



Fairfax County Fire and Rescue

Sully District Association Briefing



Fairfax County Fire & Rescue

Mission

Provide the highest quality services to protect the lives, property, and environment of our community

Vision

The Fairfax County Fire and Rescue Department is dedicated to being a premier community focused fire and rescue department ensuring a safe environment for everyone



Fairfax County Fire & Rescue

FY2015 Annual Summary Figures

- Population - 1,112,875
- Roads - 4,800
- Land Area - 395 sq. mi.
- Acres - 260,368
- Housing Units - 411,963
- Households - 402,892





Fairfax County Fire & Rescue

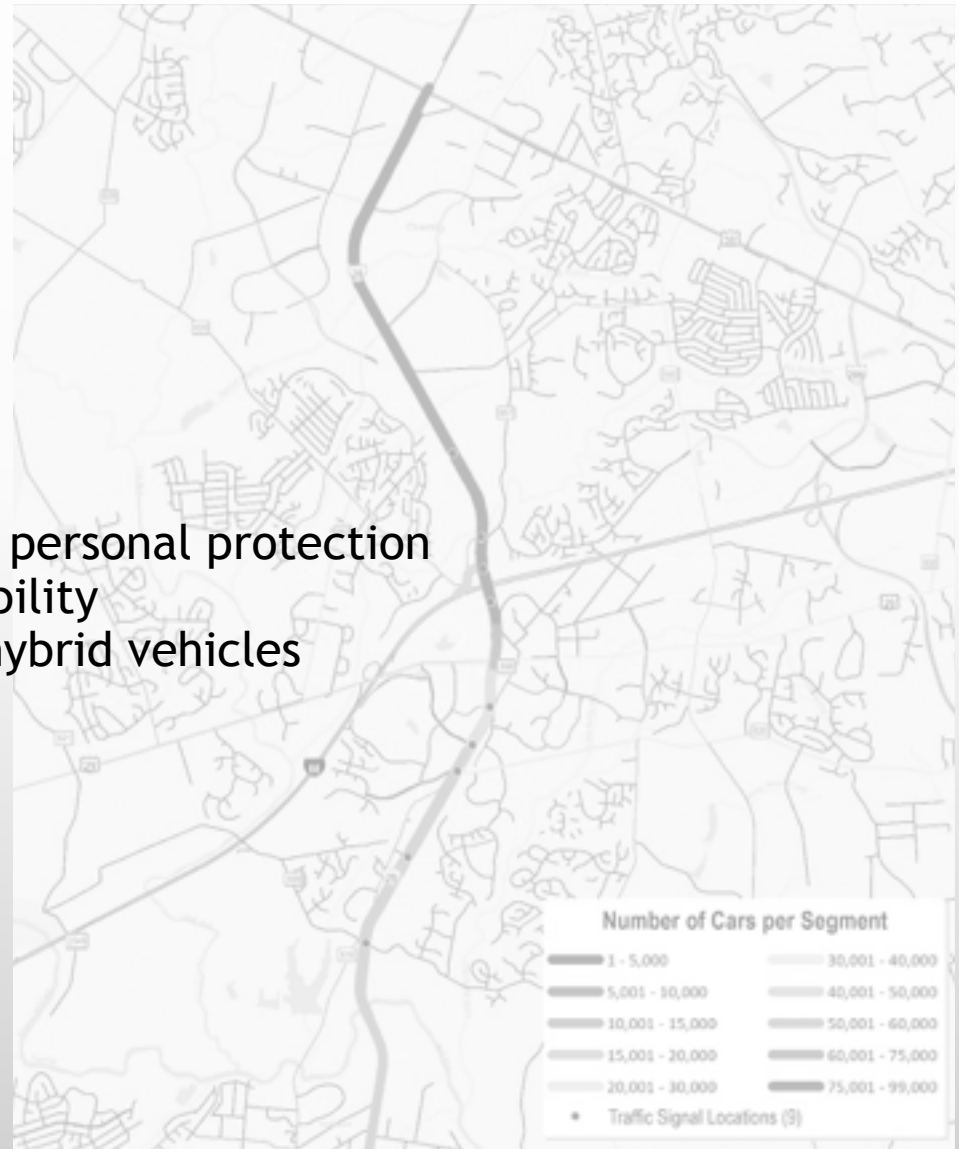
- Personnel
 - 1366 Uniformed Personnel
 - 184 Civilian Staff
 - 382 Operational Volunteers
- Units/Apparatus
 - 38 ALS Engines
 - 42 ALS Transport Units (Medics)
 - 2 HAZMAT Units
 - 14 Trucks
 - 5 Tankers
 - 8 Rescues (2 ALS)





Key Challenge- Response Times

- Population
 - Changing demographics
 - Daytime population
- Urbanization
 - Density
 - Traffic congestion
- Technology
 - Safety equipment - medical, personal protection
 - Communication - interoperability
 - Rescue - new construction, hybrid vehicles
- Mandates/Standards
 - Safe Staffing
 - EMS
- Natural Manmade Threats
 - Critical Infrastructure
 - Natural Disaster





FY 2017 County Budget Challenges

- Revenue Estimate
 - Real estate base slow to recover
 - Major revenue categories projecting 2.3% growth
- Disbursements
 - Disbursement growth anticipated to outpace revenue growth for next two fiscal years
 - Projected FY 2017 shortfall is \$85 million
- Taxes
 - Real estate taxes at current rate will not support disbursement level needed
 - Each penny of an increase would represent \$23 million in revenue



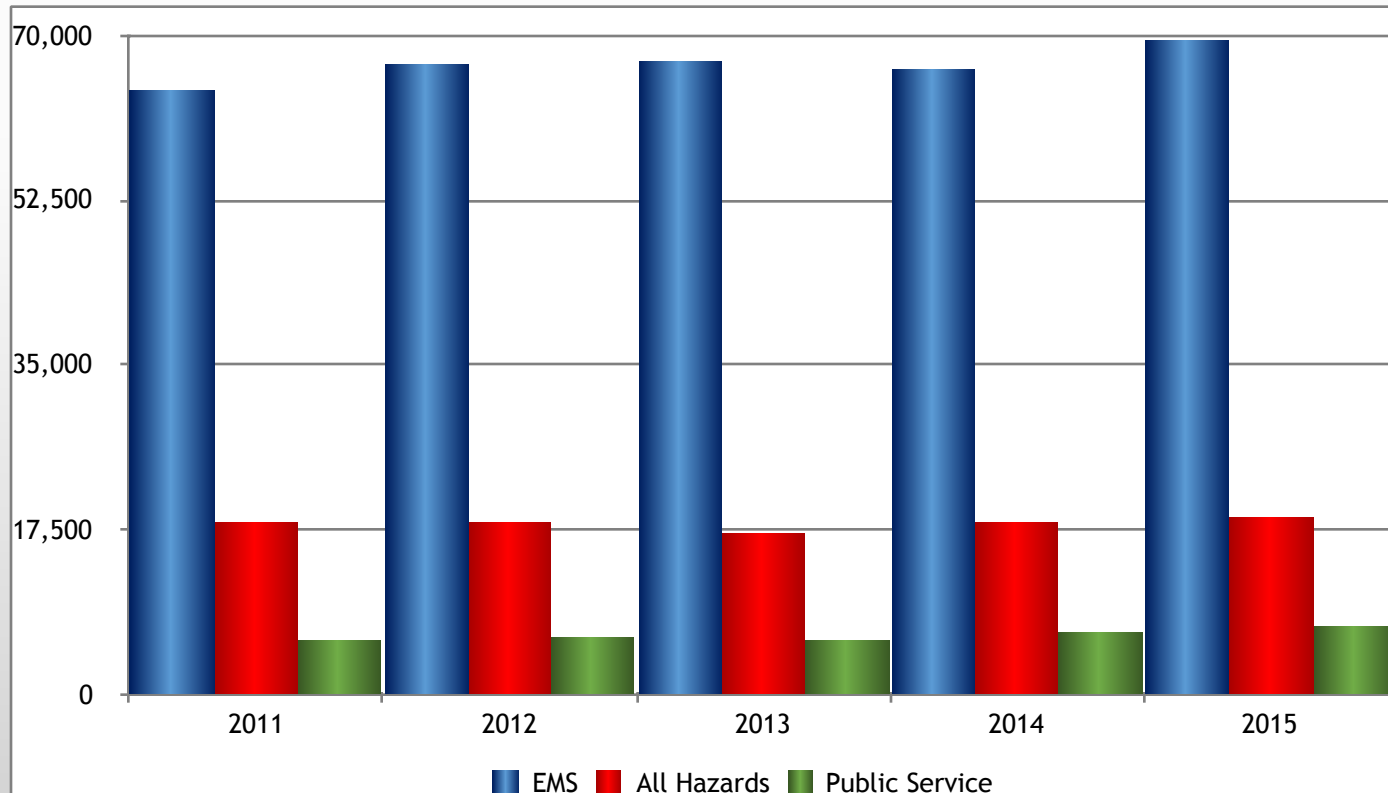
FY 2017 Budget Challenges

- Maintaining service levels with flat budget
- Infrastructure
 - Aging facilities
 - Capital Equipment
- Increasing Costs
 - Contractual Increases
 - Inflation
 - Raw Materials
 - Changing Safety/Technology Standards



System Response Statistics

	FY11	FY12	FY13	FY14	FY15
Incidents	89,412	91,228	90,205	91,308	95,364
Patients Transported	47,840	48,990	49,739	48,966	51,425





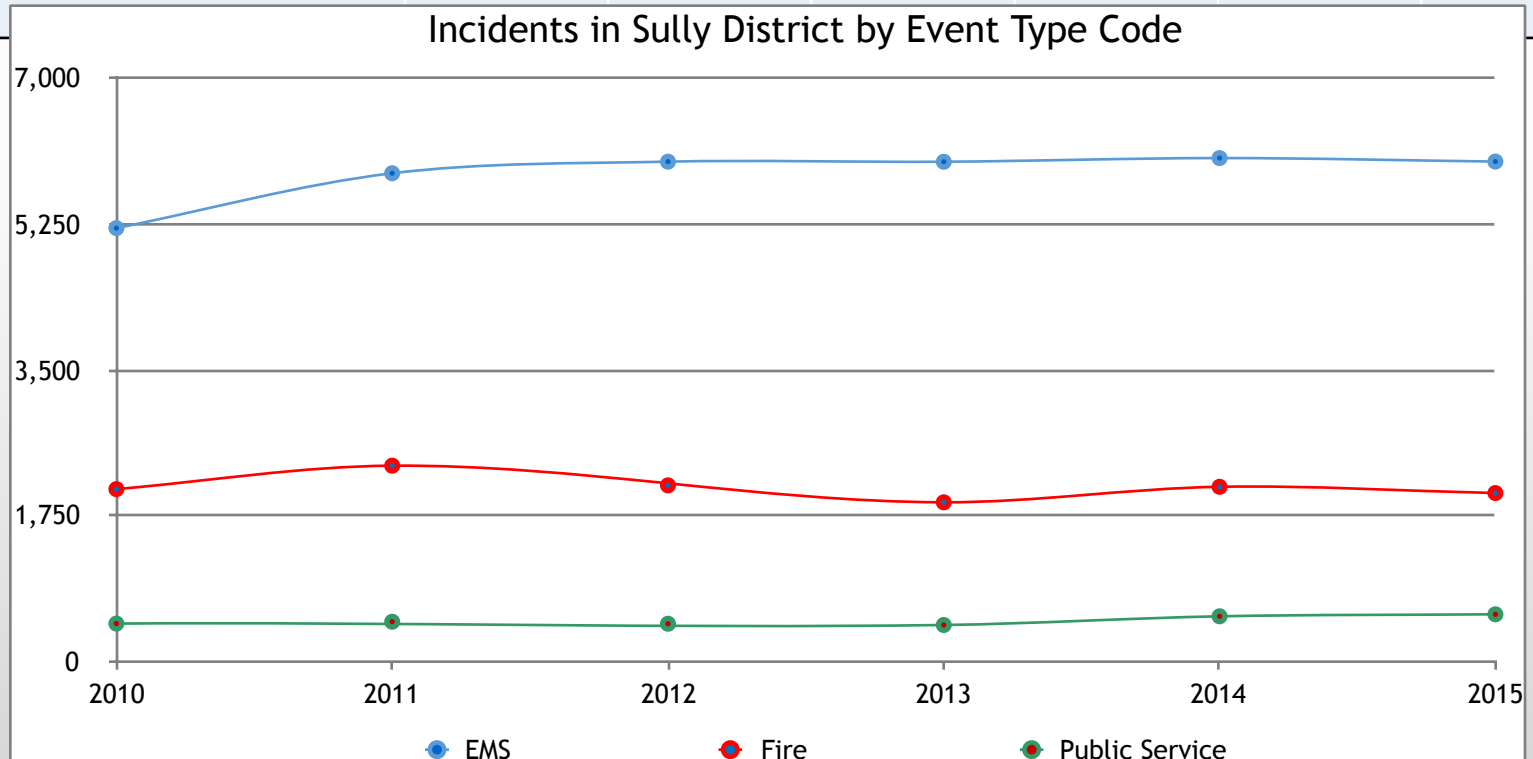
System Performance Measures

- AED Response rate within 5 minutes (National Standard 90%)
 - 54.57% (FY15)
- First ALS Provider within 5 minutes
 - 58.26% (FY15)
- ALS Transport Unit On Scene within 9 minutes (National Standard 90%)
 - 89.95% (FY15)
- Engine Company on a structure Fire within 5 minutes, 20 seconds (National Standard 90%)
 - 51.9% (FY15)
- 15 Operational Personnel on a structure fire within 9 minutes, 20 seconds (National Standard 90%)*
 - 83.18 % (FY15)
- Total Fire Loss for commercial and residential structures (in millions)
 - 15.9 (FY15)



Sully District

	CY2010	CY2011	CY2012	CY2013	CY2014	CY2015*
Incidents	7,745	8,706	8,585	8,366	8,700	8,607
Average Incidents per Day	21.2	23.9	23.5	22.9	23.8	25.8

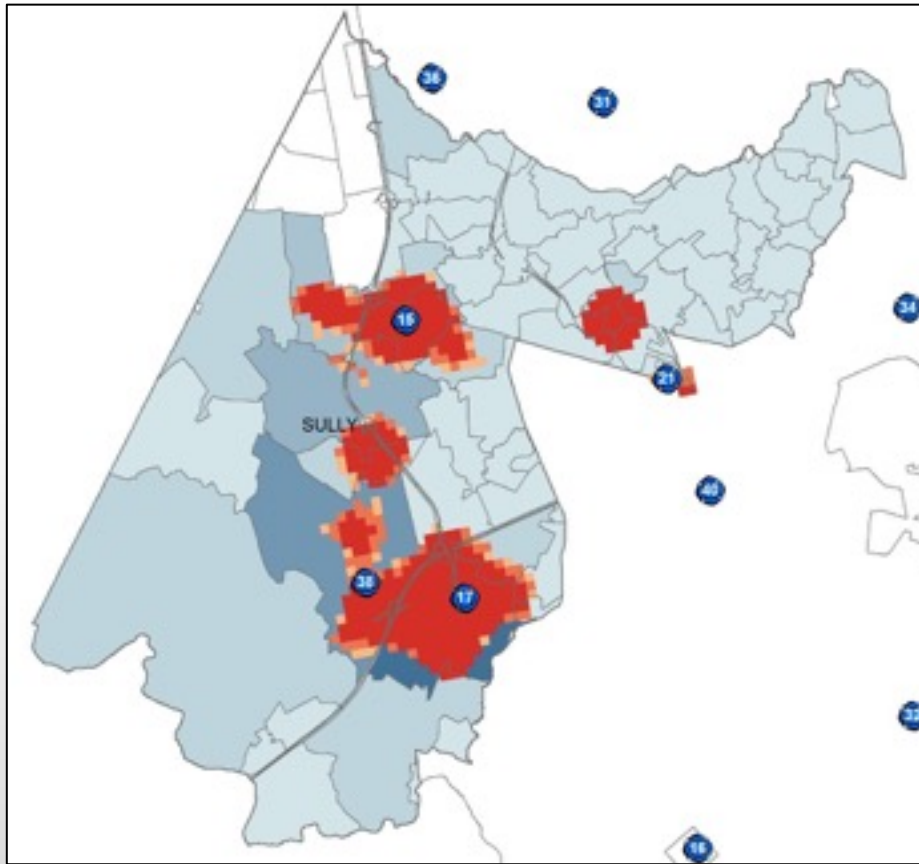


* CY2015 includes all incidents through the end of November 2015

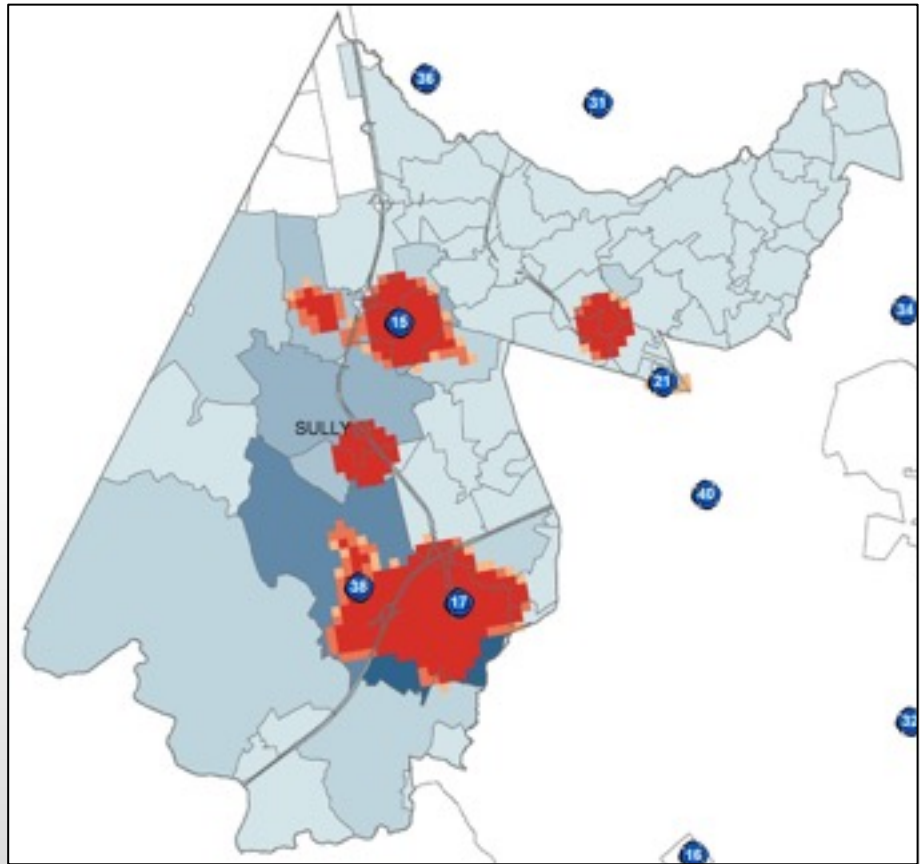


Sully District: Incident Hot Spots

Calendar Year 2010



Calendar Year 2015



Hot Spot Locations (% Confidence)



90% 95% 99%

Number of 911 Incidents, by Fire Box



1 - 160 161 - 320 321 - 480 481 - 640 641 - 800 801 - 960 961 - 1,120 1,121 - 1,280 1,281 - 1,440 1,441 - 1,600



Sully District: EMS Events

Average number of dispatched EMS Incidents since 2010 have increased from approximately 434 EMS incidents per month to 546 incidents per month

Event Type	2010	2015*	Changes
ALS	2,730	3,057	↑ 327
BLS	1,343	1,494	↑ 151
Accidents (MVA)	761	920	↑ 159
Overdoses	149	234	↑ 85
CPR	92	136	↑ 44
Medical Alert Alarm	48	104	↑ 56
Interfacility Transport	34	20	↓ 14
Suicide Attempt	20	19	↓ 1
Stabbing, Shooting or Assault	17	15	↓ 2
Carbon Monoxide Poisoning	10	3	↓ 7
Drowning	1	1	↔ 0

* CY2015 includes all incidents through the end of November 2015



Sully District: Fire Events

Average number of dispatched Fire Incidents since 2010 have increased from approximately 170 Fire incidents per month to 184 incidents per month.

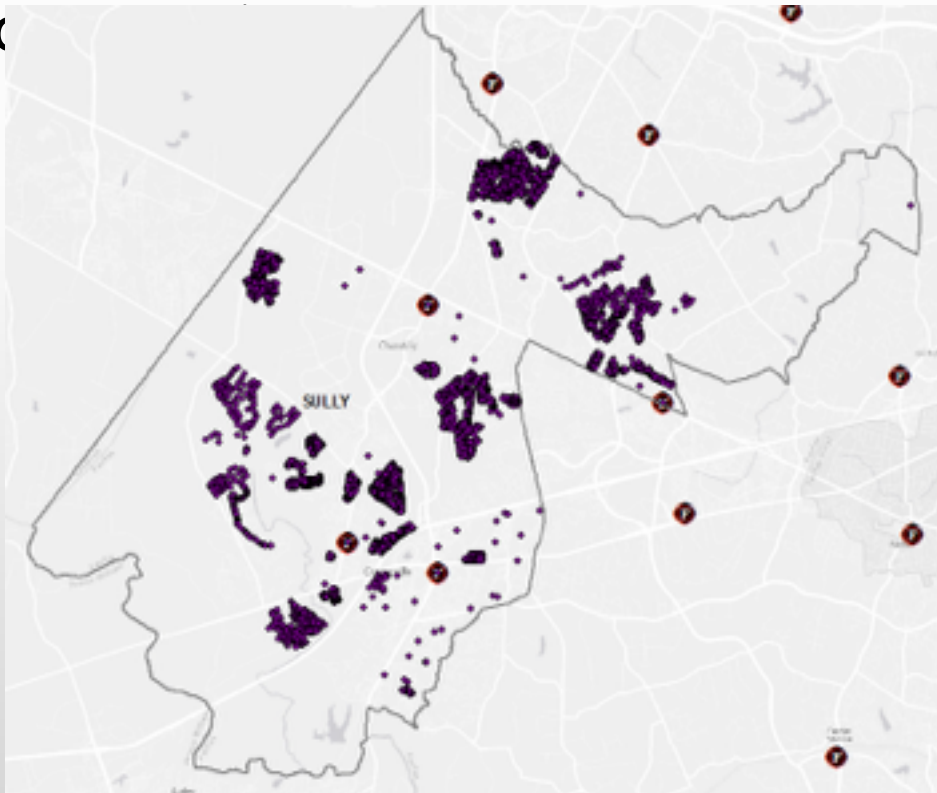
Event Type	2010	2015*	Changes
Fire Alarm	1,298	1,287	↓
Fire	376	291	↓
Investigation	179	212	↑
Gas leaks	124	135	↑
Odor of smoke	41	49	↑
Wires down/Arcing	35	28	↓
Other Events **	23	27	↑

* CY2015 includes all incidents through the end of November 2015



Sully District: SIOC

In 2015 the fire and rescue department started electronically and geospatially collecting data on which houses have been visited with the Safety in our



- 4,990 homes were visited during the 2015 SIOC season in the Sully district
- 614 smoke alarms were installed in the Sully district
- 480 Files of Life were distributed in the Sully district

** CY2015 includes all incidents through the end of November 2015*



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Questions?