

Kershaw County Fire Services

Ad Hoc Conclusions
and
Data collection summary

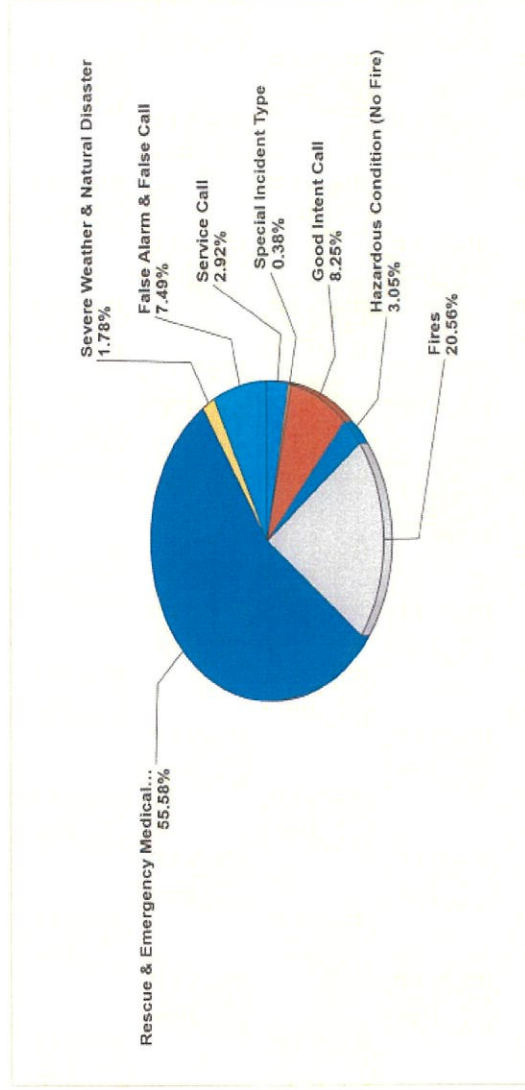
KERSHAW COUNTY FIRE STUDY SUB-COMMITTEE INTERIM REPORT

- 1/9/18
- KERSHAW COUNTY FIRE STUDY SUB-COMMITTEE INTERIM REPORT
- 1. FINDINGS
 - A. There is a need for additional fire service personnel at the Blaney Fire Station and in the Eastern portion of Kershaw County. However, more data is needed to determine exactly how many personnel and at what potential cost/benefit.
 - B. There is a need to implement an integrated reporting system across all stations so that we can accurately gauge how many calls we are handling and where we should direct taxpayer resources.
 - C. As fire service expands at Blaney, we will need to find a new location for the EMS unit currently co-located at the Blaney Fire Station.
- 2. INITIAL RECOMMENDATIONS
 - A. Implement the “Emergency Reporting” program to facilitate a unified data reporting system for calls received and handled by each station.
 - B. Organize the County fire service in a way that allows us to: 1) streamline and realize savings for station and/or sub-station identification; and 2) improve operation of our primarily volunteer fire service.
 - a. Obtain recommendations from staff regarding best way to reorganize so that we can vote on the matter at next Council meeting.
 - C. Reconvene the sub-committee after 6 months of Emergency Reporting data has been gathered to determine how to address staffing full-time fire personnel based on demonstrated need.
- Prepared by: Kershaw County Councilmen Tom Gardner, Jimmy Jones, and Ben Connell

Short term solutions

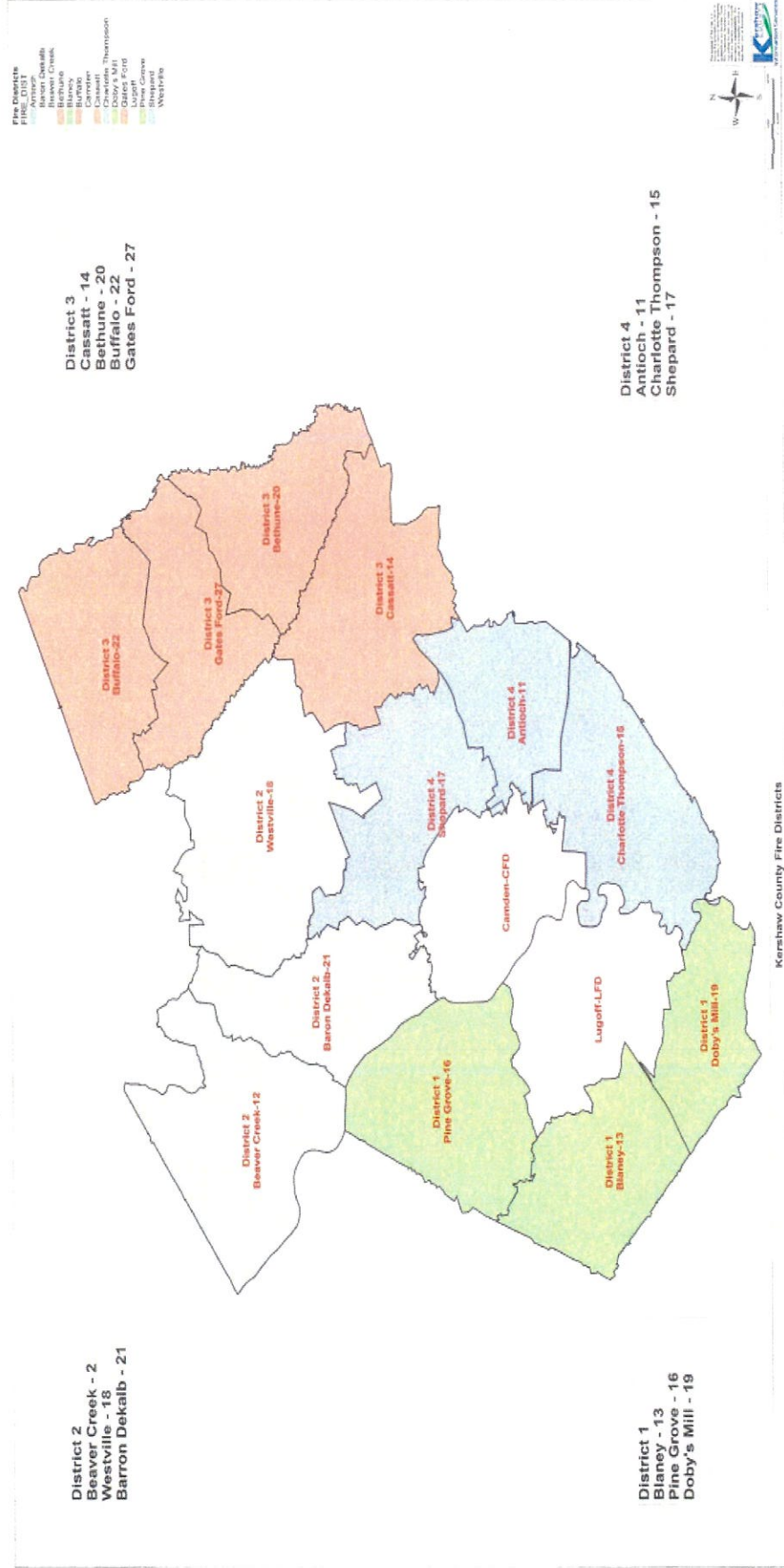
- Divide County into 4 reporting zones
- Retitle Keith to Chief and Scott to Deputy Chief from Fire Marshal
- Current Fire Station Chiefs will become Captains with one or more Lieutenants
- Implementing a training schedule for the entire county to include fire academy courses
- Implementing new Standard Operating Guidelines by revising currently guidelines and adding additional guidelines.
- Restructuring one percent to one county budget
- Begin reporting as one fire service to the academy instead of individual stations.
- Accurate reporting of fire calls due to the purchase of Emergency Reporting Software which will provide accurate statistics.
- Standardized equipment for each station
- Begin to develop costed options for future Council consideration

County-Wide Results by Incident Type



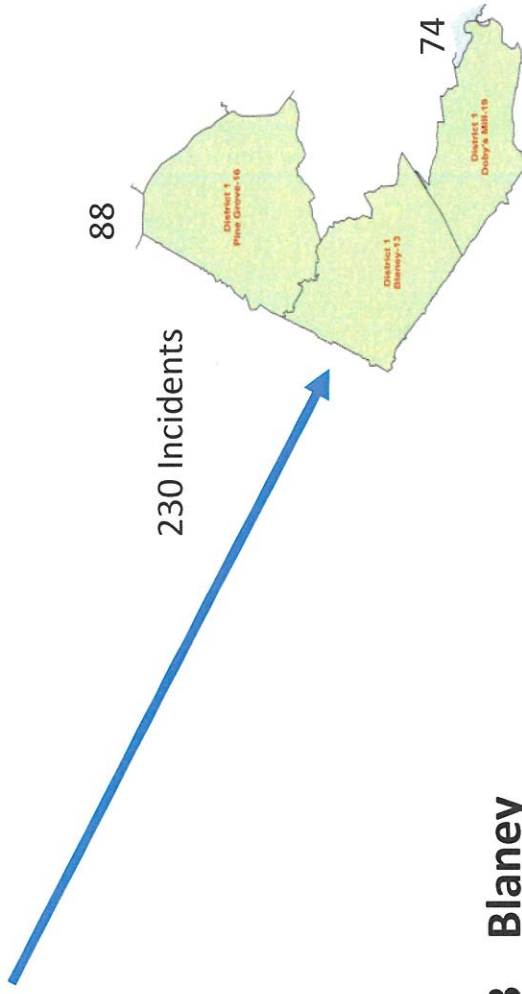
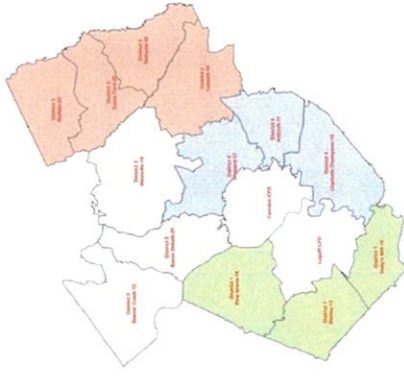
MAJOR INCIDENT TYPE	# INCIDENTS	% of TOTAL
Fires	162	20.56%
Rescue & Emergency Medical Service	438	55.58%
Hazardous Condition (No Fire)	24	3.05%
Service Call	23	2.92%
Good Intent Call	65	8.25%
False Alarm & False Call	59	7.49%
Severe Weather & Natural Disaster	14	1.78%
Special Incident Type	3	0.38%
TOTAL	788	100.00%

County-wide Incidents by Station



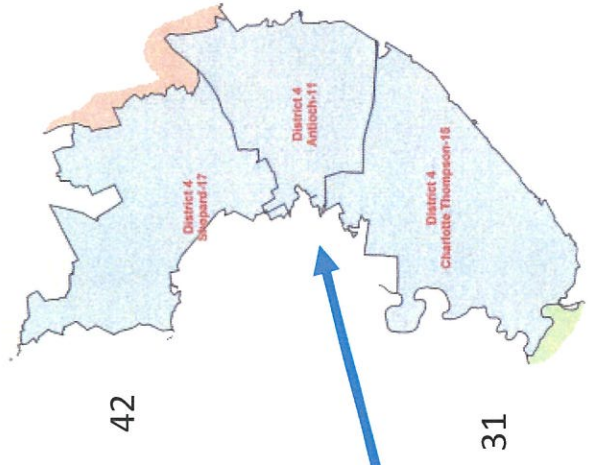
Station: 13 - BLANEY	
100 - Fire, other	1
111 - Building fire	5
113 - Cooking fire, confined to container	1
115 - Incinerator overload or malfunction, fire confined	1
118 - Trash or rubbish fire, contained	2
120 - Fire in mobile prop. used as a fixed struc., other	1
122 - Fire in motor home, camper, recreational vehicle	1
130 - Mobile property (vehicle) fire, other	6
131 - Passenger vehicle fire	4
138 - Off-road vehicle or heavy equipment fire	1
140 - Natural vegetation fire, other	4
141 - Forest, woods or wildland fire	2
142 - Brush or brush-and-grass mixture fire	7
143 - Grass fire	10
150 - Outside rubbish fire, other	1
161 - Outside storage fire	1
311 - Medical assist, assist EMS crew	85
322 - Motor vehicle accident with injuries	19
323 - Motor vehicle/pedestrian accident (MV Ped)	1
324 - Motor vehicle accident with no injuries	15
352 - Extrication of victim(s) from vehicle	1
463 - Vehicle accident, general cleanup	3
500 - Service Call, other	4
551 - Assist police or other governmental agency	1
553 - Public service	1
600 - Good intent call, other	16
611 - Dispatched & cancelled en route	7
622 - No incident found on arrival at dispatch address	2

INCIDENT TYPE	# INCIDENTS
631 - Authorized controlled burning	4
650 - Steam, other gas mistaken for smoke, other	1
651 - Smoke scare, odor of smoke	1
700 - False alarm or false call, other	11
715 - Local alarm system, malicious false alarm	1
733 - Smoke detector activation due to malfunction	3
743 - Smoke detector activation, no fire - unintentional	1
744 - Detector activation, no fire - unintentional	1
745 - Alarm system activation, no fire - unintentional	1
800 - Severe weather or natural disaster, other	3
# Incidents for 13 - Blaney: 230	



Station 13 Blaney

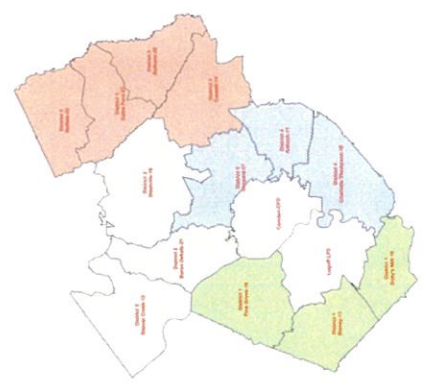
INCIDENT TYPE	# INCIDENTS
Station: 11 - ANTIOCH	
111 - Building fire	3
122 - Fire in motor home, camper, recreational vehicle	1
130 - Mobile property (vehicle) fire, other	1
131 - Passenger vehicle fire	1
138 - Off-road vehicle or heavy equipment fire	1
141 - Forest, woods or wildland fire	7
142 - Brush or brush-and-grass mixture fire	3
143 - Grass fire	1
311 - Medical assist, assist EMS crew	11
322 - Motor vehicle accident with injuries	5
324 - Motor vehicle accident with no injuries.	5
352 - Extrication of victim(s) from vehicle	4
400 - Hazardous condition, other	2
444 - Power line down	1
551 - Assist police or other governmental agency	1
600 - Good intent call, other	1
745 - Alarm system activation, no fire - unintentional	1
800 - Severe weather or natural disaster, other	1
# Incidents for 11 - Antioch: 50	



42

50 Incidents

31

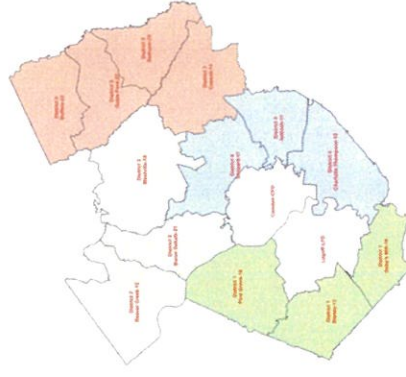
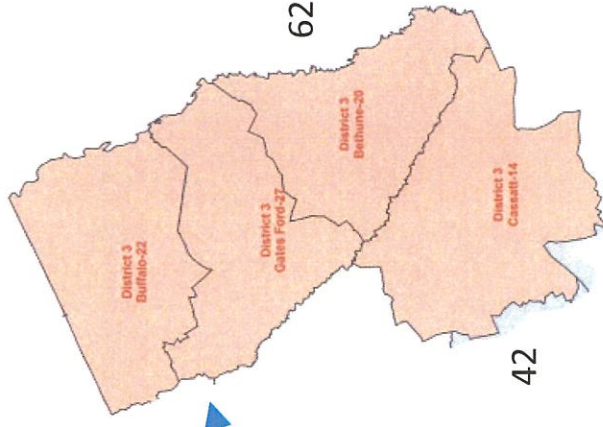
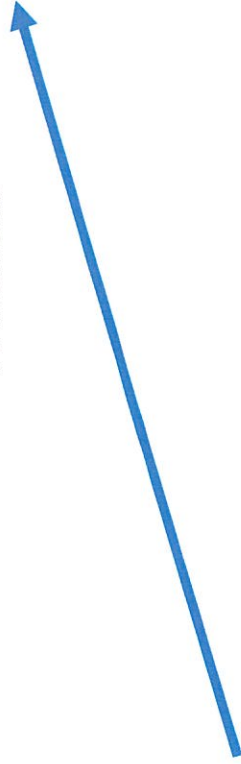


Station 11 Antioch

Station: 22 - BUFFALO-MT. PISGAH	
111 - Building fire	4
141 - Forest, woods or wildland fire	3
142 - Brush or brush-and-grass mixture fire	1
143 - Grass fire	3
311 - Medical assist, assist EMS crew	35
322 - Motor vehicle accident with injuries	5
324 - Motor vehicle accident with no injuries.	3
352 - Extrication of victim(s) from vehicle	1
445 - Arcing, shorted electrical equipment	1
462 - Aircraft standby	1
500 - Service Call, other	1
550 - Public service assistance, other	1
551 - Assist police or other governmental agency	1
553 - Public service	3
554 - Assist invalid	1
561 - Unauthorized burning	1
611 - Dispatched & cancelled en route	2
622 - No incident found on arrival at dispatch address	1
631 - Authorized controlled burning	2

INCIDENT TYPE	# INCIDENTS
651 - Smoke scare, odor of smoke	2
745 - Alarm system activation, no fire - unintentional	1
# Incidents for 22 - Buffalo-Mt. Pisgah:	73

73 Incidents



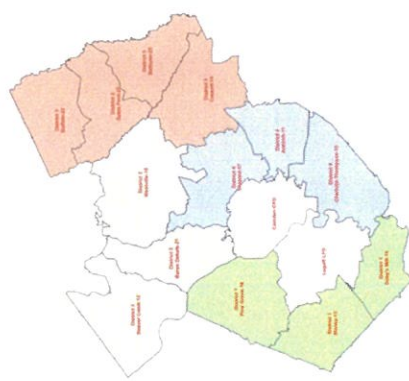
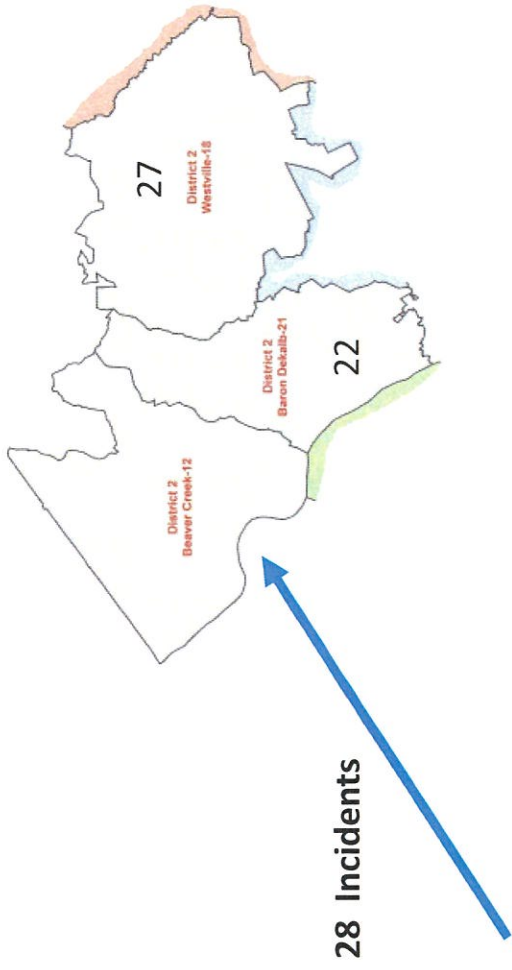
Station 22 Buffalo-Mt. Pisgah

* Includes Gates Ford substation calls

Station: 12 - BEAVER CREEK	
111 - Building fire	1
113 - Cooking fire, confined to container	1
131 - Passenger vehicle fire	1
138 - Off-road vehicle or heavy equipment fire	1
141 - Forest, woods or wildland fire	1
311 - Medical assist, assist EMS crew	3
320 - Emergency medical service, other	1
322 - Motor vehicle accident with injuries	4
324 - Motor vehicle accident with no injuries.	3

INCIDENT TYPE	# INCIDENTS
444 - Power line down	3
500 - Service Call, other	2
600 - Good intent call, other	1
700 - False alarm or false call, other	1
730 - System malfunction, other	1
743 - Smoke detector activation, no fire - unintentional	1
800 - Severe weather or natural disaster, other	3

Incidents for 12 - Beaver Creek: 28



Station 18 Beaver Creek

Longer term conclusions

Hub and Spoke professional/volunteer hybrid system

Initial changes

2 FT professionals and 1 P/T serving Blaney/W Side of County

7 P/T professionals serving East Side of County

Future changes

Add FT and PT Professionals as growth warrants

Change point system to better reward dedicated volunteers

