



# SOUTH DAVIS METRO FIRE 2020 ANNUAL REPORT



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**COMMITTED TO EXCELLENCE,  
DELIVERED WITH PRIDE**

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# MESSAGE FROM THE FIRE CHIEF

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FIRE CHIEF  
DANE STONE



It my pleasure to serve the community as Fire Chief, and I am excited for the future. We will continue to learn, improve, and grow to meet the coming demands of the communities that we serve.

It is my privilege to present to you the 2020 Annual Report. This report identifies many of the highlights throughout this past year.

This report will summarize our commitment to providing our residents and visitors with the highest quality of emergency preparedness and service. South Davis Metro Fire has continued its forward progression toward meeting the needs of our community for not just today, but also well into the future. The men and women of this department provide exceptional customer care as they deliver the highest quality in emergency services. I firmly believe that this fire department couldn't be what it is today without the outstanding work ethic of our firefighters and fire officers, coupled with the unwavering support from our Fire Commissioners, City Administrators, City Councils, and the Fire Administrative Staff.

This year has seen its challenges, starting with an earthquake then the ongoing COVID-19 pandemic, civil disturbances, and the downslope wind event. In addition, several members had the opportunity to step up in leadership positions with the retirement of Chief Jeff Bassett. Through all of this, the dedicated members of our organization worked tirelessly to handle the issues presented to them with skill, safety and professionalism.

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# SENIOR STAFF PROFILES

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DEPUTY CHIEF  
DAVE POWERS

Chief Powers was born in Salt Lake City and raised in Bountiful, Utah. He started his career at South Davis Fire District in 1988 leaving as a Captain in 1998 to take the job as Fire Chief for South Ogden City. Chief Powers returned to South Davis Metro Fire in 2006. He is currently serving as the Deputy Chief of Administration, which deals with employee hiring and the development of policies and procedures.



DEPUTY CHIEF  
GREG STEWART

Chief Stewart started his career in the fire service as a volunteer firefighter for Richmond Fire Rescue in Cache Valley where he served as a firefighter and as the EMS Association President. He graduated with a Bachelor of Arts from Utah State University. He has been with South Davis Metro Fire for 20 years. Chief Stewart is trained in fire and EMS as well as Hazmat and Technical Rescue. He is currently serving as the Deputy Chief of Operations as well as logistics.



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# BOARD OF TRUSTEES

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Organized under the Utah Service Area Act, South Davis Metro Fire Service Area is comprised of an elected six-member Board of Trustees from each participating municipality and Davis County. The Board establishes policy, sets tax rates, issues bonds and approves the budget.



**MAYOR RANDY LEWIS**  
BOUNTIFUL



**MAYOR CLARK WILKINSON**  
CENTERVILLE



**MAYOR LEN ARAVE**  
NORTH SALT LAKE



**MAYOR KEN ROMNEY**  
WEST BOUNTIFUL



**MAYOR RICK EARNSHAW**  
WOODS CROSS

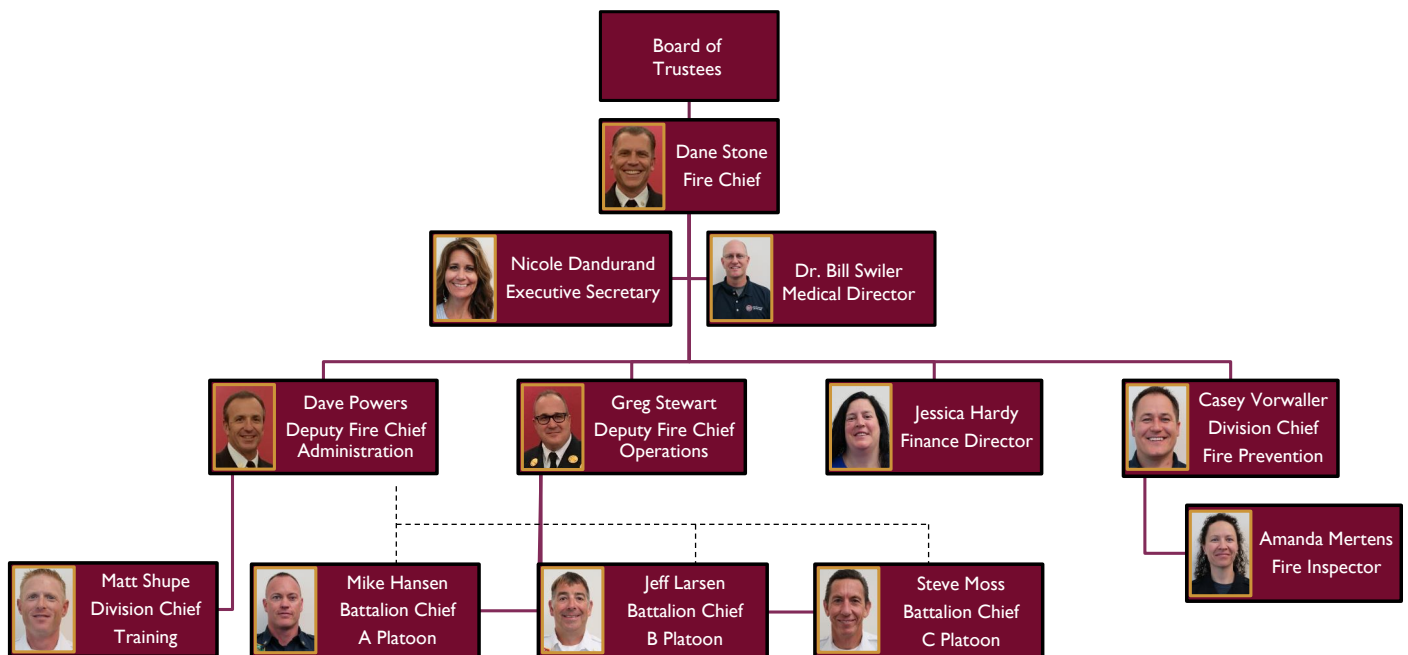


**DAVIS COUNTY  
COMMISSIONER  
BOB STEVENSON**

# ABOUT US

South Davis Metro Fire provides emergency and public services to the cities of Bountiful, Centerville, North Salt Lake, West Bountiful, Woods Cross and the unincorporated areas of South Davis County. All of these cities are located in the south end of Davis County which borders Salt Lake City. Our five fire stations are strategically located throughout our jurisdictional boundaries to provide all of our citizens with the quickest response available. Our emergency services include fire, ambulance, paramedic, hazardous material and technical rescue response. Our public services include fire prevention, public education, station tours, CERT, first aid and CPR classes, business inspections, fire investigations, and much more. We are your community fire department.

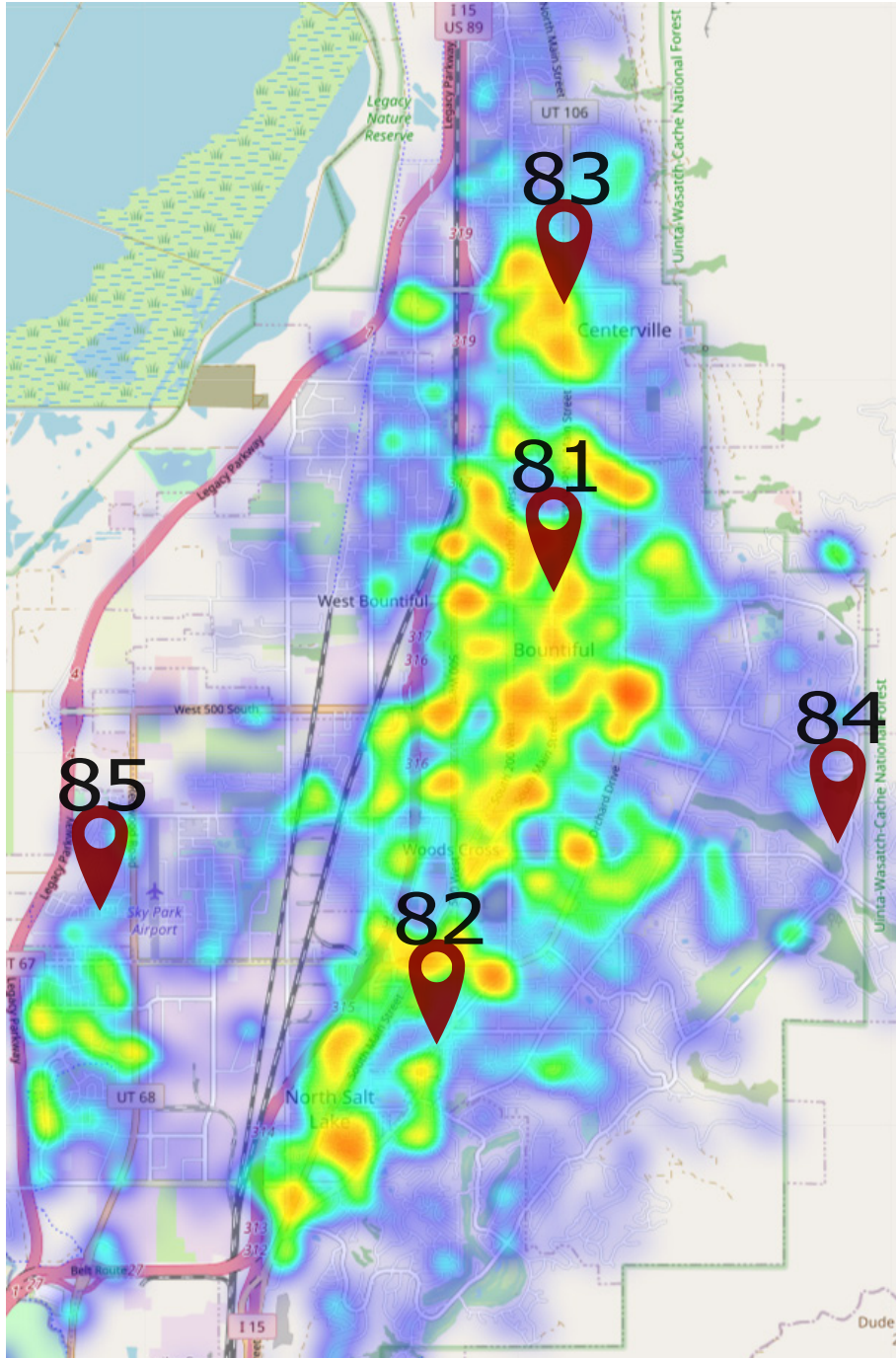
## ORGANIZATIONAL CHART



# FIRE STATIONS

## STRATEGICALLY PLACED

Five fire stations are strategically located throughout Southern Davis County to maximize coverage and minimize response times. Stations are staffed twenty-four hours a day, seven days a week, by three separate shifts.



-Heat map of all calls 2020-2021.

## FIRE STATIONS

**5 STATIONS**

**3 ALS FIRE ENGINES**

**1 BLS FIRE ENGINE**

**1 BLS LADDER TRUCK**

**4 ALS AMBULANCES**

**93 OPERATIONAL STAFF**



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# RESOURCE DEPLOYMENT

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**2020**

## INCIDENTS

**7,222 TOTAL CALLS**

**313 CALL INCREASE**

**4.53% PERCENT INCREASE**

## TOTAL INCIDENTS

**2017 6,528 CALLS**

**2018 6,813 CALLS**

**2019 6,909 CALLS**



## SERVICE

**5  
COMMUNITIES SERVED**

**42  
SQUARE MILES**

**120,000  
POPULATION**

1,787

FIRE CALLS

5,435

MEDICAL CALLS

STATION 81

BUSIEST STATION

67

MUTUAL AID GIVEN  
TO OUTSIDE CITIES





# MANAGING COVID-19



MEDICAL BATTALION CHIEF  
JEFF LARSEN

The year 2020 brought an unexpected pandemic, which proved that no EMS agency including the state level was prepared for a pandemic of this size. With the cooperation from our local health department and multiple vendors, South Davis Metro Fire was able to acquire and retain appropriate levels of PPE to safeguard our employees and the patients that call upon us.

South Davis Metro Fire was aggressive and proactive with our protocols and standards to protect our employees.

5,435 MEDICAL CALLS.

95 LAB CONFIRMED PATIENTS TRANSPORTED.

350 “PERSON UNDER INVESTIGATION” CALLS.

31% INCREASE IN DIFFICULTY BREATHING CALLS.

Despite the above facts, South Davis Metro Fire was able to keep infection rate within our department to 15% of our employees.

## COVID IMPACT

**31%**

INCREASE IN “DIFFICULTY BREATHING” CALLS

**95**

LAB CONFIRMED COVID PATIENTS TRANSPORTED

**350**

“PERSON UNDER INVESTIGATION” CALLS





# FIRE PREVENTION

The Fire Prevention and Investigations Division serves the public by providing fire and life safety inspections, community education and fire investigations. These functions help prevent fires, enhance public safety in all buildings and improve emergency responder's ability to manage an incident. By doing this, we help to achieve a safe, vibrant and economically sustainable community.



**FIRE MARSHAL  
CASEY VORWALLER**

Since 2007, Chief Casey Vorwaller has worked in fire prevention and has extensive experience in code enforcement, public education, plan reviews and fire investigations. He has also been active on the State level, having served as the president and vice-president of the Fire Marshal's Association of Utah, vice-president and board member of the Utah Chapter of IAAI, and as the Fire Service Representative on the State of Utah Uniform Building Codes Commission. Chief Vorwaller enjoys and appreciates any opportunity to discuss and share fire prevention information with the citizens we serve.



**FIRE INSPECTOR  
AMANDA MERTENS**

Fire Inspector Amanda Mertens began working in Fire Prevention in 2016, but her experience in construction, design, plan reviews and code compliance covers the past 20 years. Fire Inspector Mertens has been an integral part of both the South Davis Metro Fire Prevention Bureau, as well as the Fire Prevention community Statewide. Knowledge in the architectural and construction trades has led her to be a sought-after voice among her peers, coworkers and supervisors.

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# OPERATIONS

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South Davis Metro Fire Department provides prompt and efficient emergency response to every type of hazard including: Emergency medical services, structural fire extinguishment, fire alarms, wildland fires, technical rescue, hazardous material incidents, incidents of mass violence and vehicle extrication. The delivery of these services is the responsibility of the Operations Division of our fire department.

Our fire stations are staffed 24/7/365, each fire apparatus has a minimum of 3 personnel and our ambulances 2 personnel. All employees are trained at the minimum of an Advanced Emergency Medical Technician.

In 2020, South Davis Metro Fire Department continued to run more incidents than previous years. We are always looking for ways to meet the demand of higher call volume and adjusting resources as needed.





# APPARATUS

## INCLUDES:

**6-ENGINES**

**2-LADDER TRUCKS**

**7-AMBULANCES**

**2-HAZMAT SUPPORT**

**6-BRUSH TRUCKS**

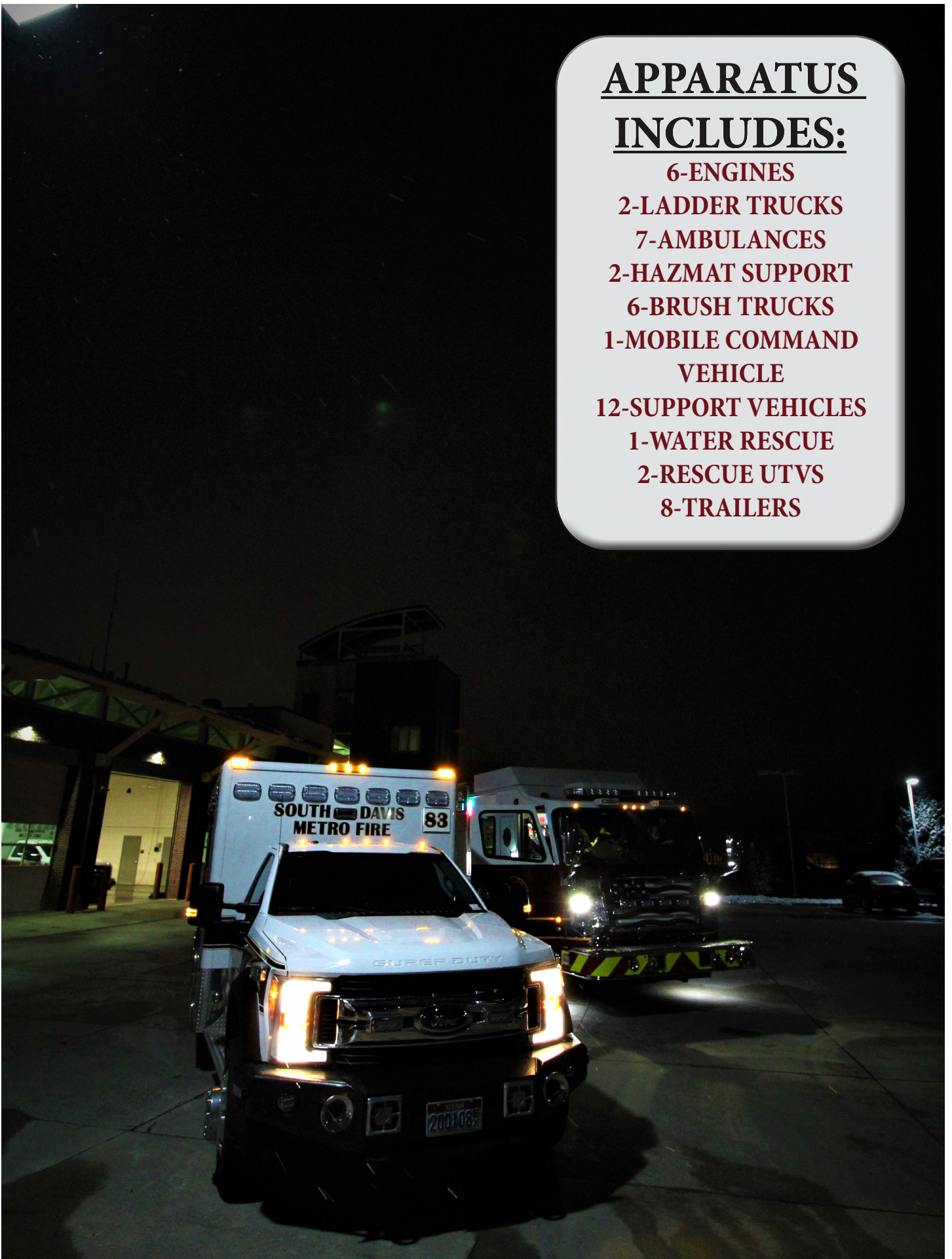
**1-MOBILE COMMAND  
VEHICLE**

**12-SUPPORT VEHICLES**

**1-WATER RESCUE**

**2-RESCUE UTVS**

**8-TRAILERS**





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# EMS OPERATIONS

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South Davis Metro Fire Department responds to over 7,200 calls a year. In 2020, 80% of department responses were medical in nature.

All South Davis Metro Fire employees are trained Advanced Emergency Medical Technicians, and take continuing education classes each year to build upon their skills. 32 additional employees have decided to take their education further and became Paramedics. A Paramedic is the highest certification from the State of Utah for prehospital care.

To become a Paramedic, the employee must go through a 10-month program with Weber State or Utah Valley University, completing over 1,800 hours of classroom training, clinical rotations and field training.

Dr. William Swiler is the EMS medical director for South Davis Metro Fire. Medical Directors provide critical oversight and medical direction to ensure that effective emergency medical care is provided to the citizens of our area. In addition to providing medical oversight and direction, EMS Medical Directors support EMS personnel through training, protocol development and resource deployment.

## Bill Swiler, DO, MPH

University of Utah BS 1996 and MPH 1997

Kirkville College of Osteopathic Medicine 2002

Internship: USAF Andrews Air Force Base, Maryland 2003

### Active Duty Air Force Flight Surgeon 2003-2006

Aerospace Medicine Primary Course Honor Graduate 2003

Baghdad, Operation Iraqi Freedom 2003-2004

Chief Flight Surgeon, Operation Red Flag 2004

Combat Casualty Care Course 2004

Global Medicine and Infectious Diseases Course 2005

Operation Cope North Chief Clinical Director- Guam and Japan 2005

391st Squadron Flight Surgeon with 160 crew flight hours in F-15E,  
F16, C-5, C-141 and C-130.

### Emergency Medicine Residency

Indiana University School of Medicine 2006-2009

### EPIC/Carepoint Health

Emergency Medicine Attending 2009-Present

Chairman Lakeview Emergency Department 2011-2016

Chairman Jordan Valley Hospital, West Valley Campus 2018-2020

### South Davis Metro Fire Department

Medical Director 2012 - Present



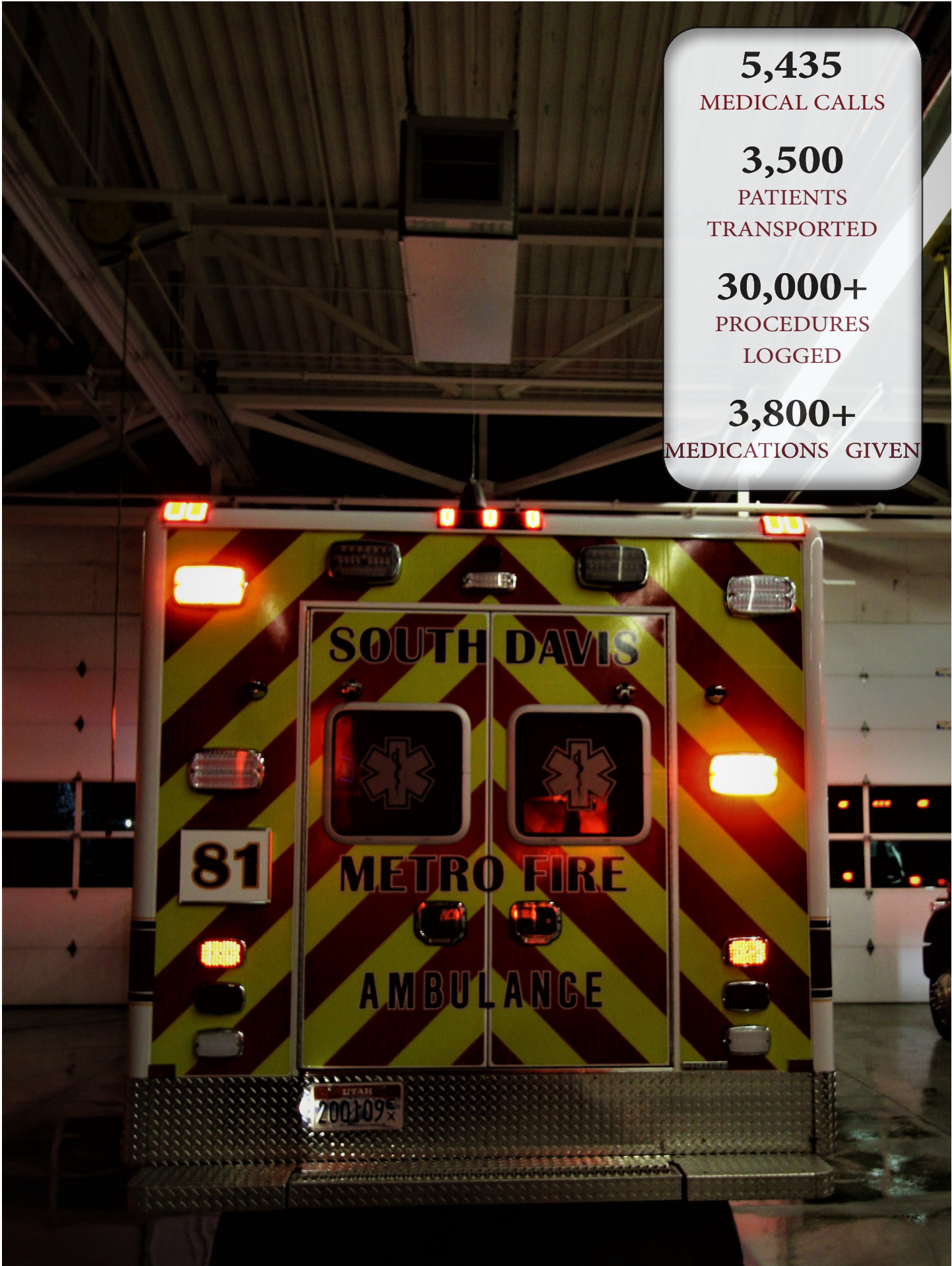
**MEDICAL DIRECTOR  
DR. WILLIAM SWILER**

**5,435**  
MEDICAL CALLS

**3,500**  
PATIENTS  
TRANSPORTED

**30,000+**  
PROCEDURES  
LOGGED

**3,800+**  
MEDICATIONS GIVEN





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# SPECIAL OPERATIONS

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The **Technical Rescue Team's** duties extend beyond firefighting and EMS to include water and ice related emergencies, high angle access and rescue, trench shoring, confined space rescue, structural collapse shoring, heavy vehicle extrication and machinery disentanglement. The team is part of Utah's Northern Region Response Team and the members bring technical knowledge, high-risk work duties and specialized equipment to the emergencies they respond to. These low-frequency/high-risk events require continual training and education in order to maintain a state of constant readiness.

The **Hazardous Materials Team** responds to any chemical, biological or radiological incidents that occur in our service area. The Haz Mat team is also part of both the Davis County and Northern Region Response Alliance and will respond to numerous communities for mutual-aid or task force requests for service. Our team is well equipped with state-of-the-art instruments to identify unknown chemicals and monitor the atmosphere for chemical hazards. Our service area has numerous petrochemical facilities as well as the associated transportation and movement of products over the road, pipelines and rail. In addition to these hazards, we also have radiological facilities, various manufacturing/processing facilities and logistics for all types of inland shipping.







**25**

HAZARDOUS MATERIAL  
TECHNICIANS

**10**

HEAVY RESCUE TECHNICIANS

**STATION 83**

HEAVY RESCUE RESPONSE  
STATION

**STATION 85**

HAZ-MAT TECHNICIAN  
RESPONSE STATION

# TRAINING DIVISION

The Training Division is responsible for providing fire training, education and ongoing development for the Fire Department.

In 2020, the Training Division coordinated and conducted over 17,500 hours of training. With over 2,200 hours of Special Operations training.



DIVISION CHIEF  
MATT SHUPE

Chief Shupe started his fire career in 1999 with the Bountiful City Fire Department. In 2005, South Davis Fire District and Bountiful City Fire merged forming South Davis Metro Fire Service Area. Matt promoted to Captain with the merge and his passion for training other firefighters sparked. During that time as Captain, he served on the board for Region 1 Hazmat, established the Davis County Hazmat Task Force and has taught various fire disciplines and academies throughout the state of Utah. In 2013, he promoted to the Training Division Chief and took on the task of developing South Davis Metro Fire's training program. This included creating an evolution manual for continuous training within the department and is currently working on a permanent training facility for the department. Chief Shupe has a bachelor's degree in fire administration, is a Certified Incident Safety Officer, Certified Incident Command Instructor and has conducted numerous recruit academies for South Davis Metro Fire.

## 2020 TRAINING

17,632  
TRAINING HOURS

2,244  
SPECIAL TRAINING HOURS

176  
AVERAGE HOURS PER FIREFIGHTER

5  
RECRUIT FIREFIGHTERS GRADUATED







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### **FIREFIGHTER RECRUIT ACADEMY**

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South Davis Metro Fire initiated two 16-week long recruit academies. This rigorous training program prepared the firefighters with basic knowledge, skills and abilities to safely operate around emergency scenes.



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### **STAFF**

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The Training Division is composed of a Division Chief, with a Training Liaison on each shift.



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### **SPECIAL TEAMS TRAINING**

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Heavy Rescue Technicians and Hazmat Technicians require additional hours of training to maintain their certifications.

# FINANCE

South Davis Metro Fire is a special service district which operates under a hybrid funding model. Contributions are received from each member city through taxes collected by those cities, property taxes collected by the agency from individual households, and paramedic service fees that are collected by Davis County and passed onto the agency. Additionally, we are able to augment the budget and reduce the citizen tax commitment by utilizing revenues collected from emergency medical services treatment and transport.



**FINANCE DIRECTOR  
JESSICA HARDY**

Jessica Hardy joined South Davis Metro Fire in the winter of 2018. She brings over 25 years of accounting experience, with over 17 of those in state and local municipalities.

- Bachelors in Human Resources
- Masters in Business Administration
- Certified Governmental Financial Manger (CGFM)

## FINANCE OVERVIEW

**\$14.11** MILLION  
FY20-21 BUDGET

**\$14.08** MILLION  
FY20-21 REVENUES

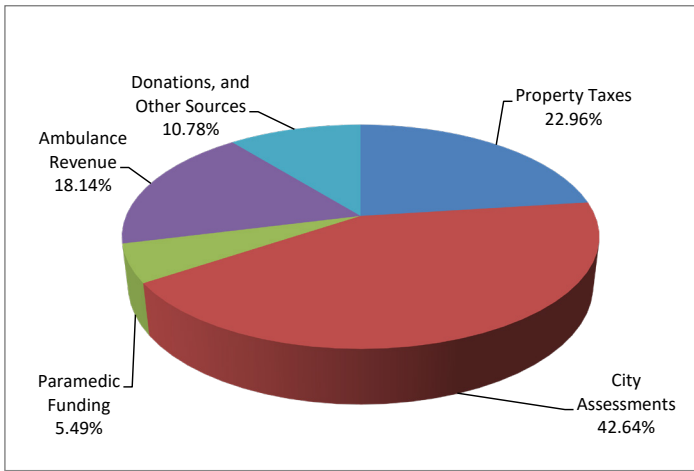
**74%**  
OPERATING BUDGET GOES TO  
SALARIES/BENEFITS



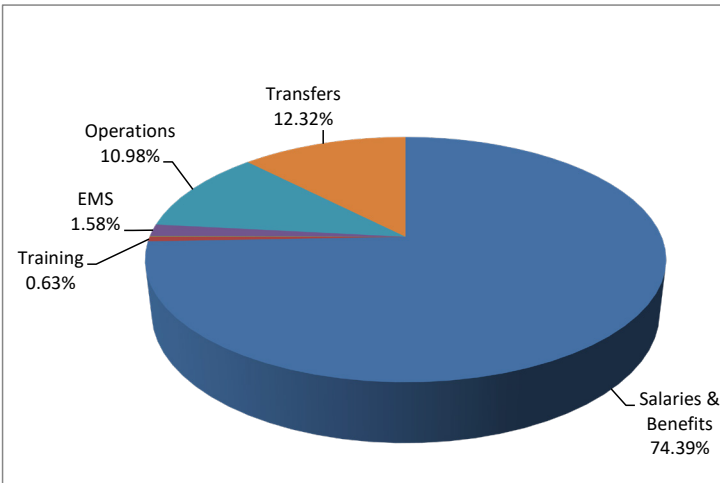
<https://www.sdmetrofire.org/finance>  
SCAN THE ABOVE ICON WITH YOUR PHONE  
CAMERA TO BE TAKEN TO OUR COMPLETE  
FINANCE SECTION.



# FINANCE



Revenues			
	FY20-21	Budget	% of Total Revenue
Property Taxes	\$ 3,233,241		23.0%
City Assessments	\$ 6,005,378		42.6%
Paramedic Funding	\$ 772,719		5.5%
Ambulance Revenue	\$ 2,554,335		18.1%
Donations, and Other Sources	\$ 1,518,677		10.8%
<b>Total Revenue</b>	<b>\$ 14,084,350</b>		<b>100%</b>



Expenditures			
	FY20-21	Budget	% of Total Expenditures
Salaries & Benefits	\$ 10,496,611		74.4%
Training	\$ 88,335		0.6%
Fire Prevention	\$ 12,300		0.1%
EMS	\$ 223,458		1.6%
Operations	\$ 1,549,746		11.0%
Transfers	\$ 1,738,900		12.3%
<b>Total Expenditures</b>	<b>\$ 14,109,350</b>		<b>100.0%</b>

Salaries are the largest expense of the agency consuming of over 74% of the operating budget. South Davis Metro Fire provides competitive salaries and benefits to attract and retain the best employees in the industry.

Transfers include contributions from the operating budget to the capital facilities budget which contains expenditures for apparatus, large equipment and expenses included in the capital facilities plan.

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