

SW Polk Fire District 2020 Annual Report



Mission

We protect our communities from the adverse effects of fire and medical emergencies, and other hazardous situations.

Southwest Polk Fire District

15455 Salt Creek Rd.

Dallas, OR 97338

503-925-4275

swpolkfd.org

Rickreall Community Fire Station

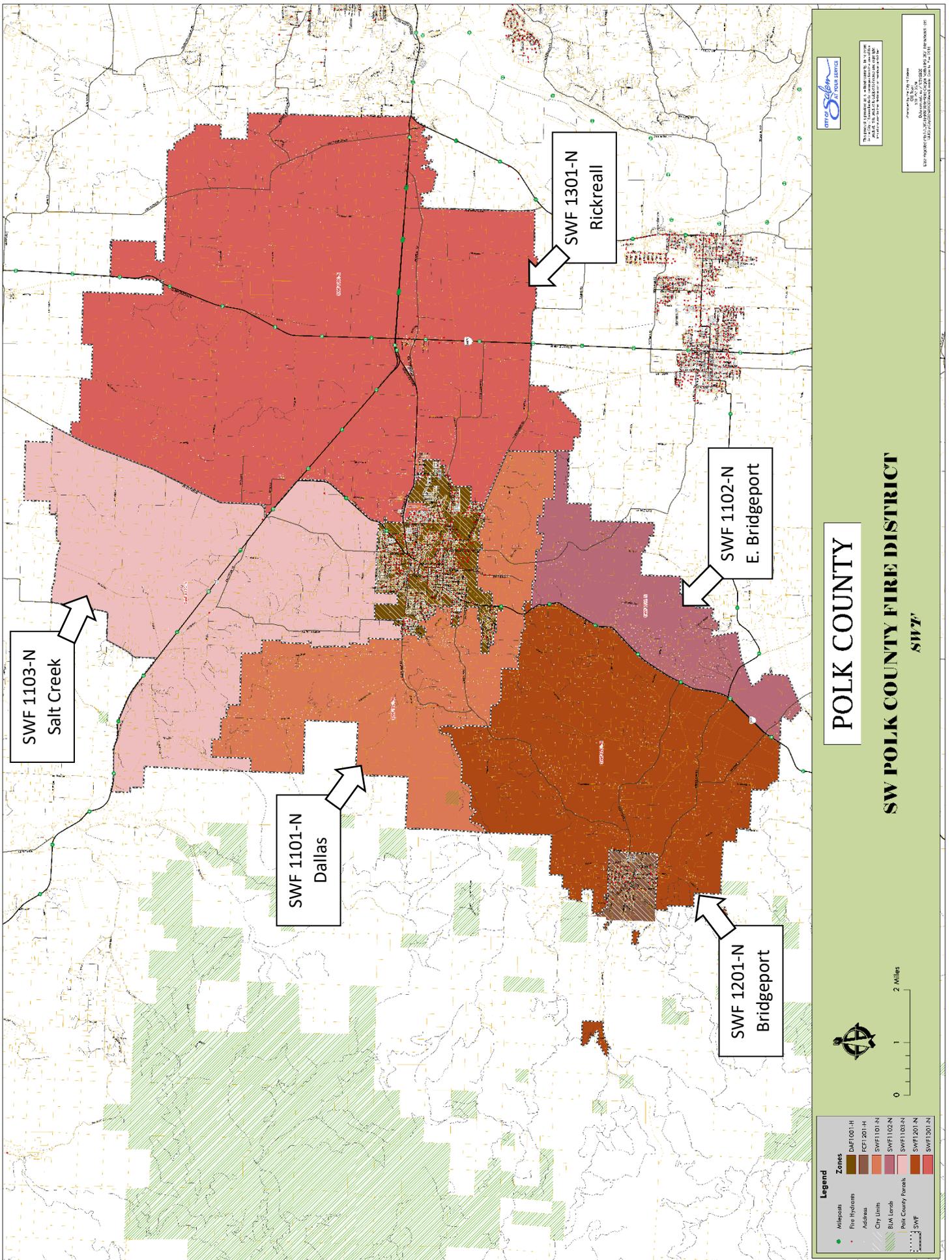
9105 Rickreall Road, Rickreall

Salt Creek Community Fire Station

15455 Salt Creek Road, Dallas

Bridgeport Community Fire Station

6040 SW Kings Valley Hwy, Dallas



SWF 1103-N
Salt Creek

SWF 1101-N
Dallas

SWF 1201-N
Bridgeport

SWF 1102-N
E. Bridgeport

SWF 1301-N
Rickreall

Legend

Mileposts	SWF1103-N
Fire Hydrants	SWF1201-N
Addresses	SWF1101-N
City Limits	SWF1102-N
BIA Lands	SWF1102-N
Polk County Parks	SWF1102-N
SWF	SWF1201-N
	SWF1301-N



0 1 2 Miles

POLK COUNTY

SW POLK COUNTY FIRE DISTRICT
SWF

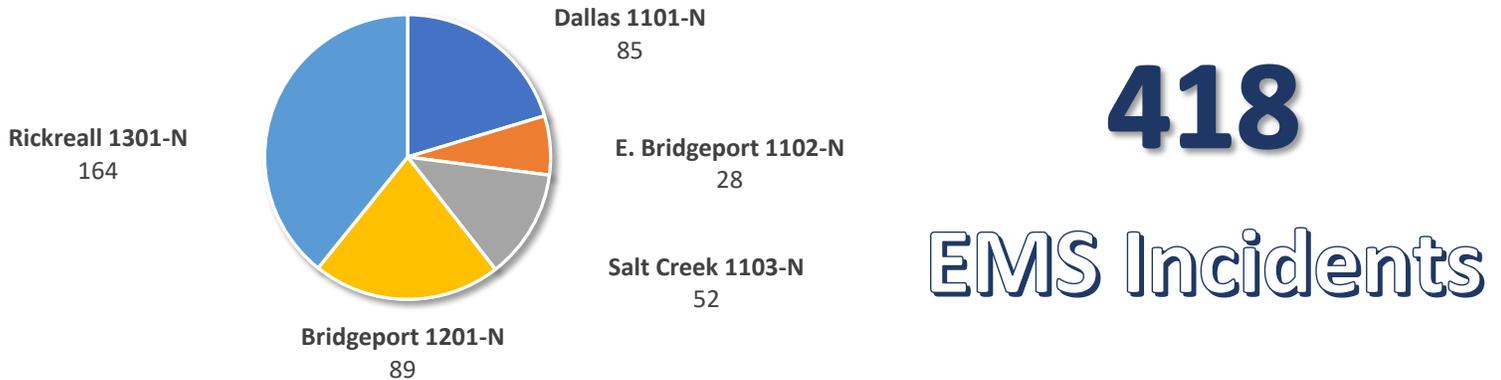


amos System
POLK COUNTY FIRE DISTRICT

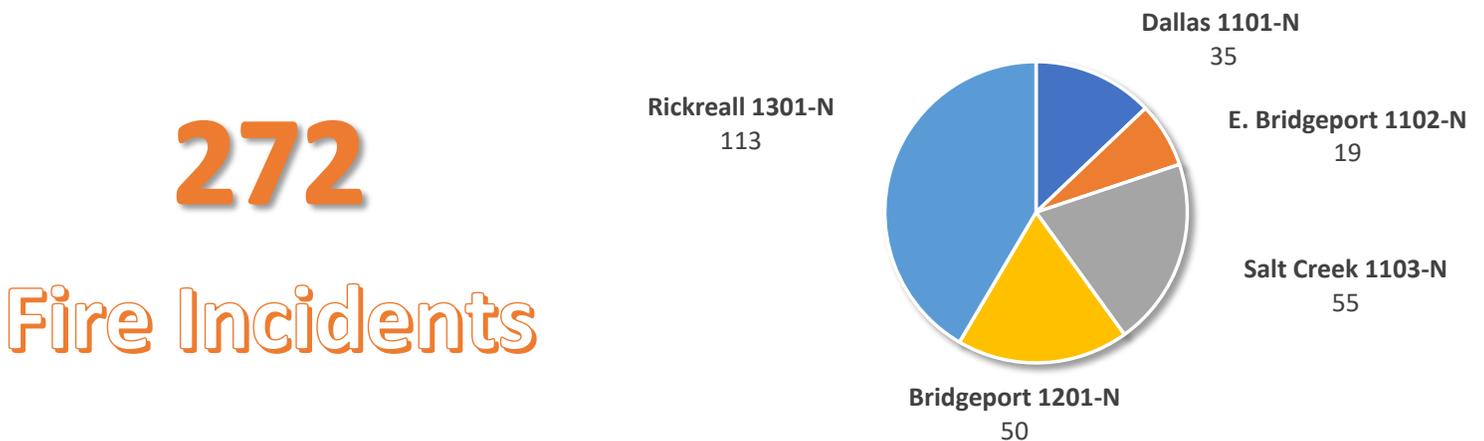
amos System
POLK COUNTY FIRE DISTRICT

Incident Summary

The following incident data was provided by the Willamette Valley Communications Center (WVCC). The data was broken down by response zone and then by incident type. The Rickreall zone received the most incidents at a total of 277, followed by the Bridgeport zone at 139 incidents, the Dallas zone at 120 incidents, the Salt Creek zone at 107 incidents, and the East Bridgeport zone at 47 incidents. Below you can see how the calls breakdown into Fire calls and Emergency Medical Incident (EMS).



Ambulance transport services for the SW Polk Fire District area are provided by Dallas Fire and EMS. This data indicates that there were 418 requests for EMS services for the year of 2020. EMS incidents accounted for 57% of the total fire and EMS service requests within the SW Polk Fire District boundary.

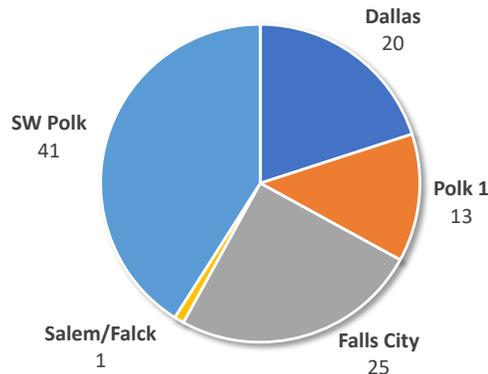


This data indicates that there were 272 requests for fire protection services for the year of 2020. These incidents include structure fires, wildland fires, motor vehicle crashes, and other miscellaneous incidents.

Incident Summary

SW Polk receives and provides mutual aid with all surrounding Fire and EMS Districts, including providing Emergency Mobilization Response to large scale incidents across the state. The data demonstrated that SW Polk provided 47 responses to other surrounding Fire and EMS agencies. Bringing our total incident response

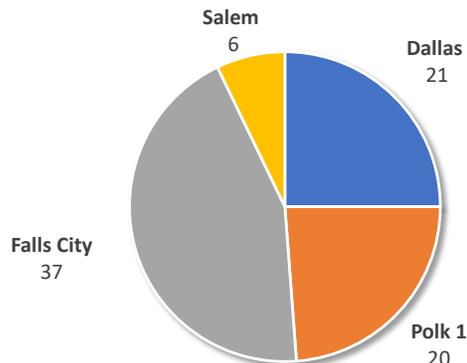
Mutual Aid to Dallas EMS Incidents within SW Polk



number to 737. The Dallas Fire and EMS maintains the responsibility for the Ambulance Service Area (ASA) for the entire SW Polk Fire District. The WVCC incident data was used to determine the number of times other agencies have assisted SW Polk on fire incidents. Furthermore, the data demonstrates the number of times mutual aid was provided to Dallas Fire and EMS on emergency medical incidents.

Along with SW Polk and Dallas' collaborative mutual aid, the following districts also provide mutual aid: Polk County Fire District No. 1 (Polk 1), Salem Fire Department/Falck Northwest, and Falls City Fire Department. The data indicated that SWP provided mutual aid to Dallas EMS incidents within SW Polk on 41 incidents. Falls City and Polk 1 provided EMS mutual aid for 25 and 13 incidents respectively. Falck Northwest (contracted with Salem) provided mutual aid once. Dallas Fire provided mutual aid to their own incidents 20 times.

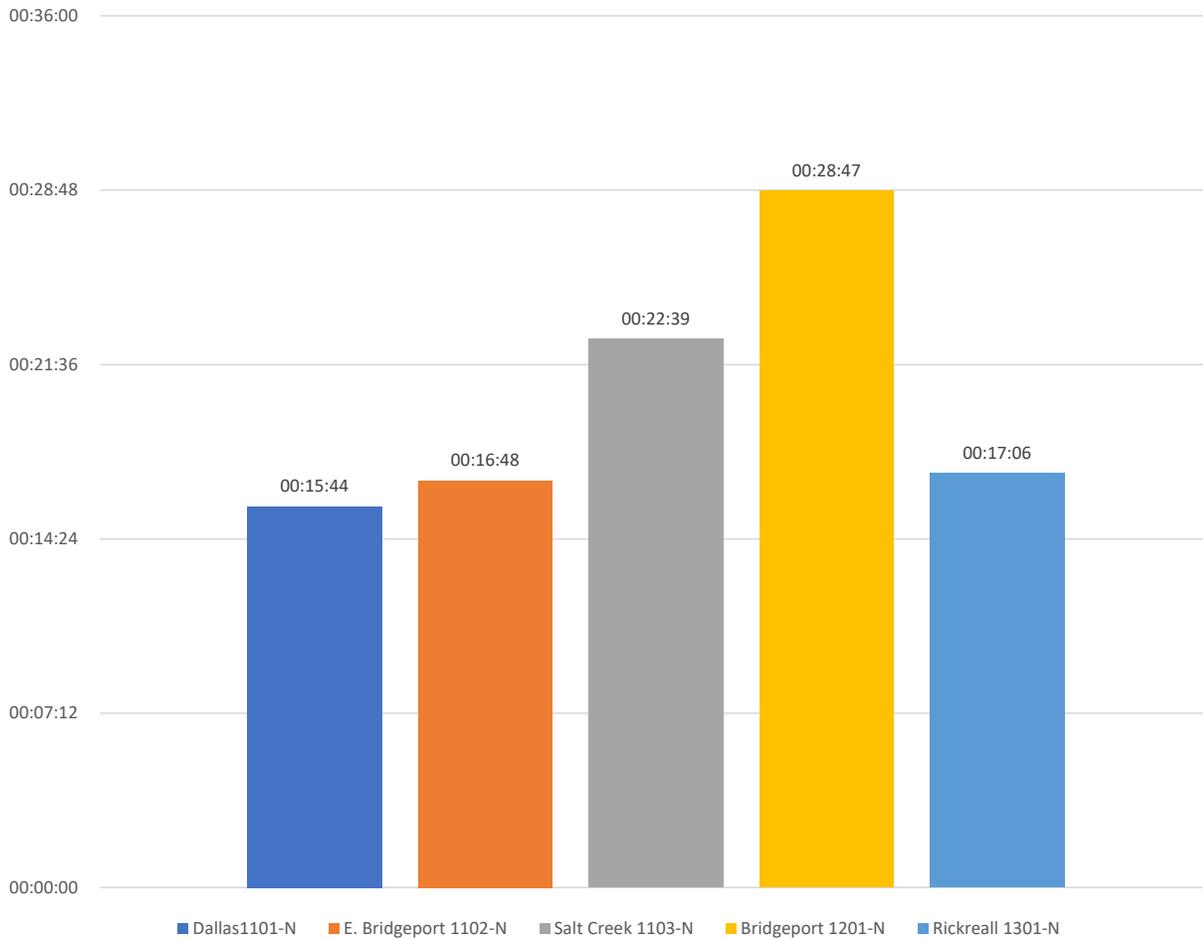
Mutual Aid to SWP Fire Incidents



Mutual aid to SW Polk Fire incidents was provided by Falls City Fire Department at 37 incidents. Polk 1 aided 20 incidents and Salem to 6.

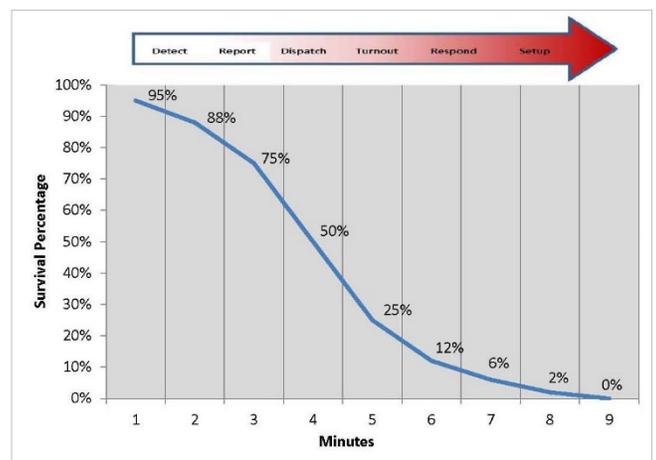
EMS Response Times

EMS Response 90% of the Time



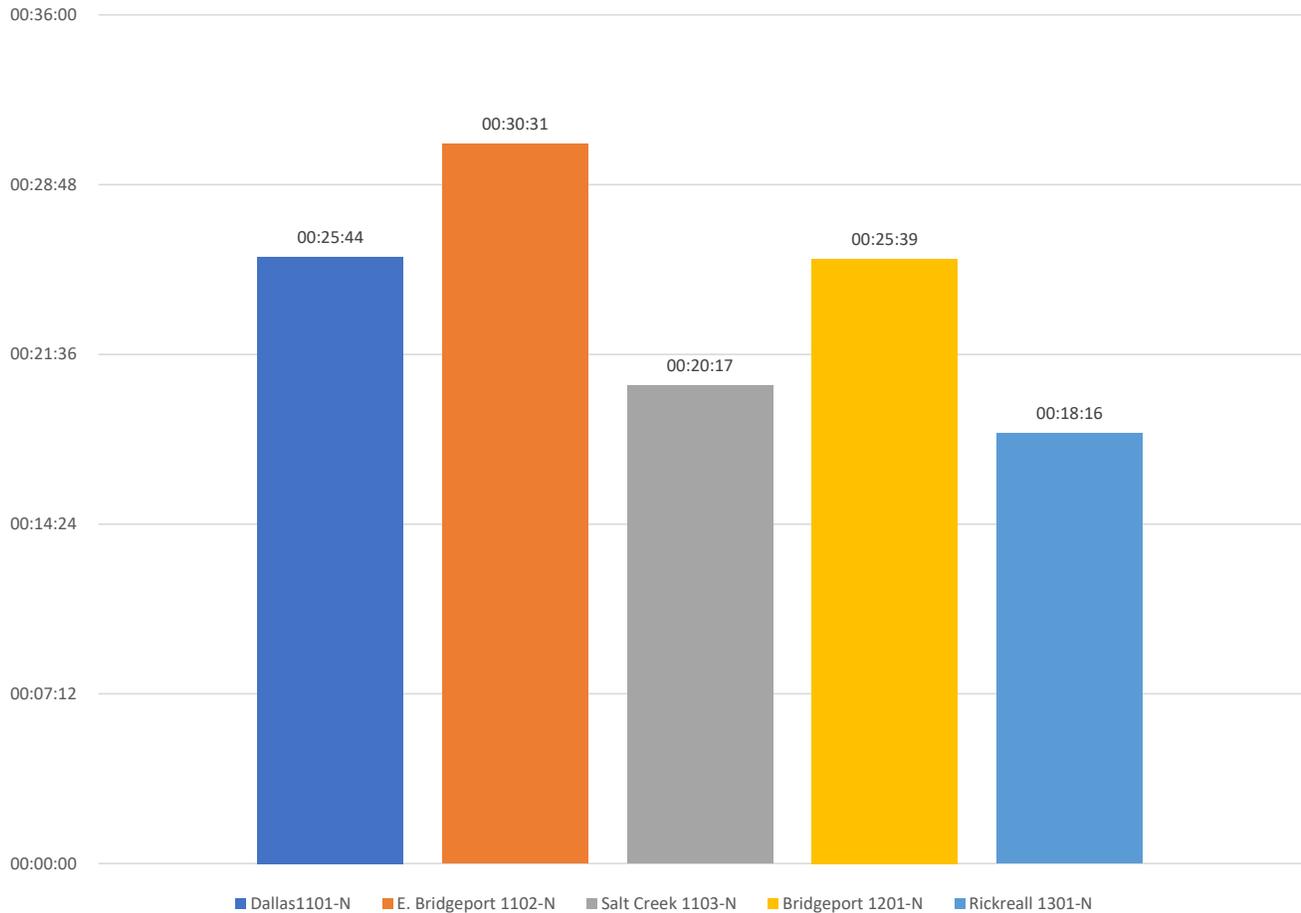
All response times elements are reported at the 90th percentile. Percentile reporting is a methodology by which response times are sorted from least to greatest, and a “line” is drawn at a certain percentage of the calls to determine the percentile. The above graph demonstrates the response time 90% of the time per each of the five response zones within the SW Polk Fire District for EMS incidents. This data includes both emergency and non-emergency incidents. A map of the fire response zones is located on page 1.

The response time was determined by taking each incident and calculating the time it took from being dispatched for crews to arrive at the incident scene. This data is important for determining where coverage can be improved. As the chart on the right indicates, the chances of survival for cardiac arrest victims drops dramatically after four minutes.



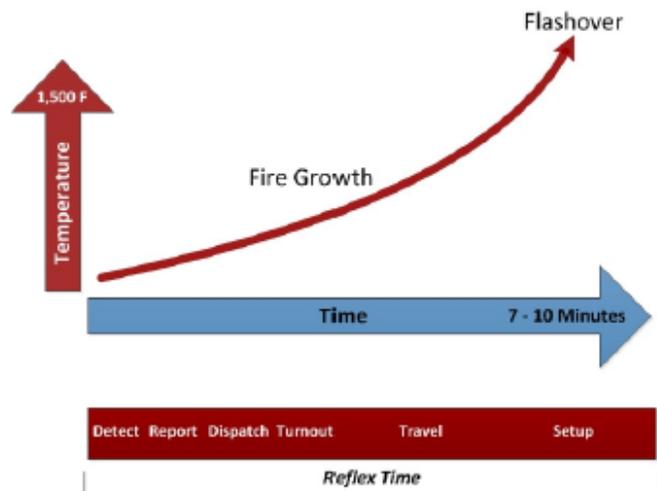
Fire Incident Response Times

Fire Response 90% of the Time

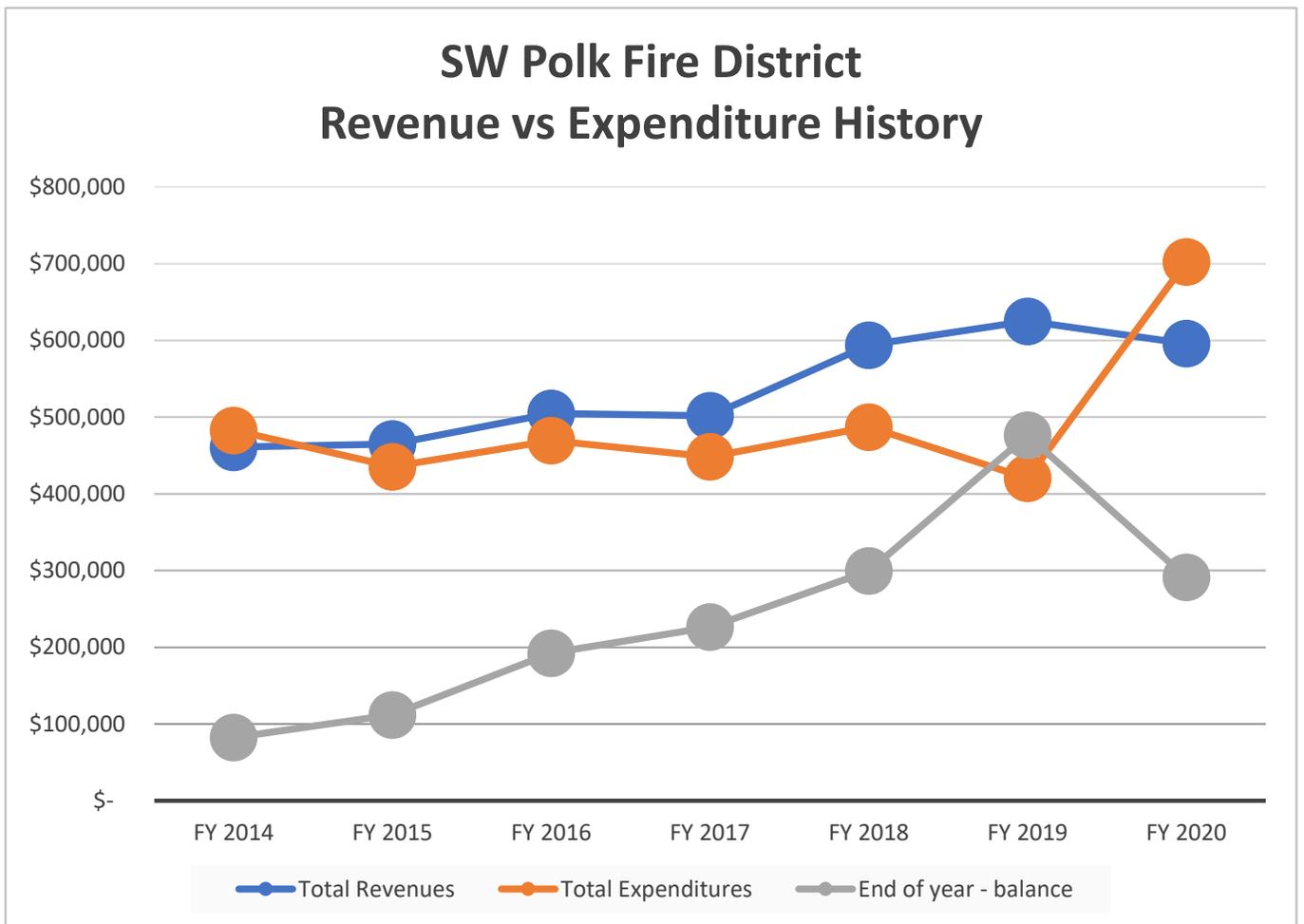


The above graph demonstrates the response time 90% of the time per each of the five zones within the SW Polk Fire District for fire incidents. This data includes both emergency and non-emergency incidents.

The response time was determined by taking each incident and calculating the time it took from being dispatched for crews to arrive at the incident scene. This data is important for determining where coverage can be improved. As the chart on the right indicates, the chance of a flashover increases dramatically after 10 minutes. A flashover occurs with much greater frequency when airborne gases trapped in a burning building become so hot that they ignite, simultaneously triggering surrounding materials to burst into flame. In the 2016 Master Plan, response time for SW Polk incidents during the study period for fire and special operations was 24 minutes 14 seconds, 90 percent of the time. This data shows a slight improvement over the Master Plan data at 23 minutes and 53 seconds overall.



Financial Summary



SW Polk began in a new direction in 2014. The first year saw an increase to the end of year balance. In the following several years, there was a steady increase due to shared resources, grants, and other careful financial decisions. The above noted end of year balance decrease, for FY 2020, was a result of changes made that included hiring four new career response staff. SW Polk will continue to practice sound financial decision making with a mission of improving service to our citizens. The following items are under consideration by the SW Polk Board of Directors:

1. Pursuing ambulance licensure
2. Pursuing a general operating levy for additional staffing
3. Continuing to pursue partnerships, mergers, and consolidations

Bond Update

New Stations

In 2017, the citizens of SW Polk approved a bond measure for the construction of new fire stations. The Board of Directors developed and implemented a plan to construct the stations listed below. One on Rickreall Road, one on Salt Creek Road, and one on South Kings Valley Hwy. At the end of 2020 the three stations were in various stages of construction, all with an estimated completion time of Summer 2021.

Station 130 - Rickreall



9105 Rickreall Road, Rickreall

Station 140 - Salt Creek



15455 Salt Creek Road, Dallas

Station 150 - Bridgeport



6040 S Kings Valley Hwy, Dallas

Bond Update

New Apparatus

The 2017 bond paid for new apparatus. Three engines were purchased and arrived at the end of 2020. Staff received two months of training on the new engines as they were being upfitted with equipment, decaling, radios, etc.... One of these engines will be placed in each one of the new stations.



The COVID-19 pandemic and the historic wildfire season in 2020 caused extensive delays in construction and the manufacturing of the new engines. In 2021, SW Polk intends to finalize construction on all three stations and all three apparatus will be placed into service. Please look for announcements on the ribbon cutting and “push-in” ceremonies for these new stations and apparatus.