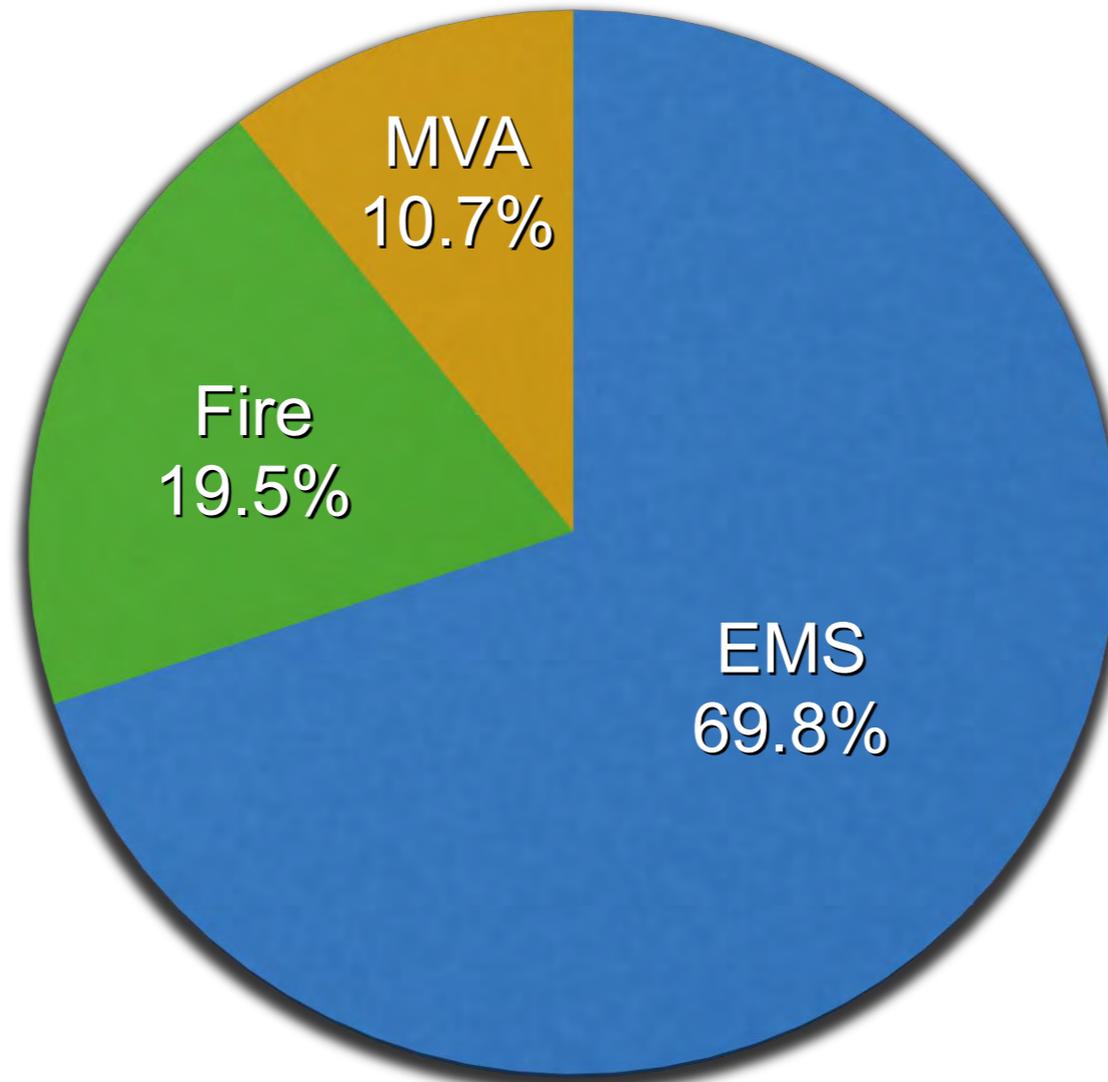
## Critical Incidents



## Natural/Manmade Disasters



# 2014 Responses by Type

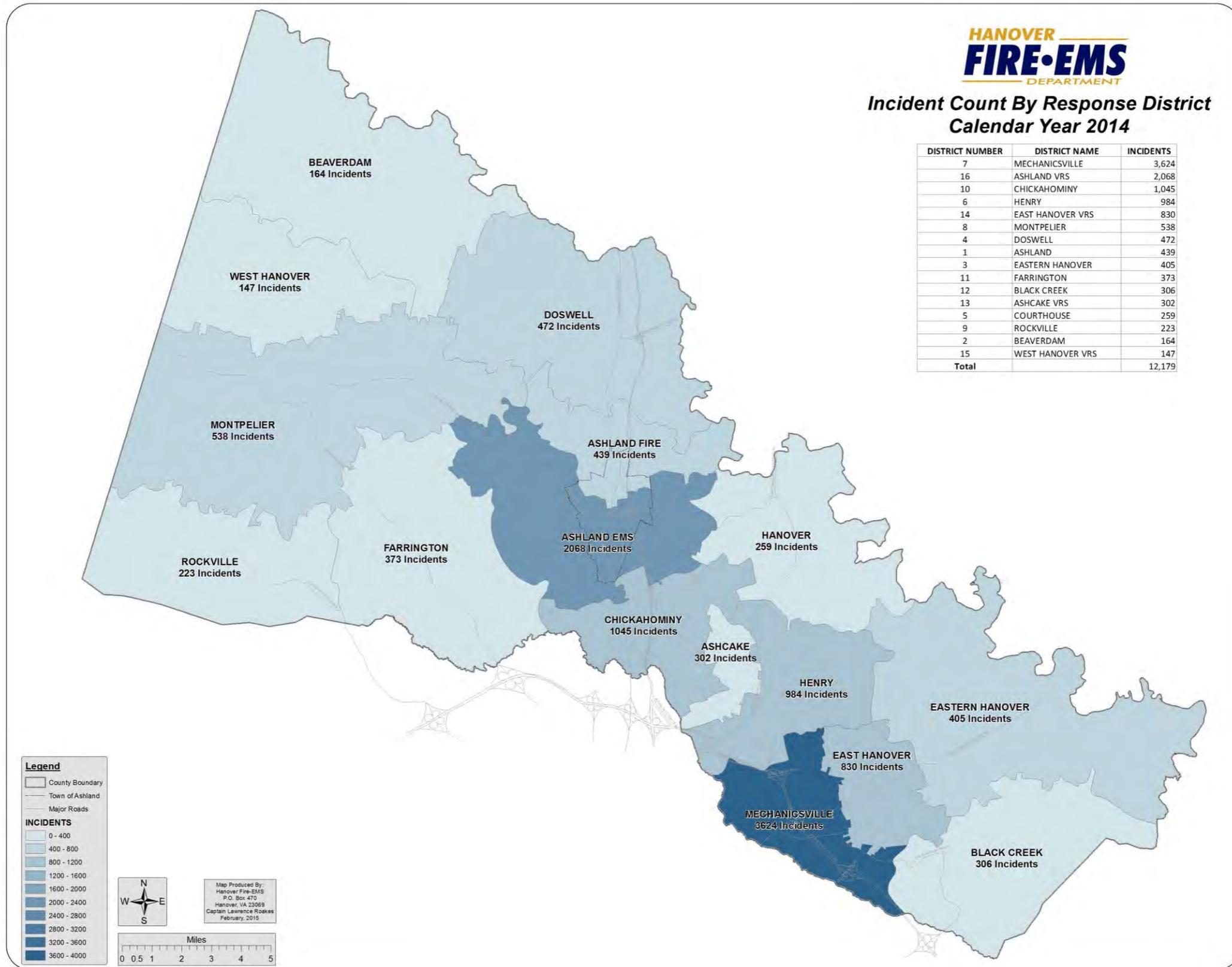


21,722 Responses

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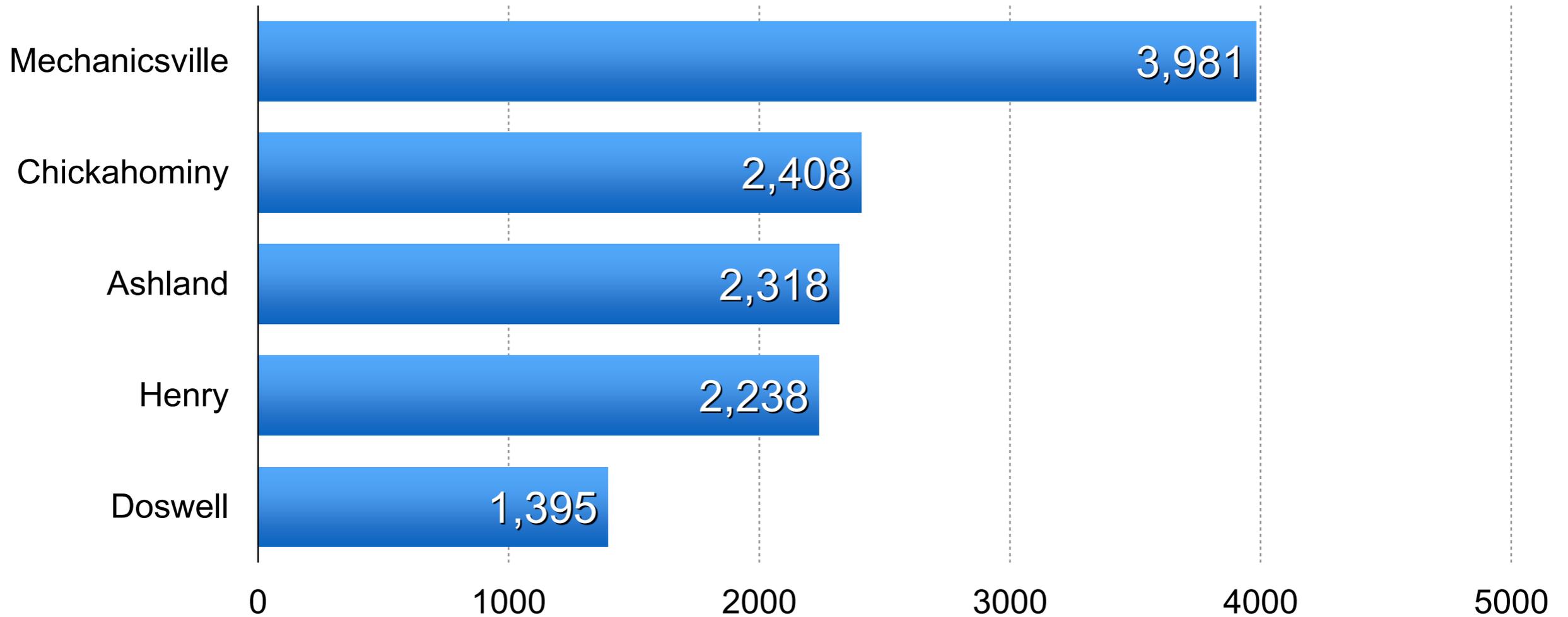


# Incidents by Geographic Area



# Top 5 Busiest Stations

## Responses by Company



# EMS Response Times

Priority 1	2012		2013		2014	
	% Compliance	Avg. Response Time	% Compliance	Avg. Response Time	% Compliance	Avg. Response Time
Inside the SSA	89.83%	5.92 min	87.01%	6.21 min	86.65%	6.22 min
Outside the SSA	54.27%	8.89 min	53.83%	9.03 min	54.16%	9.10 min
Countywide	81.84%	6.62 min	79.59%	6.84 min	79.79%	6.83 min

- Arrive on scene of Priority 1 in less than 9 minutes 80% of the calls



# Fire Response Times

Priority 1	2012		2013		2014	
	% Compliance	Avg. Response Time	% Compliance	Avg. Response Time	% Compliance	Avg. Response Time
<b>Inside the SSA</b>	81.70%	6.87 min	80.66%	6.96 min	80.10%	7.13 min
<b>Outside the SSA</b>	82.26%	11.09 min	87.12%	10.40 min	86.72%	10.14 min
<b>Countywide</b>	81.85%	8.01 min	82.52%	7.95 min	81.88%	7.94 min

- Arrive on scene of fire incidents inside SSA in less than 9 minutes 80% of the calls
- Arrive on scene of fire incidents outside SSA in less than 15 minutes 80% of the calls



# Current Deployment - 114 Operational Personnel

24/7 (24-hour)	16/24 (48-hour)	4x10's (40-hour)
Mechanicsville Engine & Ambulance	Henry Engine & Ambulance	Beaverdam Engine <b>or</b> Ambulance
Chickahominy Engine & Ambulance	Eastern Hanover Engine	Rockville Engine <b>or</b> Ambulance
Doswell Engine & Ambulance		Farrington Engine <b>or</b> Ambulance
Montpelier Engine & Ambulance		Black Creek Engine <b>or</b> Ambulance
Ashland QRV		Henry Ladder Truck
Farrington QRV		

Monday-Friday (9 Engines/5Ambulances/2 QRV's/1 Ladder Truck)  
Saturday-Sunday (4 Engines/4 Ambulances/2 QRV's) – Rely on volunteer staffing



# Effective Response Force

Residential Fire	Commercial Fire	Cardiac Arrest	Motor Vehicle Accident – High Mechanism
(3) Engines (1) Ladder Truck (1) Rescue (2) Ambulances (1) QRV (1) Battalion Chief (1) Air Utility; FADM	(4) Engines (2) Ladder Trucks (1) Rescue (2) Ambulances (1) QRV (2) Battalion Chiefs (1) Air Utility; FADM	(1) Engine (1) Ambulance (1) QRV	(1) Engine (1) Rescue (1) Ambulance (1) QRV (1) Battalion Chief
<b>22 Firefighter/ Medics</b>	<b>29 Firefighter/ Medics</b>	<b>6 Firefighter/ Medics</b>	<b>10 Firefighter/ Medics</b>



# Focus Areas

**Life Safety**

**Emergency Medical Response**

**Volunteer Staffing Support**



# Life Safety



# Truck Company

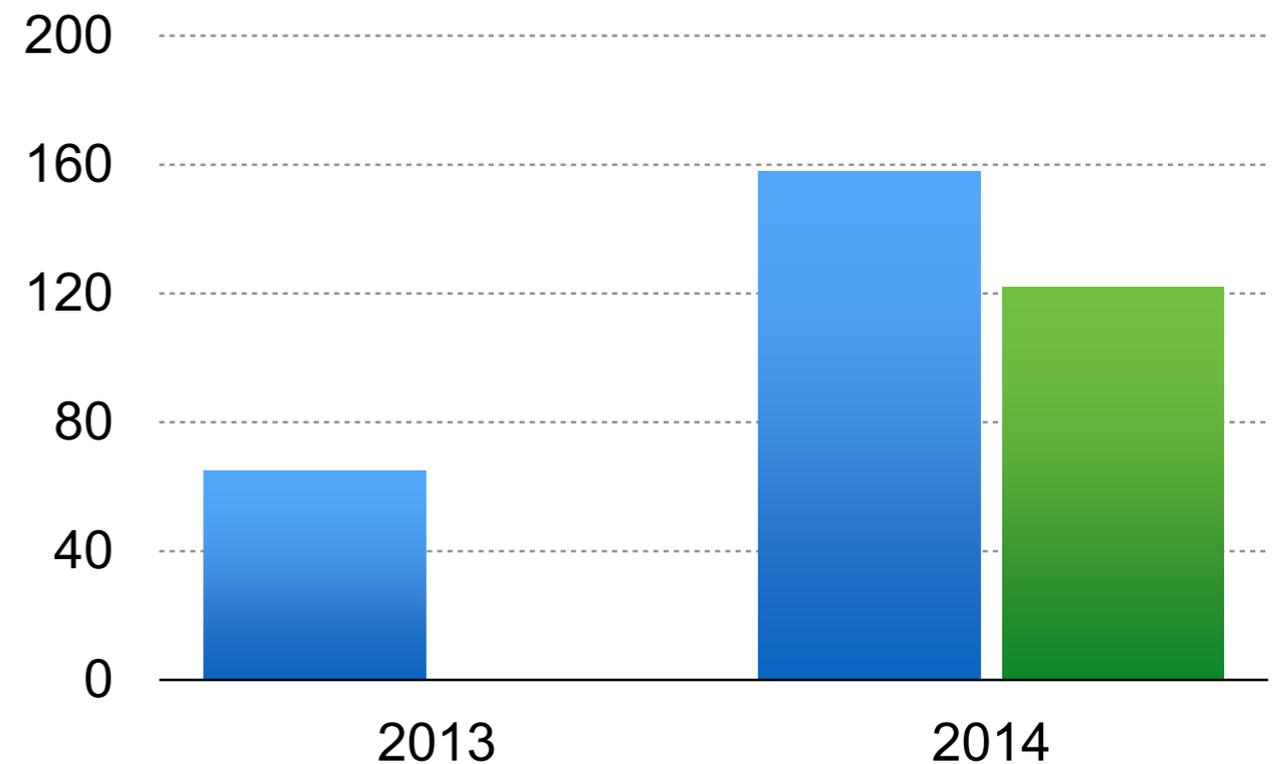
- Rapid rescue of entrapped occupants
- Control air movement in the fire building
- Forcible entry and access
- (4) Personnel Truck 6 – August 2014 (1/3 of actual need for the single resource)
- Staffed during peak hours; weekday 7a-5p



# Year to Year Truck Response Comparison

## Truck 6 Investment - 40 hour staffing

- 2013: 65 Responses
- 2014: 158 Responses
- 122 Responses between August and December
- Missed 441 calls



24 hour staffing remains a priority



# Emergency Medical Response



# Challenges of EMS System

- Dynamic movements of units based on call volume
- Extended transport and turn around times at the hospital
- Complexity of cross-staffing
- Travel distance to 2nd and 3rd due districts



# Additional Ambulance Needed

- 81% of call volume is centered on patient care
- Average of 2 volunteer ambulances on weekends countywide
- Extended response times
- Volume can support both volunteer and career resources in the Town of Ashland



# Volunteer Staffing Support

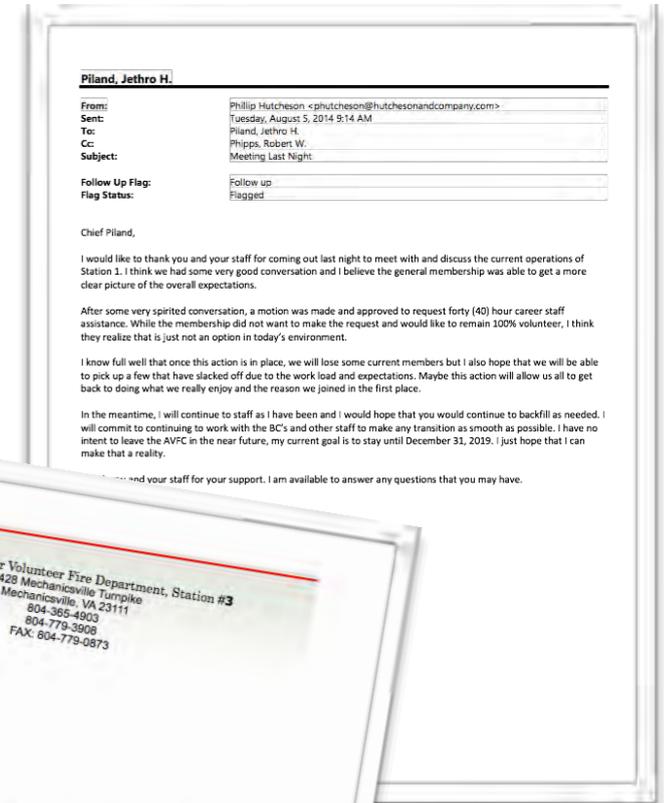


<b>Station</b>	<b>Members</b>	<b>Active Responders</b>
1 - Ashland	60	56
2 - Beaverdam	24	19
3 - Eastern Hanover	18	12
4 - Doswell	12	7
5 - Courthouse	19	16
6 - Henry	44	34
7 - Mechanicsville	40	31
8 - Montpelier	18	14
9 - Rockville	21	19
10 - Chickahominy	34	24
11 - Farrington	36	29
12 - Black Creek	30	21
13 - Ashcake	13	3
14 - East Hanover	56	45
15 - West Hanover	50	41
16 - Ashland Rescue	49	40
Total	524	411
	<b>Total Active Vol Firefighters</b>	<b>282</b>
	<b>Total Active Vol EMS</b>	<b>129</b>



# Request for Additional Coverage

- Ashland Fire Company- Station 1 has requested 40 hour assistance
- Eastern Hanover Fire Company- Station 3 has requested 24 hour assistance

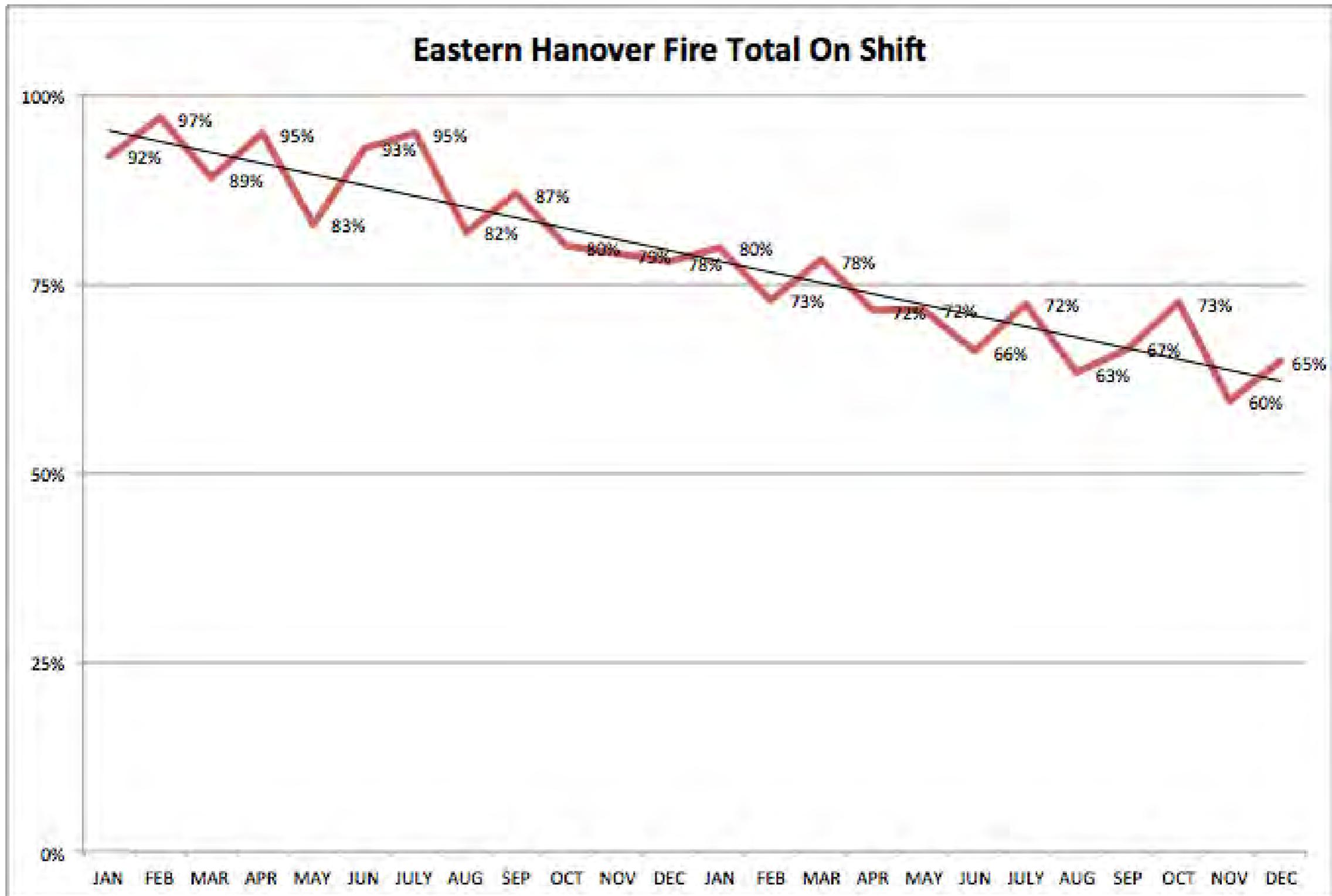


# Ashland VFC

- Began providing assistance January 1, 2013
- Supported with On Duty, OT, and PT
- FY14 1,625 work-hours; approx. \$55,000
- FY15 Projected 1,686 work-hours; at a cost of \$58,000
- Requested Full Time 40-Engine in FY16



# Staffing Availability 2013-14



# Positions Requested

## County Administrator's Recommendation

- (4) 40-hour Engine in Ashland
- (4) 24-hour Engine in Eastern Hanover



## Fire-EMS' Request

- (4) 40-hour Engine in Ashland
- (4) 24-hour Engine in Eastern Hanover
- (4) 24-hour Ambulance in Ashland
- *Additional cost of \$252,000*



# FY16 Expenditures

Fire-EMS	FY16 Proposed	Change from FY15	% Change
Personnel	\$12,584,294	\$772,918	6.1%
Operating	\$3,154,081	\$148,256	4.9%
Capital	\$110,000	-\$135,650	-55.2%
Grand Total	\$15,848,375	\$735,524	4.9%



# FY16 Revenues

Fire-EMS	FY16 Recommended	% Change
Charges for Service	\$2,200,000	0.0%
Permits, Fees & Licenses	\$148,000	0.0%
Recovered Costs	\$97,100	2.2%
State & Federal Aid	\$485,300	24.2%
General Fund	\$12,917,975	5.8%
Grand Total	\$15,848,375	4.9%



# Toughbook Computer Replacement - \$20,000

- Replaces 5 Computers that are over 5 years old
- Deploy to Field Fire-EMS Commanders
- Develop concept to connect to CAD for live data sharing
- Reduce number of devices issued to Chief Officers



# FY16 CIP Recommended

- (1) Replacement Fire Pumper at \$500,000
- (2) Replacement Ambulances at \$440,000
- (4) Life Pack Replacement units at \$149,000 (Grant)



# CIP Looking Forward...

- Burn Building Replacement
- SCBA Tank Replacement
- Station Alerting



# The Governor's Award for Excellence in Virginia's Fire Service

- Hanover County Fire-EMS was selected for the Governor's Award for Excellence in Virginia's Fire Service for our state and national leadership related to tactical fire suppression.
- The "SLICE-RS" model, which has been endorsed by the International Society of Fire Service Instructors and the International Association of Fire Chiefs, has had a direct impact on saving lives of firefighters throughout the Commonwealth.





# QUESTIONS...



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THE END - BREAK  
SLIDE