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COMMITTED TO EXCELLENCE, DELIVERED WITH PRIDE



FOLLOW US:









MESSAGE FROM THE FIRE CHIEF



FIRE CHIEF DANE STONE

This 2021 annual report summarizes our commitment to providing our residents and visitors with the highest quality of emergency preparedness and service.

In addition to providing the highest quality of service, our goal is also to provide a costeffective service. With that in mind, we entered into 2021 with an obvious shortfall in funding that we knew needed to be solved. The solution was a tax increase to compensate for this shortfall. In addition, the county gave notification they were no longer going to collect the paramedic levy, which was part of our funding. This meant an additional shortfall that had to be solved by an even higher tax rate than we had originally forecasted.

Despite the fact this was a net zero increase with the paramedic funding, we knew public perception could be an issue. A truth in taxation hearing was held and despite some opposition, we did accomplish what was necessary to fund the operations of the department through an increased tax rate.

Along with funding, the department was faced with unforeseen additional challenges. The ongoing Covid 19 pandemic presented us with continued response challenges with supply chain problems and staffing issues surrounding employees being infected and recovering. My appreciation goes out to our staff who have continued to provide dedicated service to the community as this pandemic continues.



I am honored to serve as the Fire Chief. The Firefighters of South Davis Metro Fire are true professionals, and I am proud to be associated with them.

On May 14th, we had a fatal residential structure fire that also injured one of our firefighters. As a chief, you never want to hear the words "firefighter down" and being out of town during the fire increased my anxiety, but knowing we have competent individuals to handle these situations, my concern was then focused on the family and the speedy recovery of our firefighter. More information on this incident is discussed later in the report.

The drought created additional challenges during the summer months, especially during the July holidays and fireworks. The cities on the east side all did their part through city ordinance and limited fireworks to help reduce wildland fire potential. The public in turn seemed to get the message that the area was experiencing high fire danger and tuned down their celebration activities. We were extremely fortunate to not have any significant fires in our areas. We were able to provide assistance to fires in Parleys Canyon as well as Snowbasin. Those crews were appreciated, and we were happy to assist.

I hope you find this report informative. It is my pleasure to present the 2021 South Davis Metro Fire Annual Report.



SENIOR STAFF



DEPUTY CHIEF DAVE POWERS

Deputy Chief Powers provides administrative support to the fire chief. Chief Powers has general oversight over staffing, payroll, safety and the training division. In addition, Chief Powers has direct involvement with human resource management, specifically - recruitment, promotional testing, personnel complaints, performance appraisals, policies and personnel investigations.



DEPUTY CHIEF GREG STEWART

Deputy Chief Stewart assists the fire chief in the daily management of all aspects of the fire department's operations and activities. Chief Stewart has direct supervision over three battalion chiefs who oversee three platoons, with 28 personnel on each shift, establishing area response plans, inter-agency response with mutual aid, preparing the budget and periodically reviewing equipment for safety and purchasing. The operations chief may also respond to emergencies to ensure that department policies and procedures are being followed.

BOARD OF TRUSTEES

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



DAVIS COUNTY COMMISSIONER BOB STEVENSON



MAYOR LEN ARAVE NORTH SALT LAKE



MAYOR KEN ROMNEY
WEST BOUNTIFUL

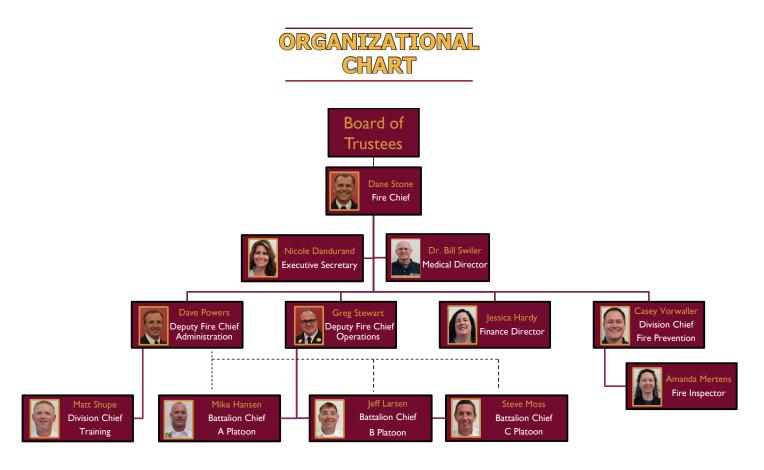


MAYOR RICK EARNSHAW WOODS CROSS

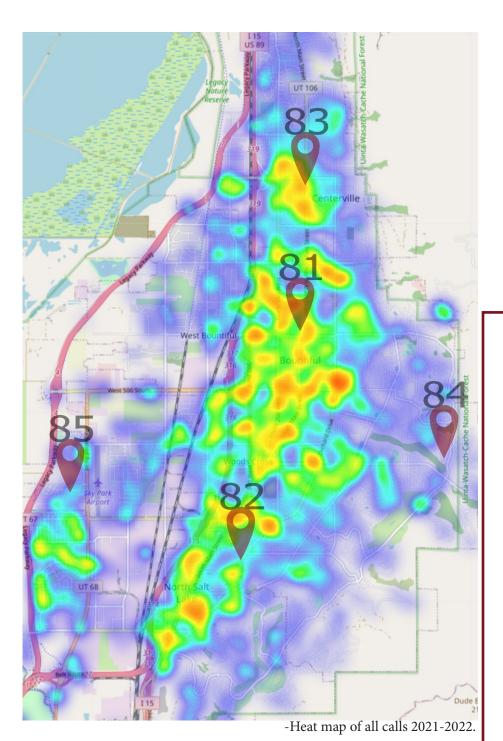
In 2022, our Board of Trustees will be changing, South Davis Metro Fire would like to express our gratitude towards Mayor Lewis, Mayor Arave and Mayor Earnshaw for their commitment to the citizens we serve.

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.



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.

FIRE STATIONS

- **5 STATIONS**
- 3 ALS FIRE ENGINES
- 1 BLS FIRE ENGINE
- 1 BLS LADDER TRUCK
- 4 ALS AMBULANCES
- 94 OPERATIONAL STAFF

PROMOTIONS

In July, the Board of Trustees approved two new daytime captain positions. Both positions are to assist current administrative programs in logistics and training.

The addition of new positions and the movement of administrative positions the year before resulted in a large promotional year for South Davis Metro Fire.



BATTALION CHIEF MIKE HANSEN

"A Shift" Battalion Chief Mike Hansen brings 26 years of experience to the table, with 16 of those years being a captain at South Davis Metro Fire.



Logistics Captain Mike Shafto

2021 PROMOTTIONS

Deputy Fire Chief Greg Stewart Battalion Chief Mike Hansen Captain Tyler Bowman Captain Mike Shafto Captain Jon Ray Engineer Josh Garcia Engineer Nick Motta Engineer Bray Phillips



South Davis Metro Fire hired 8 new firefighters which was possible through two different 15 week long fire academies.



FIREFIGHTER RECRUIT ACADEMY #47

Two recruits started and only one finished the academy. The firefighter started working their shift in May.



FIREFIGHTER RECRUIT ACADEMY #48

Seven recruits started and seven finished.

Marking this the most successful
recruit camp for South Davis Metro
Fire. Firefighters from class #48 began
working their shifts in December.

ANNUAL FITNESS TESTING



HEALTH AND SAFETY **BATTALION CHIEF STEVE MOSS**

Every August, all sworn members participate in the health and fitness testing. The testing is comprised of: Medical screening for safe participation, immunization, disease screening and the firefighter fitness test.

Each firefighter's results are then reviewed by the department's medical director followed up by an interview with each firefighter. Based on these findings, the firefighter is either cleared for the department's fitness test or is notified of additional evaluation and testing that is required prior to participation.

Firefighters are given two options for the fitness test. The "simulated job" fitness test is composed of 10 activities that mimic tasks on a fire ground, they have 19 minutes to complete the tasks. The other test, the "Fitness Battery" is composed of four strength activities and one endurance. Firefighters test their bench press, jump, push ups, plank and finally a 1.5 mile run.

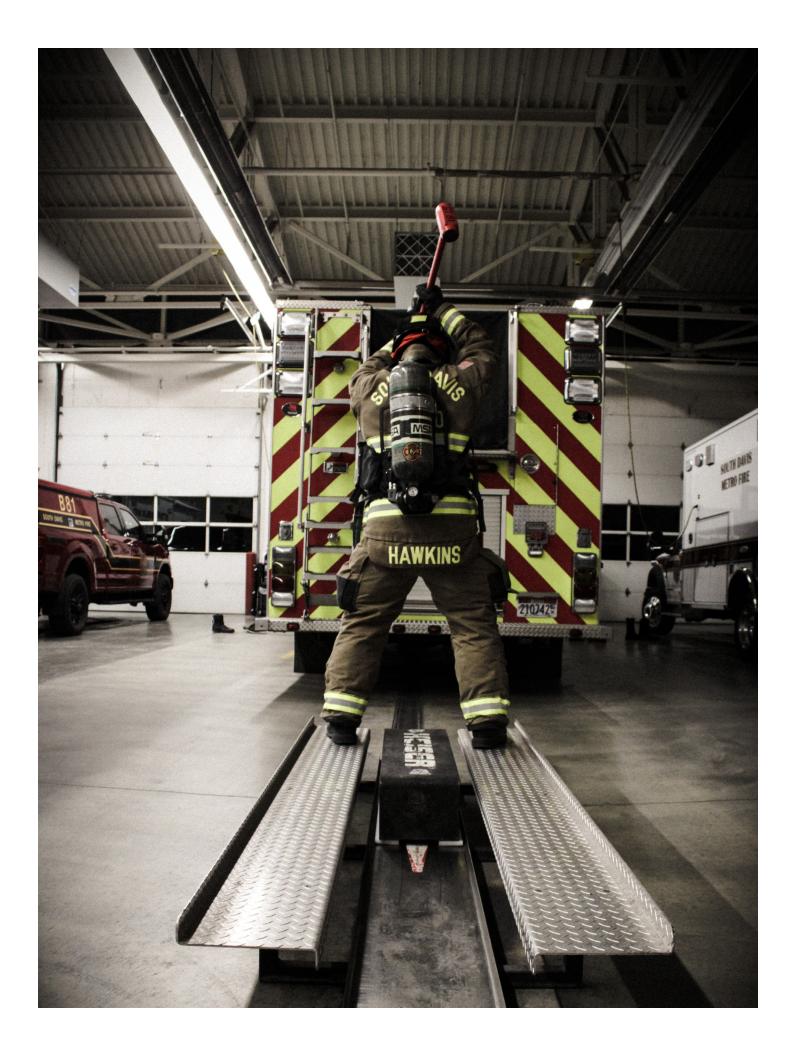
IMMUNITATION/DISEASE

& MEDICAL SCREENING

- Tuberculosis
- Hepatitis C
- Hepatitis B
- Tetanus/diphtheria
- Vaccine Boosters
 - MMR
 - Varicella
 - Polio
 - Influenza
 - H1N1
 - HIV

- CBC
- EKG
- MP
- Lipid Profile
- Chest X-Ray
 - TR
 - HIV
- Physician's Exam
 - PFT
 - PSA







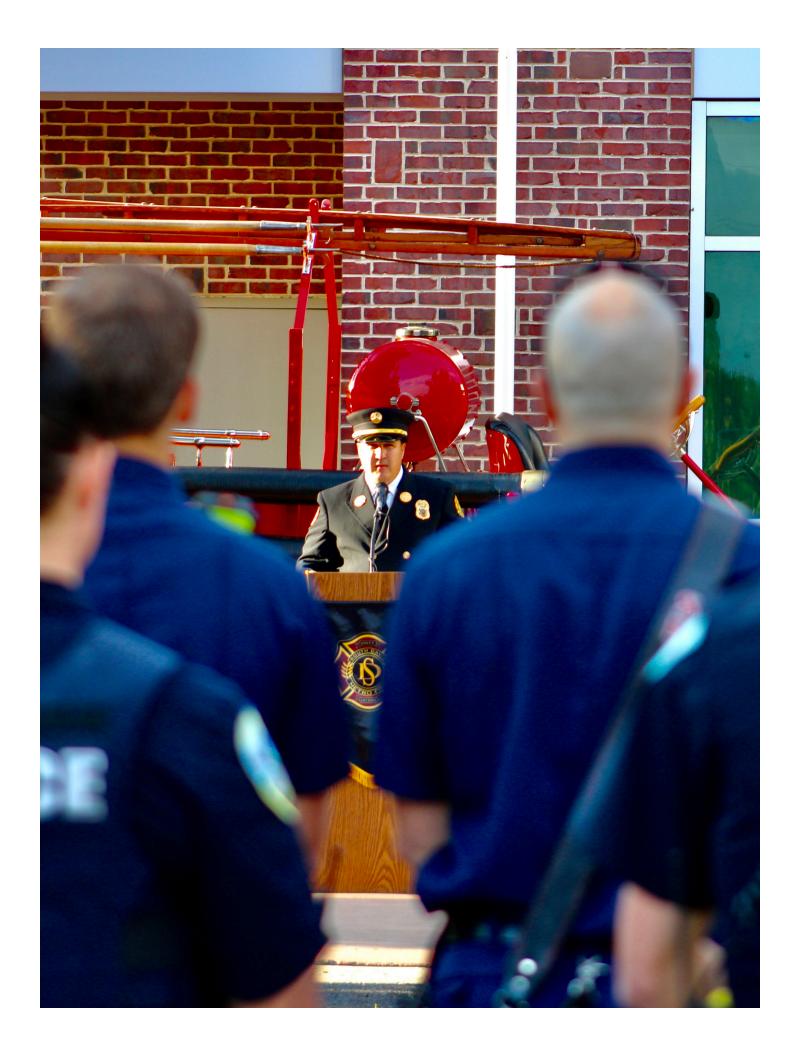
20TH ANNIVERSARY OF 9-11-2001

Marking the 20th anniversary of September 11, 2001 is no small endeavor. No day has greater significance to the fire service than 9/11/01, when 343 FDNY firefighters died in the line of duty – a single day that forever changed our industry, and the world.

9/11/01 had an impact on nearly all of our members. A number of our employees will state that day, ultimately led them to be a firefighter decades later.

South Davis Metro Fire held a 20 year ceremony for 9/11/01 at Station 81, our headquarter station. The public was invited to help remember the fallen first responders and the 2,977 victims who passed away that day.





RESOURCE

2021

INCIDENTS

7,605 TOTAL CALLS

383 CALL INCREASE

5.30% PERCENT INCREASE

TOTAL INCIDENTS

2018 6,813 CALLS

2019 6,909 CALLS

2020 7,222 CALLS

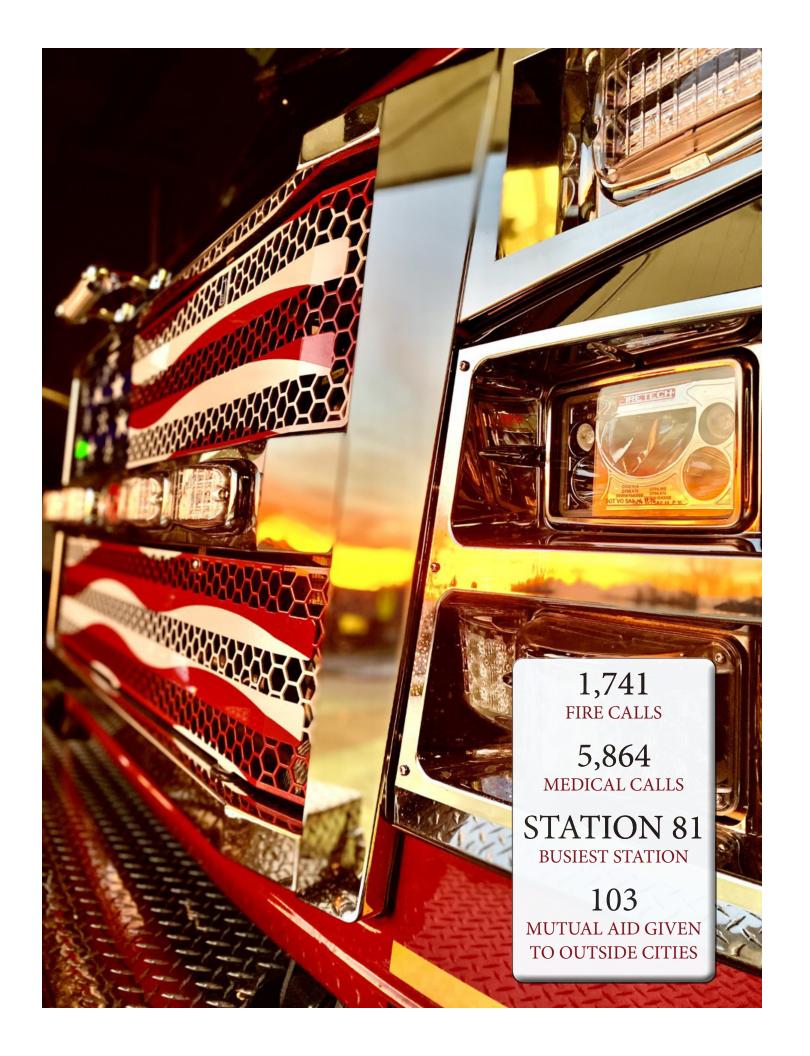


SERVICE

COMMUNITIES SERVED

42 SQUARE MILES

120,000 POPULATION







ROSENBAUER COMMANDER

Type 1 Fire Engine 1750 GPM Pump Capacity 500 Gallon Tank In-Service Date: June 3rd, 2021



PERSONNEL

Medic Engine 82 is staffed with four personnel, a captain, engineer and two paramedics. ME82 is one of three paramedic engines in Southern Davis County.



MEDIC ENGINE 82 RUN STATISTICS

Medic Engine 82 is responsible for 1,520 calls a year, with roughly 1,100 of those calls being medical in nature.



Photo Credit: Kyle Wells



ROSENBAUER TIMBERWOLF

Urban Interface and Structure
Fire Ready
1250 GPM Pump Capacity
500 Gallons of Water
Pump and Roll Capability
4x4 Drivetrain
In-Service Date: Jan 6th, 2021



PERSONNEL

Engine 84 is staffed with three personnel, a captain, engineer and firefighter.



ENGINE 84 RUN STATISTICS

Engine 84 is responsible for 686 calls year.





2021 CUSTOM PETERBILT

Rehabilitation

(Heaters, Cooling Fans and Awnings)
Scene Lighting
Air Compressor for SCBAs
Hazmat Mitigation
Ground absorbants, floating absorbant book

(Ground absorbants, floating absorbant booms and overpack drums.)



HAZMAT SUPPORT

The Hazmat Support's objective is to support the operations of the hazmat team, and compliment the existing Hazmat 85 vehicle's equipment. The two vehicles work together to safely mitigate and manage a hazardous material incident.



DONATIONS

The majority cost of the Hazmat Support Vehicle was donated to South Davis Metro Fire through Chevron Products Company and the State Homeland Security Program.

-Chevron \$315,000 -State Homeland \$80,000



FIRE PREVENTION

The South Davis Metro Fire Prevention Division is staffed by Fire Marshal/Division Chief Casey Vorwaller and Fire Inspector/Plans Reviewer Amanda Mertens. The primary goal of the Fire Prevention Division is to ensure that all buildings and structures are safe for all occupants as well as for emergency responders. To achieve this goal, the division performs plan reviews, performs inspections of new commercial and multi-family residential construction projects, performs annual fire and life safety inspections of existing buildings, follows up on any fire safety concerns, and reviews fire protection system inspection reports.







FIRE INSPECTOR AMANDA MERTENS











The South Davis Metro Fire Investigation Team (FIT) is comprised of FM/DC Vorwaller, Captains Adam Hunt, Stephen Duffield and Mike Shafto, as well as Fire Fighters Tyson Jerman and Jeremy Krage. The FIT holds the responsibility of determining the origin and cause of all fires, including accidental, illegal or arson, high profile/high dollar loss, involve significant injury or a fatality, or that are determined to be complex and out of the scope of our fire suppression personnel.

FIRE PREVENTION OPEN HOUSE

ABOUT THE EVENT:

South Davis Metro Fire invites the public to attend their annual open house at three of our five fire stations each year. It provides a fantastic experience for the public to:

- Meet their local firefighters
- Run firefighter obstacle course
- See the apparatus that responds to emergencies
 - Watch live demonstrations
 - Learn valuable safety tips

EDUCATION FOR CHILDREN:

Children have the opportunity to speak with firefighters about the Fire Service, learn about what they should do if there is a fire, and many more safety messages. There are also interactive activities for them throughout the day.

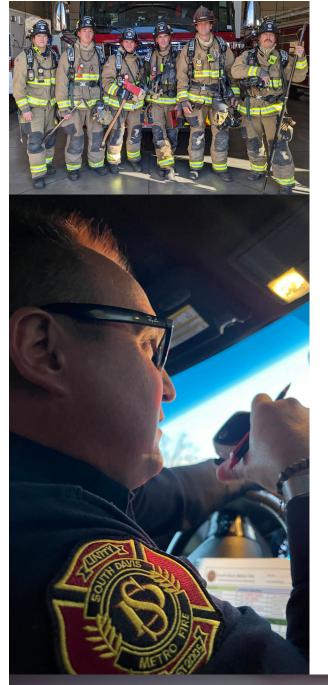
WHEN IT HAPPENS:

Our open house is usually scheduled for the second week in September, and is offered three different times throughout the week.









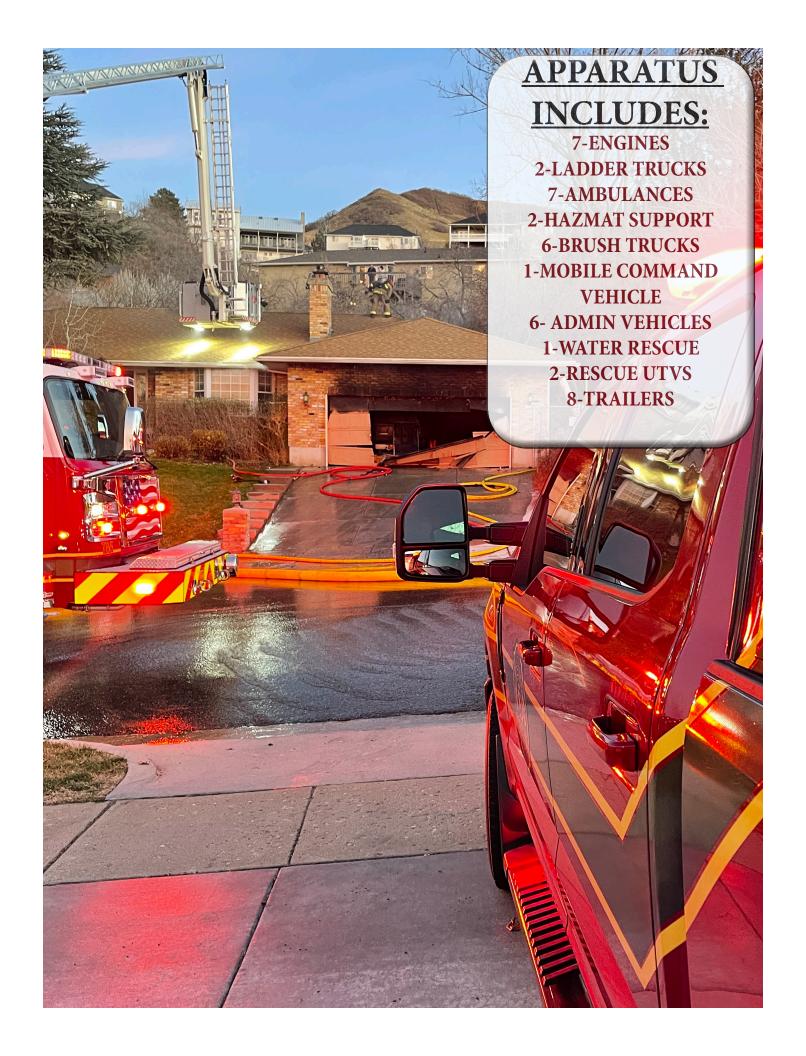
OPERATIONS

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 three personnel and our ambulances two personnel. All employees are trained at the minimum of an Advanced Emergency Medical Technician.

In 2021, 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.





MAPLE HILLS FIRE



On May 14, 2021, South Davis Metro Fire crews were dispatched to a large (6,000 sq/ft) residential structure fire. This fire was significant with one civilian fatality and a single firefighter sustaining first and second degree burns on 5% of his body. This firefighter was transported to the University of Utah Burn Center and released the next day. Because of the significance of this fire, an "After Action Report" (AAR) was performed. During the process of this review, it was determined there were certain practices and behaviors which needed to be addressed.

First, the department needs to provide specific operational standards for department personnel. While operational standards were in place, they did not account for the various backgrounds and differences in training and experience of our firefighters. Second, the department needs to provide more hands-on training, especially live-fire training, to reinforce these operations.

The list below provides the goals that were established to meet these operational objectives.

Accomplished	Future		
Fire Operations Policies (85% accomplished)	Continued policy development including ventilation tactics		
Additional personnel for the training division (50% accomplished)	Hiring another captain to assist the Training Division (FY budget 2022/2023)		
Updated evolutions Manual (20% accomplished)	Training division completing evolutions manual		
Live Fire Training Facility (15% accomplished). Firefighters need constant training in low frequency/High-risk activities.	High priority to secure land for a training facility • \$1.4 million saved. • \$166 thousand budgeted annually		
Leadership training (ongoing)	 Continue Blue Card training for officers/acting officers. Continue to reinforce new policies. 		

MAPLE HILLS FIRE

Despite the difficulties and tragedy of this incident, there was an overabundance of encouraging and promising outcomes as well. South Davis Metro Fire Department firefighters responded like true professionals to the feedback and policy changes they were given. The growth to the department and personnel from this incident cannot be overstated.

Furthermore, we experienced tremendous amount of support by our partners in dispatch, police, public works, and other fire departments. Numerous calls, emails and texts were received inquiring on the well-being of our injured firefighter. Additionally, when he was released from the hospital, fire crews from Salt Lake City Fire were there to salute him when he left the hospital. To say the least, the entirety of this event was extremely humbling.





OPERATIONS



MEDICAL DIRECTOR DR. WILLIAM SWILER South Davis Metro Fire Department responded to over 7,600 calls in 2021. Of those responses, 77% were of 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. 35 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.

2021 PARAMEDIC **ADVANCEMENTS**

Tim Rohmann Jon Larsen John Hickey David Donalson Joe Humphrevs Micah McClure

5,864
MEDICAL CALLS

3,790
PATIENTS
TRANSPORTED

30,000+
PROCEDURES
LOGGED

4,500+
MEDICATIONS

AMBULANCE OUTPATIENT



MANAGING



MEDICAL BATTALION CHIEF **JEFF LARSEN**



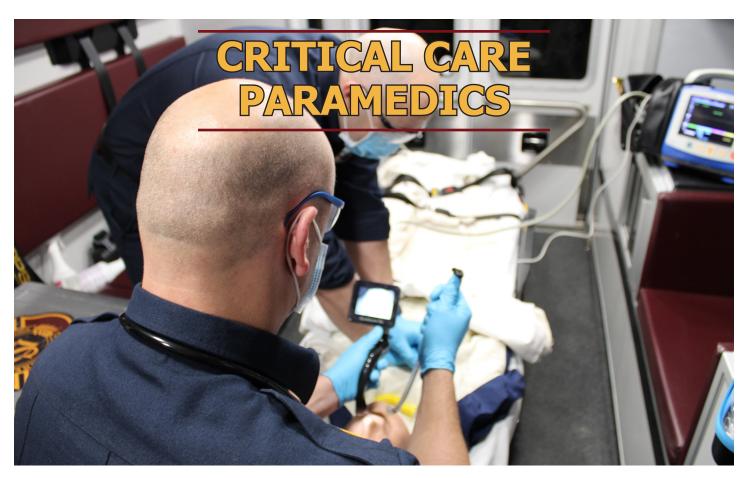
Although COVID continued to rule the headlines in 2021, South Davis Metro Fire was able to accept this challenge and make necessary operational changes. We took this time to refine and polish our emergency services with a continued focus on our responder's safety and efficient emergency services delivery.

The COVID pandemic has not only threatened the wellness of our community, but the health and wellness of our firefighters. The health of our members and the ability to continue to serve the community has been one of South Davis Metro Fire's top priorities.

Our responders have always been adaptable and resourceful, and this time is no different. We have asked our responders to change just about everything; how they interact at the station, in the public, on calls and the way they treat their patients.

This year has proven more than ever that your fire department cannot and does not stand alone. The continued support of the Fire Board, state and local health departments, residents and business owners have made our achievements possible.

As always, South Davis Metro Fire will continue to follow the CDC's guidelines along with State/Local health departments guidelines on how to approach COVID to continue being successfully during this challenging time.





THE NEED

The advancements in medicine, combined with the specialization of many Long Term Acute Care (LTAC) facilities coming into Southern Davis County, have developed the need for specially trained paramedics who are able to provide advanced care to critically ill and injured patients. In these changing times, it takes more than basic paramedic training to adequately meet these demands.



OPERATIONAL CHANGES

Over twenty of our paramedics have successfully completed the Critical Care program, which is another three months of classroom on top of a paramedic's 10 month or 1800 hour curriculum. The class advances our paramedic's knowledge on pathophysiology, respiratory illnesses, team dynamics, ventilators, medication pumps, invasive monitoring and critical lab values.

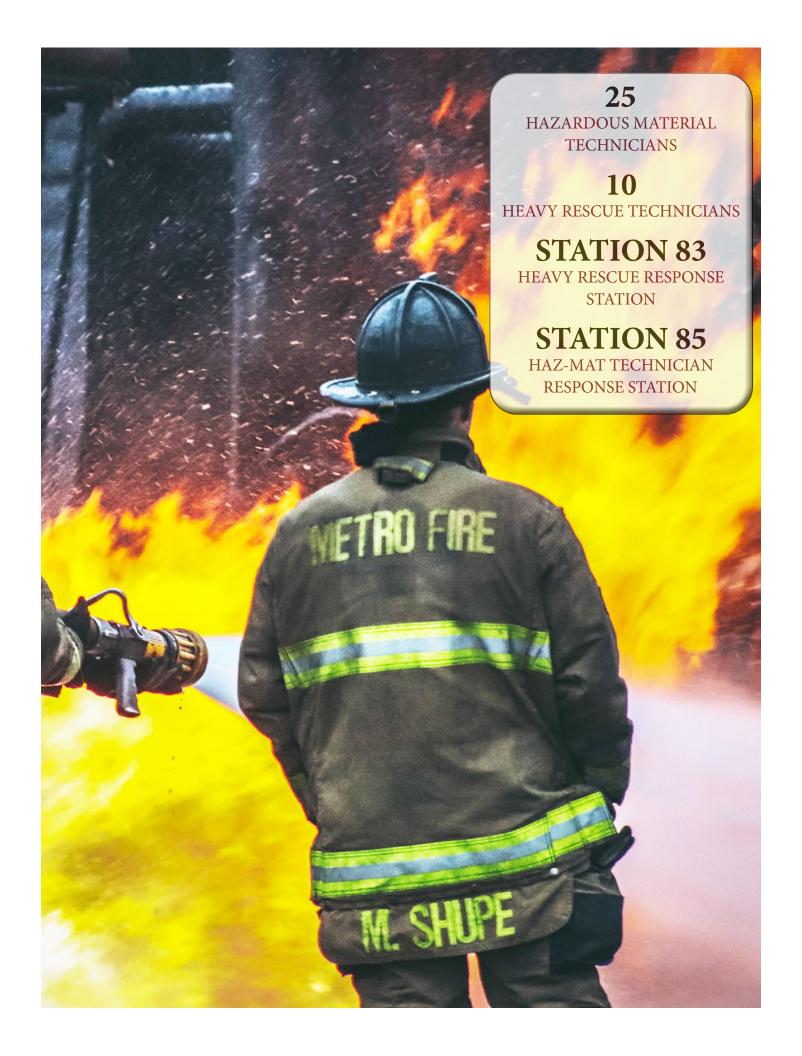


SPECIAL OPERATIONS

The <u>Technical Rescue Team's</u> 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 <u>Hazardous Materials Team</u> 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.



TRAINING DIVISION

The Training Division is responsible for providing fire training, education and ongoing development for the fire department. The division is composed of a division chief, a newly created training captain position and a training liaison on each shift.

In 2021, the Training Division coordinated and conducted over 17,600 hours of training, with over 3,300 hours of special operations training.

The average firefighter in our department averages 187 hours a year in training. This number continues to go up each year with more tasks and responsibilities being put on the fire department. Because of this, a training captain position was created and filled with a full time day position captain to assist Chief Shupe in day-to-day operations.



DIVISION CHIEF MATT SHUPE

Chief Shupe has been head of the Training Division since 2013, when he was 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, creating and conducting trainings and helping maintain employee's level of certifications for employment.

2021

TRAINING

17,639TRAINING HOURS

3,318

187

AVERAGE HOURS PER FIREFIGHTER

8

RECRUIT FIREFIGHTERS GRADUATED







FIREFIGHTER RECRUIT ACADEMY

South Davis Metro Fire initiated two 15-week long recruit academies. This rigorous training program prepared the firefighters with basic knowledge, skills and abilities to safely operate around emergency scenes.



TRAINING CAPTAIN JON RAY

A new training captain position was added to the staffing model this year. This position helps with hands-on training with the crews.



SPECIAL TEAMS TRAINING

Heavy rescue technicians and hazmat technicians require additional hours of training to maintain their certifications.

ADMINISTRATIVE COMMITTEE

The Administrative Committee is comprised of the city manager from each participating city and either the county clerk or the deputy county clerk from Davis County. The committee has several functions to help the department with financial decisions, including but not limited to budget timeline and submission to the board, review capital expenditures, evaluate the compensation plan for the department as well as advise the fire chief and financial director on any other financial recommendations to the board.

Each year the committee elects a chair who serves as the budget officer for the department.

The Administrative Committee plays an important role in the success of South Davis Metro Fire.



Gary Hill Bountiful



Brant Hanson Centerville



Heidi Voordeckers **Davis County**



Ken Leetham North Salt Lake



Duane Huffman West Bountiful



Bryce Haderlie **Woods Cross**



FINANCE

South Davis Metro Fire is a special service area which operates under a hybrid funding model: Receiving contributions from each participating city through taxes collected by those cities, property taxes collected by the agency from individual households, and paramedic services 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 the emergency medical services treatment and transport.



OPERATING BUDGET GOES TO SALARIES/BENEFITS



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.

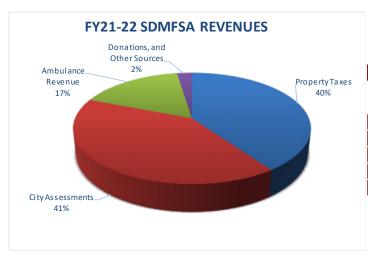
-Bachelors in Human Resources -Masters in Business Administration -Certified Governmental Financial Manger (CGFM)



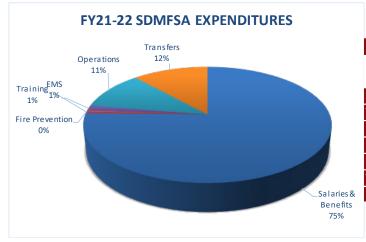
https://www.sdmetrofire.org/2021-financial

SCAN THE ABOVE ICON WITH YOUR PHONE CAMERA TO BE TAKEN TO OUR COMPLETE FINANCE SECTION.

FINANCE



Revenues						
			% of Total			
	FY	21-22 Budget	Revenue			
Property Taxes	\$	6,513,144	40.2%			
City Assessments	\$	6,605,916	40.8%			
Ambulance Revenue	\$	2,693,250	16.6%			
Donations, and Other Sources	\$	394,600	2.4%			
Total Revenue	\$	16,206,910	100%			



Expenditures						
			% of Total			
	FY	21-22 Budget	Expenditures			
Salaries & Benefits	\$	11,408,660	75.4%			
Training	\$	88,335	0.6%			
Fire Prevention	\$	12,300	0.1%			
EMS	\$	216,425	1.4%			
Operations	\$	1,631,604	10.8%			
Transfers	\$	1,769,800	11.7%			
Total Expenditures	\$	15,127,124	100.0%			

Salaries are the largest expense of the agency, consuming of over 75% 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.

SOUTH DAVIS METRO FIRE 2021 ANNUAL REPORT

