

2021 Annual Report



Making a Difference in the Lives of Others.



Greetings From the Chief



David Beebe *Fire Chief*

Greetings,

Thank you for your interest in the 2021 Mountain View fire Protection District Annual Report. On January 1, 2021, Rocky Mountain Fire Protection District (RMFPD) officially merged with the Mountain View Fire Protection District (MVFPD). This merger resulted from many months of hard work that preceded the January 1 go-live date.

Although we have only had one year to assess the benefits of the merger, it is apparent that the decision to merge was the right one. In the previous year, MVFPD has reduced the mill levy to some district residents, improved the ISO rating for many district residents, and put more firefighters on the street.

MVFPD was able to complete the merger while dealing with the second year of the COVID Pandemic. Unfortunately, the Delta variation forced the district to limit contact with the public, severely hampering our community outreach activities and direct community involvement. However, MVFPD staff did a fantastic job of keeping up with the changing impacts of the virus and minimized impacts on staffing.

2021 concluded with the Marshal Fire. This catastrophic event tested the capabilities of the district like never before. Lost in the story of devastation are the truly heroic actions taken by members of MVFPD and other agencies that came in to assist. This once-in-a-lifetime (hopefully) event presented challenges and working conditions that most firefighters will never experience again. Hurricane-force winds driving fire through extremely dry fuels produced fire behavior and spread unusually fast through the area. While the focus has been on the lost property, many structures were saved.

Going into 2022, MVFPD is planning for challenges and seeking opportunities. Although COVID seems to be waning, it is still a concern. Growth in the district is continuing, with many new structures being built and businesses opening. A primary focus in 2022 is adding capacity to keep up with this growth and service demand. In addition, MVFPD is actively working on adding fire stations and personnel.

Although the world we live in has been a trying place for the last two years, it is an honor to serve our communities. We look forward to 2022 and hope for a return to some level of normalcy and the opportunity to serve you.

Respectfully,

David Beebe

Fire Chief

Operating In The Pandemic

2021 proved to be another incredibly challenging year in EMS. The pandemic continued to dominate the narrative and our system challenges. Additionally, this was our first full year as a merged system and there were many obstacles to overcome. Finally, we experienced some once-in-a-lifetime calls that saw our crews rise to the occasion and perform life-saving interventions and help the communities we serve.

In 2021 there were several phases to the pandemic, but through it all, the COVID situation was dire. Many of our employees, and their families, coped with their own illness, however at work they had to deal with increased responses of death, drugs, mental health related issues, trauma, and much more. Hospitals were often full, or over-crowded, and crews were being diverted from hospital to hospital. Our EMS team worked on every level from the crew level to the state policy level to help craft a solution that aided the entire healthcare system. Through the worst of the pandemic, we continued to drive solutions and patient care that were clearly beneficial to our communities.

Amidst the backdrop of the ever-present pandemic, we had our first full year as a merged department. This meant, we spent a great deal of time consolidating our supplies, merging equipment and systems, and developing our logistics and supply chain. This monumental project is ongoing, but 2021 saw enormous gains as kits and equipment were standardized, ambulances were ordered, and our medical direction, CQI and other programs were merged and implemented. Additionally, we participated in several large-scale regional exercises, rolled out RAMP Triage, and a new MCI plan.

Finally, 2021 saw some truly once-in-a-lifetime events and calls. Crews were challenged to provide medical intervention in circumstances not often considered and in situations that were certainly dire. Our training, experience, and participation in regional exercises contributed to many successful outcomes. Having to evacuate two hospitals amidst the Marshall Fire or performing medical care during a trench rescue are a couple of good examples. Ultimately, 2021 was a particularly productive year for the EMS Division and we look forward to continuing, and building on, the groundwork we laid in 2021.



NOTABLE EMS 2021 ACCOMPLISHMENTS

- **Placed a new ambulance in service**
- **Standardized the narcotics type and supply across the district**
- **Operative IQ supply chain system**
 - Established a central supply system | Instituted station deliveries
 - RFID tagging- started radio tagging supplies for better tracking and management
- **Integrated the medical director with the larger department**
- **Implemented Pit Crew CPR**
 - Full rollout across 3 shifts (3-month effort)
- **Taught MCI Plan and RAMP triage to the entire department and Boulder Fire**
- **Wrote/merged the CQI Plan**
- **Wrote a new noncompliance SOG**
- **Merger consistency projects**
 - Kits- same platform | Supplies – standardization
 - Par lists created
- **Started a SWAT Medic Program**
 - Board proposal | IGA development
 - Hiring process | Program implementation
- **Saint Anthony's North regional MCI TTX**
- **Implemented CORHIO- for patient follow up**
- **Coordinated COVID Response**
 - PPE | COVID policy creation | Operational guidance
 - Vaccine coordination program for employees | Held a family education meeting
 - Exposure tracking- quarantines, isolations, and monitoring
- **Began participation in the Supplemental Payment Reimbursement program for Medicare**
- **Participated on the state-wide divert task force and helped implement changes at the county level**
- **Marshall fire**
 - Evacuated two hospitals

Top Stories of 2021

To see the full news releases visit mvfpd.org.

Marshall Fire

On December 30th, Mountain View Fire Protection District experienced one of the most devastating fires in Colorado history. A high wind event lasting several hours with sustained winds over 100 mph contributed to this unique fire in the urban interface. 6,502 acres burned destroying 1094 buildings and damaging 159 more. Both homes and businesses were consumed by the fire as it advanced through neighborhoods in unincorporated Boulder County, the Town of Superior, and the City of Louisville.

Regionally 2021 started with record setting high precipitation. Unfortunately, the weather changed, and extensive drought was exasperated by higher-than-normal temperatures and three consecutive months without precipitation beginning in October. When the fire ignited in the southwest corner of the district, available fuels and vegetation were highly receptive to fire due to warm temperatures and low relative humidity contributing to the extreme fire behavior witnessed by firefighters.

The hurricane force winds deposited embers into subdivisions on the west side of unincorporated Boulder County, the Town of Superior and the City of Louisville igniting buildings and landscapes in communities not normally affected by grass fires. As the fire progressed, the Town of Superior, City of Louisville, portions of unincorporated Boulder County and a small western section of Broomfield County were evacuated. The evacuation area included Avista Hospital, a memory care facility, and an assisted living facility. Good Samaritan Hospital was put on pre-evacuation notice but the fire subsided



Municipal services and utilities were affected including shutting off electric, water, and gas and closing highways and roads into the affected area. Boulder County's Type 3 Incident Management Team assumed command on the afternoon of the 30th and the Rocky Mountain Type 1 Incident Management Team was activated and assumed command of the fire on January 1, 2022.

Team Work

Police and fire agencies from across the front range, the National Guard, and multiple public entities all responded to assist the communities affected.

On the evening of December 31, the weather finally changed, and 6 inches of snow and freezing temperatures spread through the region further hampering response and recovery efforts.

Looking to the Future

January 8, 2022, marked the formal start of recovery. Government officials are working hard with the communities affected to rebuild and utilize the state and national resources made available when the fire received a major disaster declaration by President Biden.



Technical Rescue Team

Each year the Technical Rescue Team provides the citizens of Weld and Boulder County with specialized rescue skills. The team is made up of over 20 members who have specialized training in vehicle and equipment extrication, large vehicle stabilization and heavy vehicle lift, rope rescue, tower rescue, structural collapse, trench rescue, swift water and surface water.

All Mountain View personnel are trained in ice rescue. The Technical Rescue Team provides equipment and personnel as a part of two regional Technical Rescue Teams: The Northern Area Tech Team (NATRT) and the Boulder Valley Tech Team (BVTRT). Members have taken a leadership role with both regional teams, instructing at the NATRT Tech Rescue Academy in Trench Rescue, Rope Rescue, Structural Collapse, Heavy Lift and Extrication. MVFR facilities have hosted agencies for regional training in Rope Rescue, Heavy Vehicle Extrication and Heavy Lift training.

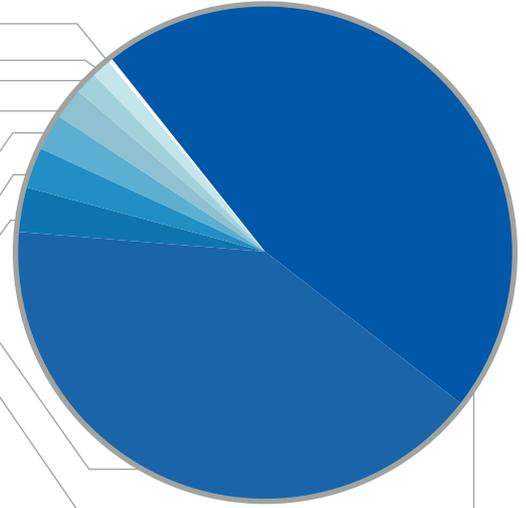
The MVFR Tech Team would like to thank Northside Towing and Ritchie Brothers for supporting the team with locations to train and vehicles for our heavy lift and extrication training.



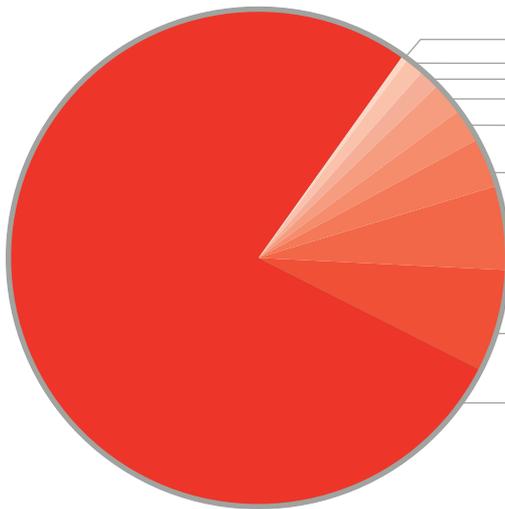
Financial Report & Stations

2021 Revenue

\$123,548	Grant Revenue
\$541,587	Federal Wildland Program
\$617,638	Debt Service Revenues
\$874,248	Specific Ownership Tax from Boulder
\$1,014,800	Specific Ownership Tax from Weld County
\$1,132,619	Miscellaneous Revenue
\$1,238,905	EMS Transport Charges
\$17,299,612	Real Property Tax From Boulder County
\$19,609,337	Real Property Tax From Weld County
TOTAL: \$42,454,315	



2021 Expenditures



\$124,488	Training
\$377,106	Non-capital Equipment
\$407,413	Utilities
\$646,798	Debt Service Expenses
\$673,843	Repairs and Maintenance
\$991,030	General Operating Supplies
\$1,682,929	Purchased Services
\$2,054,647	Capital Purchases
\$23,806,706	Personnel
TOTAL: \$30,764,960	

**Financial Information presented are unaudited totals. Purchased services includes services that benefit the entire organization, such as audit, legal and tax collection fees. It also includes other expenses such as liability insurance.*

FLEET DIVISION 2021

Maintenance Division

With the merger of RMF into MVF, we have grown to a total of 16 facilities and 114 vehicles [including trailers, specialty equipment, ambulances, pumpers, aerial apparatus, and staff vehicles].

Facilities:

There were no new facilities added in 2021.

We continue to maintain all the district's facilities within our service area.

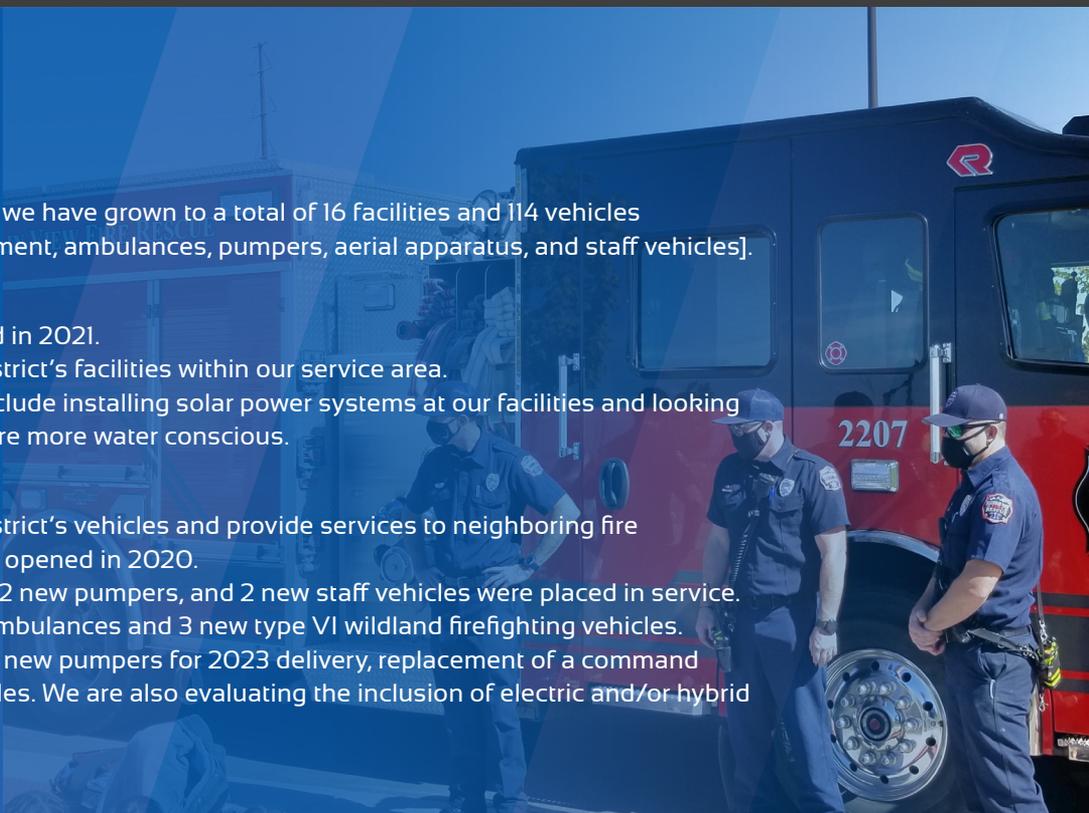
Initiatives for 2022 and beyond include installing solar power systems at our facilities and looking for landscaping alternatives that are more water conscious.

Fleet:

We continue to maintain all the district's vehicles and provide services to neighboring fire departments at the facility that we opened in 2020.

During 2021, one new ambulance, 2 new pumpers, and 2 new staff vehicles were placed in service. We also placed orders for 2 new ambulances and 3 new type VI wildland firefighting vehicles.

2022 initiatives include ordering 2 new pumpers for 2023 delivery, replacement of a command vehicle, replacement of staff vehicles. We are also evaluating the inclusion of electric and/or hybrid vehicles into the fleet.

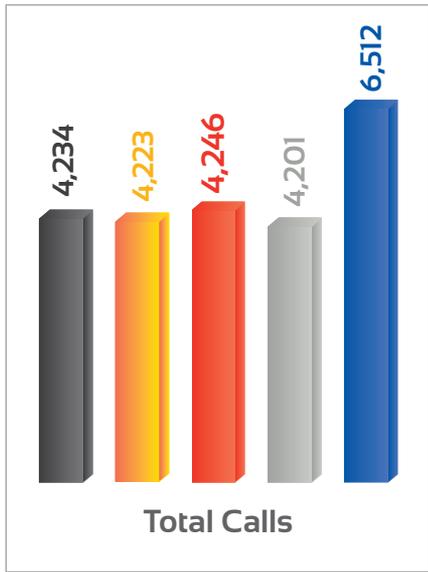


2021 Emergency Response Statistics

- 4 Explosions
- 30 Extractions and Rescues
- 36 Vehicle Fires
- 50 Structure Fires
- 28 Trash Fires
- 100 Wildland, Grass & Crop Fires

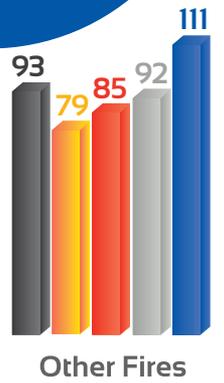
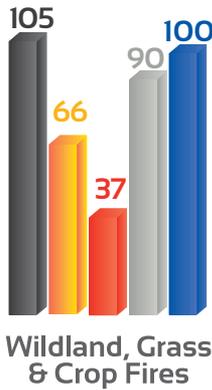
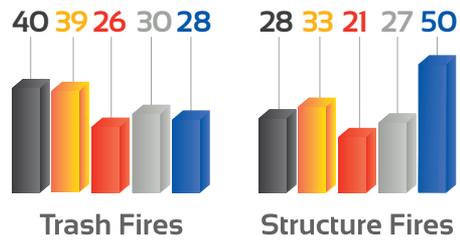
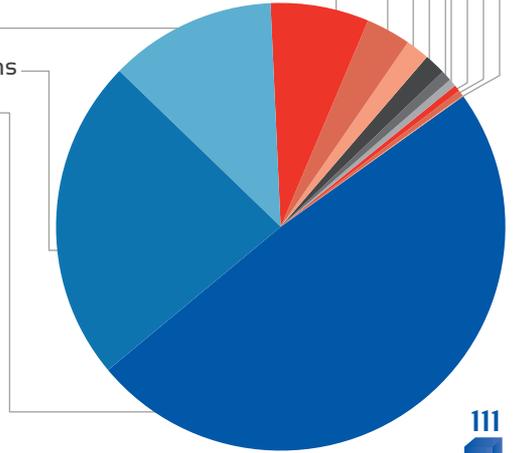
2017 2018 2019 2020 2021

Colored bars are not exact correlative proportions.

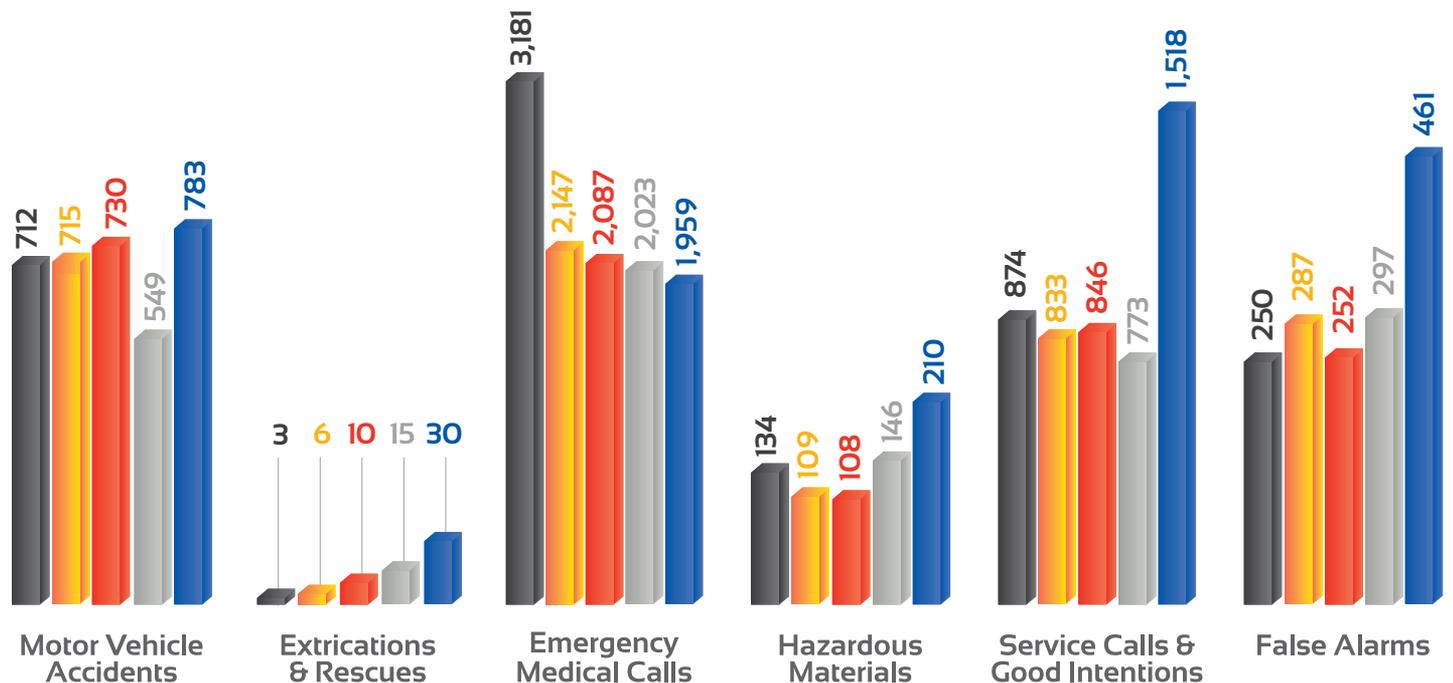


- 111 Other Fires
- 210 Hazardous Materials
- 461 False Alarms
- 783 Motor Vehicle Accidents
- 1518 Service Calls & Good Intentions
- 3181 Emergency Medical Calls

2021 CALL BREAKDOWN TOTAL: 6,512



FIRE EMERGENCY CALLS

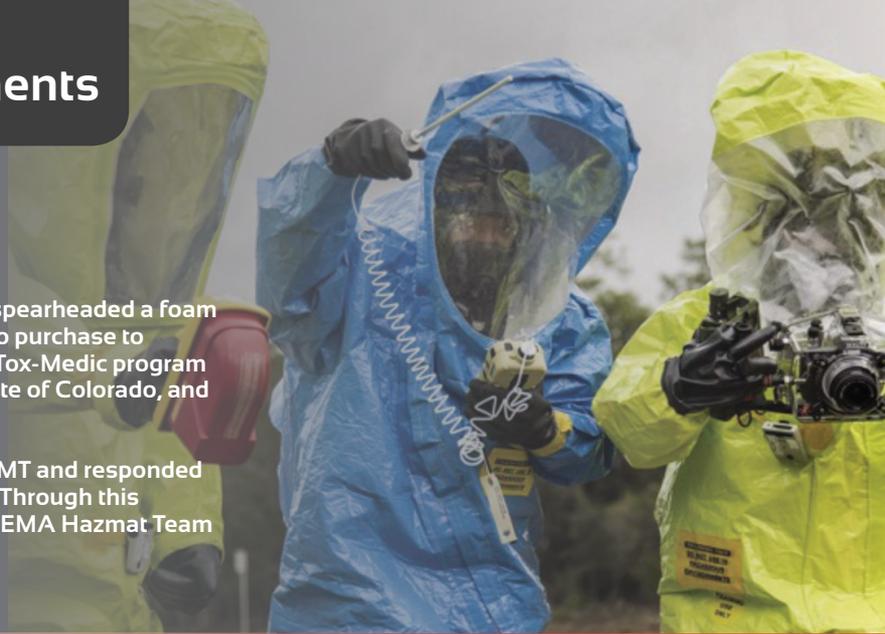


ALL OTHER EMERGENCY CALLS

Hazmat

In 2021 the Hazmat Team had another busy year. The team spearheaded a foam evaluation with surrounding agencies to decide what foam to purchase to replace our hazardous fluorinated foam, began building the Tox-Medic program with the Boulder County Hazmat Team (BCHMT) and the State of Colorado, and added 4 new hazmat technicians to the team.

The team also attended monthly team training with the BCHMT and responded to 9 full team hazmat incidents as a member of the BCHMT. Through this multiagency partnership, the department achieves a Type I FEMA Hazmat Team response for major hazmat incidents.



Wildland 2021

With the seasonal moisture our fire season began June 19th with the first dispatch of our national resources and ended September 11. We continued to be vigilant in updating our SARS/COVID-19 response guidelines throughout the season. Members of our national dispatch team were required to meet the recommendations of the Fire Chief with respect to vaccinations. This proved extremely valuable as none of our national resources tested positive while on dispatch. Below are some of the highlights of the 2021 season.

NUMBER OF WILDLAND/GRASS FIRES WITHIN MOUNTAIN VIEW'S DISTRICT: In 2021 there were 81 wildland, grass, or brush fires in our district. We responded to 102 of these types of incidents, with the balance being aid given.



EDUCATION AND TRAINING:

The emphasis of training was merging both Rocky Mountain Fire and Mountain View Fire into a cohesive one team. Numerous classes were sponsored and supported by the wildland program. Regional deliveries also occurred with many of our partners building collaboration for the future.

Due to 100 mph winds, moderate relative humidity and extensive drought conditions the devastating Marshall Fire start on December 30. The fire impacted the towns of Marshall, Superior and Louisville. A total of seventy seven agencies from across the state assisted with fire suppression and the start of recovery efforts which continue today.

TOTAL NUMBER OF DAYS ON DISPATCH:
146

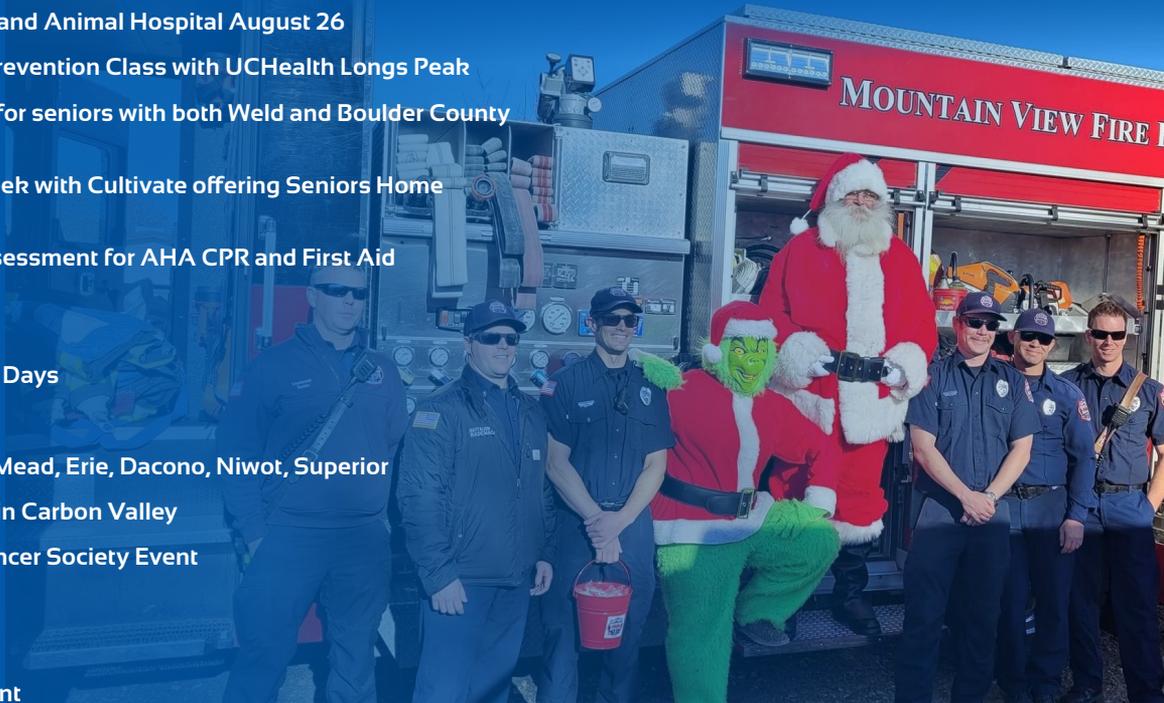
TOTAL NUMBER OF PERSONNEL DISPATCHED:
19 (Engine and Single Resource orders)

Community Outreach

This year we were able to hold a few in person events, depending on the Public Health Orders related to the Pandemic.

EVENTS INCLUDED

- Open Houses at Station 2 ,5
- Car Seat Check and Bike Helmet Fitting/Give Away event at station 6 was featured on Good Morning America!
- Co-host Pet CPR with Lefthand Animal Hospital August 26
- Co-host Stepping On Fall Prevention Class with UCHHealth Longs Peak
- Co-Host Matter of Balance for seniors with both Weld and Boulder County Agency on Aging
- Co-Host Fall Prevention Week with Cultivate offering Seniors Home Safety Assessments
- offering hands-on skills assessment for AHA CPR and First Aid Certifications
- Babysitter Class
- Eldorado Springs Clean-Up Days
- Erie Touch-a-truck
- National Night Out Events Mead, Erie, Dacono, Niwot, Superior
- United Power Open House in Carbon Valley
- Big Dig Event American Cancer Society Event
- Mead Community Days
- Superior Chili Festival
- Revital First Responder Event
- Aspen Ridge Fall Festival
- Highlands Trick or Trunk
- Erie Biscuit Days
- Mead Elementary Fall Festival
- Niwot, Mead and Erie Holiday Parade
- Dacono Grinch and Santa meet and greet
- Skate with Santa Superior
- Partner with Red Cross Sound The Alarm Save a Life Smoke Alarm & CO Alarm Program to canvas areas in need and install smoke/CO alarms.
- This fall and winter spoke about home and fire safety at Senior lunches in Erie, Mead and Carbon Valley



OCTOBER FIRE PREVENTION MONTH

Community Outreach completed in person fire safety talks in 9 district elementary schools/preschools and several preschools opted for the virtual classrooms.

Teach Hands Only CPR in three district High Schools.

Community outreach writes monthly safety articles and handles social media Facebook, Twitter, Instagram and Nextdoor.

EMS Training Hours 2021

3252 student hours

January

- ACLS** – Three Class sessions – 24 hours
- 4 hours online (HeartCode)
- 4 hours classroom (review and testing)
- PALS** – 8 hours classroom
- MONTHLY CE TRAINING** – 2 hours online
- Pit Crew CPR

July

- ONLINE MANDATORY TRAINING** – 3 hours online
- HIPAA
- Blood borne pathogens
- Infection Control
- IV/MEDICATION THERAPY COURSE**
- 24 hours classroom
- Clinical hours vary

February

- MONTHLY CE TRAINING** – 2 hours in station
- Pit Crew CPR

August

- MONTHLY CE TRAINING** – 2 hours online
- Medication Updates/ Traumatic Brain Injury
- INSTRUCTOR TRAINING FOR HAZMAT AND FIRE INSTRUCTOR I** – 25 hours classroom

March

- MONTHLY CE TRAINING** – 2 hours in station
- Pit Crew CPR
- INSTRUCTOR TRAINING FOR FIRE INSTRUCTOR I AND EMS EDUCATION PROGRAMS** – 18 hours classroom

September

- MONTHLY CE TRAINING** – 2 hours in station
- OB Childbirth

April

- MONTHLY CE TRAINING** – 2 hours in station
- Abdominal Emergencies

October

- MONTHLY CE TRAINING** – 2 hours in station
- Case Studies

May

- MONTHLY CE TRAINING** – 2 hours in station
- Shock Resuscitation/IO Training

November

- MONTHLY CE TRAINING** – 2 hours in station
- Protocol Updates
- Annual CPR Renewal

June

- MONTHLY CE TRAINING** – 2.5 hours in station
- RAMP/ MCI

December

- MONTHLY CE TRAINING** – 2 hours in station
- MVFR Case M&M 2021 EMS
- Incident Review

Additional Crew/Company level Training. Recorded 52 hours applied to individuals across the department.
Topics varied but included Allergy and anaphylaxis, lots of sessions for Pit Crew CPR practice, medication review, IV/IO practice, med bag review, Auto Pulse, sepsis, palliative care...Topics varied but included Allergy and anaphylaxis, lots of sessions for Pit Crew CPR practice, medication review, IV/IO practice, med bag review, Auto Pulse, sepsis, palliative care etc.

Growing Our Employees

New Hires

Lateral Firefighters **1**

Community Outreach Assistants **2**



Retirements

Assistant Chief Roger Rademacher

26 years of service

Planning Technician Tim Parker

4 years of service

Internal Promotions

Battalion Captain **1**

Captain **1**

Lieutenant **1**

Engineer **1**

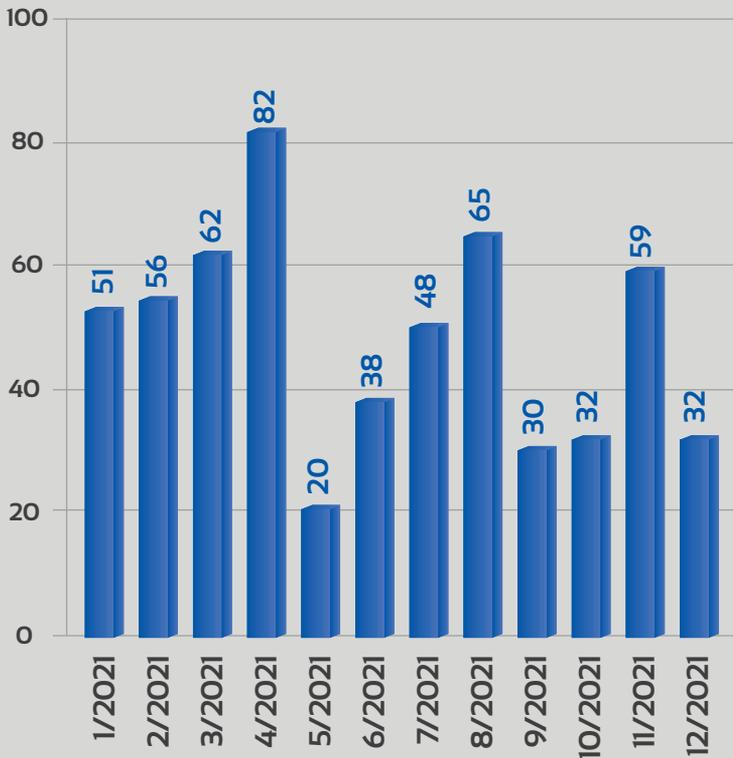
FF/FM Grade Promotions **11**

Maintenance Manager **1**

Life Safety Division 2021 in Review

The Life Safety Division is responsible for public education, enforcement, engineering, and fire investigations. Enforcement activities include issuing permits, counseling juvenile fire-setters, fire investigations, conducting target hazard inspections in selected occupancies, and providing training to operations personnel on fire inspections, investigations, and fire protection systems. Fire Protection Engineering services include plan review, environmental site assessments, permits, and new and existing life safety systems inspections. Division members are involved in the development of national, state, and local codes and ordinances to ensure fire-safe facilities exist for years to come.

Plan Reviews



By the Numbers - 2021

Commercial Inspections **COVID-19 Protocols**

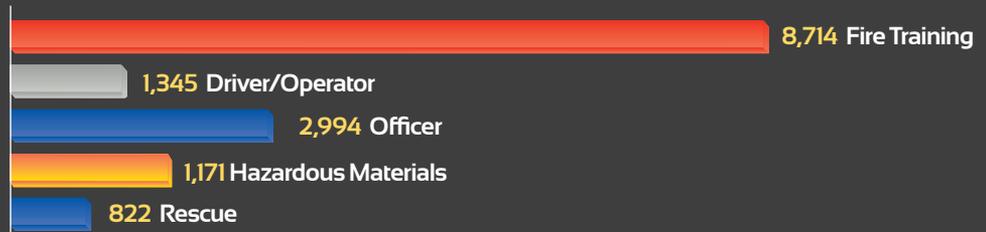
Residential Fire Sprinklers **94 ↑ 59 from 2020**

Plan Reviews/ Permits **574 ↑ 126 from 2020**

Fire Investigations **24 ↓ 12 from 2020**

Permit Fees Billed **\$76,423**

Fire Training Hours





2021 Board of Directors

Mountain View Fire Rescue District is governed by a citizen-elected Board of Directors.

All members elected to board positions reside within the boundaries of the District.

The Board of Directors meets on a monthly basis.

President Chad Christian

Three year term ending 2023

Vice President Laura McConnell

Four year term ending 2022

Secretary Colleen Whitlow

Four year term ending 2022

Assistant Secretary Alan Bloom

One year term ending 2022

Treasurer Suzanne DeVenny

One year term ending 2022



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