

Introduction

2021 was a very eventful year for North Lyon County Fire Protection District. COVID continued to surge through our community, 9-1-1 calls reached their highest number ever, personnel came and went, and the District continued to provide exceptional service to the community.

We pride ourselves on always maintaining the **PEOPLE FIRST** approach. Our goals and objectives for 2021 centered on the continued growth of a **PEOPLE FIRST** service.

I am proud to report that we achieved the goals set out in the 2021 strategic plan. The goals were:

Reduce the risk of injury or death whether by fire, medical emergency, or combination that residents and visitors to our community face daily. We accomplished this goal specifically by focusing directly on the reduction of response times to meet the National standard expectations. We also achieved this goal through the addition of three new firefighter/EMS provider positions which allowed us to expand response capabilities.

Improve District operational performance by utilizing known industry best practices and the appropriate collection and use of operational data. We aim to become data driven in operational design and deployment. We accomplished this goal by hiring a full-time employee with the specific responsibility to perform Quality Improvement and Quality Assurance and by implementing flexible staffing designs that provide for more dedicated response to emergencies.

Expand and further develop the District budgetary process to identify and capture additional funding streams thus allowing for achievement of the previously listed goals. We accomplished this goal in part through the addition of our QA/QI employee that improved ambulance billing that captured at least an additional \$40,000 in previously unrealized revenue. We implemented a purchasing policy that streamlined and centralized purchasing authority and responsibility. We added electronic control over our vehicle fuel supply that monitors and assists the District to better maintain our fleet of vehicles and apparatus.

Coordinate, engage, and strengthen external and internal relationships. We accomplished this goal through our continued community involvement in all community activities. We hosted several large events at Fire Station 61 including the 9-11 Commemoration, two funerals, and several charity breakfast activities. The District also entered two significant MOU relationships during 2021. The first with the City of Fernley, and second with our neighboring agencies relating to responses along the I-80 corridor.

All in all, 2021 was an exciting and busy year for North Lyon Fire. The following information is a snapshot of our performance, experiences, and activities that took place during the past year.

Respectfully,

Jason Nicholl

Fire Chief

The Numbers

	2021	2020	Percent change
Total Call volume	3725	3267	+14.0%
Medical volume	3297	2799	+17.8%
Fire volume	428	468	-8.5%
Medical volume	3297	2799	+17.8%
Transports	1650	1346	+22.6%
Treat and Release	176	148	+18.9%
Cancels	1521	1382	+10.1%
Fire volume	428	468	-8.5%
Structure fires	19	18	-5.2%
Vehicle fires	27	28	-3.7%
Vegetation fires	17	38	-55.2%
All other fire related	365	384	-4.9%
Mutual Aid			
Aid given	106	42	+60.3%
Aid received	153	66	+56.8%
Inspections completed	120	80	+50%
Plan reviews	40 / \$161,053.00	25 / \$85,500.00	+ \$75,553.00
Training Hours	3857	2200	+42.9%
Medical hours	712	700	
Fire hours	3145	1500	
Ambulance Revenue			
Gross billed	\$4,486,613.82	\$3,522,103.36	+21.5%
Net revenue	\$1,240,700.15	\$683,908.98	+44.8%
Out of District WL fires			
Total	7	12	
Revenue	\$541,827.54	\$542,587.45	

The People

New full-time personnel



Wildland Firefighter Joshua Chandler was hired 07/08/2021. Josh lives here in Fernley with his wife and two beautiful daughters. Josh completed our in-house structural academy last year and is now an important part of our wildland firefighting crew. Josh enjoys playing the guitar and fishing but not at the same time, although the idea does intrigue him.



Firefighter / Paramedic Alex Morales joined us on 07/10/2021. Alex is from Reno. Alex has been in the Nevada Air National Guard for six years where he is an Aeromedical Health Technician and Staff Sergeant. Alex loves to snowboard and is quite fond of long walks on the beach.



Firefighter / AEMT Joshua Bills was hired 07/14/2021. Josh is from Los Gatos, California and currently lives in Reno. During college, Josh determined he wanted to become a firefighter and hasn't looked back. Josh is currently enrolled in Paramedic school. Josh enjoys camping, being outdoors, and spending time with family and friends. Normally, Josh does not smile.

Firefighter/ AEMT Jessee Selby was hired on 07/18/2021. Jessee comes to North Lyon Fire from the Lake Tahoe area where he has worked as a boat mechanic for several years. Jessee brings a wealth of knowledge and life experience to us and enjoys spending time with his bride to be, Annie. Given his mechanical background, Jessee was asked to assist with Apparatus and vehicle maintenance, Unfortunately, he said no, as none of our apparatus float.



Firefighter / AEMT Shawn Spurlock was hired 09/27/2021. Shawn hails from Yerington and has been with Mason Valley Fire for over a year prior to coming here. Shawn is eager to continue his journey and hopes to start Paramedic school next year. Shawn has quickly developed a reputation for being a black cloud as in his short time here, he has been involved in almost every significant emergency. Shawn enjoys fly-fishing in his off-duty hours.



Firefighter / Paramedic Race Jacobson was hired 09/27/2021. Prior to working at North Lyon Fire, Race was a Frontier Paramedic for REMSA based in Tonopah. He is an experienced Paramedic and has quickly become an integral part of our team. Of interesting note, Race was a foot model throughout the 1990's having success in such houses as Adidas and Jimmi Choo. He specialized in "husky" shoes.



Firefighter / AEMT Karrigan McDonough was hired 10/24/2021. Karrigan is from Reno. Karrigan is very into fitness and met several firefighters at her gym that encouraged her to be a firefighter. After receiving her training at TMCC, she worked for Carson City Fire as a Medical Transport provider. Karrigan is an avid reader, and her favorite book is The Rescue by Nicholas Sparks.



Firefighter / Paramedic Marc Rancourt 12/06/2021. Marc has been a paramedic for several years and has spent time with Tahoe-Douglas Fire District prior to joining North Lyon Fire. Marc had a career as a Investment Adviser prior to becoming a firefighter. Marc's father was a firefighter in Massachusetts and Marc wanted to follow in those footsteps. An avid skier and mountain biker, Marc is obsessed with finding a way to do both at the same time.



Wildland Firefighter Trevor Thompson was hired 12/20/2021. Trevor was born and raised in Fernley. After serving in the Navy, Trevor embarked on his journey to become a firefighter. Trevor has worked for BLM and NDF as a wildland firefighter. He is currently enrolled in our Fire Recruit Academy and should graduate with his structural firefighting certifications in May 2022. Trevor loves to snowboard and enjoys the outdoors. Trevor has wanted to work here since he was a little boy... You'll have to ask Kasey why.

Promotions

Stephen Emery was promoted from Volunteer firefighter to Battalion Assistant on 04/26/2021. Stephen's responsibilities as the Battalion Assistant include the Districts QA/QI program, management of staffing, and incident command support. Stephen is the best Piglet a Whinnie the Pooh could ask for and the best Buddy the Elf that a Grinch could ever have.



William Snyder was promoted from Firefighter to Captain on 07/01/2021. Bill has been with North Lyon Fire since 12/14/2005. His current assignment is C platoon station 61. He is also the Division Officer for fleet and capital. Bill is the seven-year reigning champion of "Firefighter Mustache of the Year" award. His mustache is named Sylvia.

Steve Kuntz was promoted from Captain to Battalion Chief on 09/01/2021. Steve has served numerous positions during his career with North Lyon Fire. He is an accomplished Paramedic and highly respected firefighter. Currently Chief Kuntz manages our Wildland Division and Training Division. Originally from Roseville, California, but we promised not to hold that against him.



Tim Myers was promoted from Captain to Battalion Chief on 09/01/2021. Tim has spent years preparing himself for the role of Fire Marshal. He was promoted to Captain/Fire Marshal in 2020 and now serves as the Prevention and Medical Division Chief. Tim has a quick wit and ready smile and is a strong mentor and leader within the District. Tim is one of the firefighters that requires an XL helmet as is obvious from his photo.

The Events



Although started at the end of 2020, the new Bunker Room project at station 61 was completed. This addition to the station allowed us to keep all of our firefighting PPE in one location for storage and is in a negative pressure room that vents all off-gassing directly out of the building. This is a significant improvement for firefighter safety and is highly recommended as one step to prevent carcinogenic exposure in the workplace. The majority of the work was done in house with almost every member working a hammer, saw, or paintbrush.



North Lyon Fire received the first two new engines in over 24 years with the arrival of our twin Pierce Enforcer engines. This project had been underway for well over a year upon their arrival and have drastically improved service delivery and firefighter safety. Interestingly, the engines were involved in their first fire when a building being used for training on the new engines caught fire during a training exercise.

One of the engines is dedicated to the lifelong support from the Carr family and is lovingly named "Linda". On March 2, the engines were dedicated, and a ceremonial pushing was held with over 500 community members present to celebrate this monumental occasion.



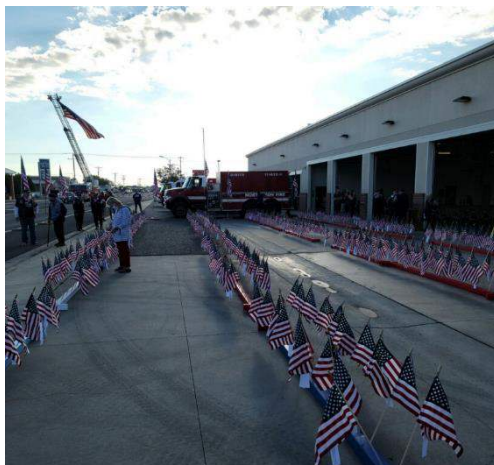


On May 15, we held our First Annual Cadet Scholarship Golf Tournament. After a rousing beginning to the day, golf was cut short by torrential rain and dramatic lightening on the golf course. Although we didn't get to complete a full round of golf, the tournament raised over \$22,000 for the Cadet program.

Thanks to the generosity of the community and participants, we were able to fund almost \$8,000 in senior year scholarships. The second annual tournament is now scheduled for early June 2022.



2021 marked the 20th commemoration of the 9-11 attacks and the loss of 343 firefighters at the World Trade Center in New York. North Lyon Fire partnered with the Nevada Veteran's Coalition to host a Commemoration Ceremony at Station 61. Over 500 people attended the somber ceremony and paid tribute to the heroic sacrifices of that day.



We participated in several Halloween events this year and in doing so, passed out over 300 pounds of candy. The District dressed as the Winnie the Pooh gang and visited several schools and local businesses in costume. A great time was had by all.



Christmas time is always busy for North Lyon Fire. This year we participated in three major events. First was the Grinch breakfast hosted at Station 61. We helped to provide breakfast and an opportunity to growl with the Grinch to over 300 people. The following week, Santa arrived in town atop a fire Engine and the annual Christmas for Kids Breakfast and Toy Drive was hosted at Station 61. The District also assisted the Grinch and Santa in the Main Street Christmas Parade.

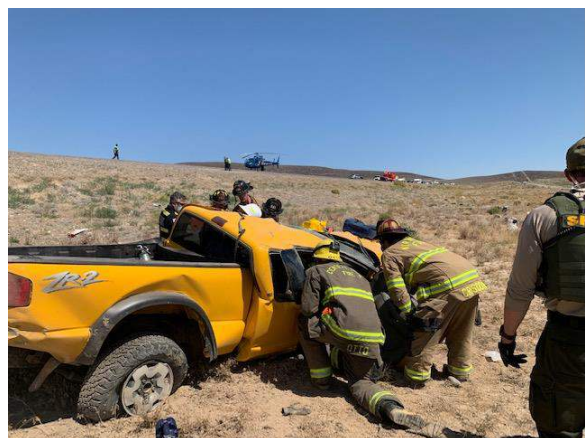


The Scenes

On 03/28/2021 Engine 61 was dispatched to a camper trailer fire on Mesa Drive. On arrival the Crew reported flames and smoke coming from a small camp trailer next to an outbuilding garage. The crews engaged in a quick offensive attack and quickly began overhaul of the trailer. During overhaul the Crew discovered a victim inside the trailer. Nevada State Fire Marshal Investigators were called in and conducted the fatality investigation. Due to the extensive fire damage from the rapidly moving and exceptionally hot fire, no determination was made about cause of the fire and cause of death for the victim.



On 06/17/21 Engine 61 and Rescue 61 were dispatched with Central Lyon Fire units to a rollover accident on US95 just south of Damon's Curve. Upon arrival, Crews found a small pickup that had rolled over multiple times and was approximately 150 feet off of the roadway. The single occupant was seriously injured and required extrication to be removed from the vehicle. A medical helicopter was called in and the patient was transported to a Trauma Center in Reno.



On 06/25/21 all North Lyon Crews were dispatched to a house fire in the highlands south of the Truckee Canal. On arrival Crews found a single-family residence with heavy smoke and flames coming from the front windows of the home. A neighbor reported that there had been a domestic disturbance at the location and that the person responsible for the fire had just walked down the road as fire crews were arriving.

Lyon County Sherriff's were called to the scene to investigate the claim. Crews aggressively attacked the fire and were able to make a good stop on the fire progression keeping much of the home from burning. Fire attack was significantly hindered by the lack of hydrant water in that area, however, the use of multiple water tenders proved successful.



Later that day, Engine 62 was dispatched to a car fire. On arrival, the Crew found a new Jeep heavily involved in fire with flames from gas leakage rolling down the gutter. The vehicle was quickly extinguished, and a faulty electrical component was determined as the cause.



In the early morning hours July 4th, Engine 61 and Rescue 61 were dispatched to a motor vehicle accident on I-80 at MM62. On arrival Crews found a passenger vehicle fully involved in fire. The vehicle had rear-ended a Semi at high speed. Crews made an aggressive fire attack and were able to quickly extinguish the car fire, however the trailer and contents were more difficult due to the lack of hydrant water.

After extinguishment, a single victim was discovered in the passenger vehicle. Investigators were called out but were unable to determine if the victim died due to the accident or from fire related causes.



On 09/03/2021 all North Lyon Fire crews were dispatched to a house fire on C Street. The smoke and flames were visible long prior to arrival due to the intensity of the fire. Upon arrival the Crews determined most of the fire was in the garage section of the home. After an extended and difficult attack, the fire was controlled and kept from destroying the home.

Thankfully, all occupants were able to exit the home and no injuries were reported.



On 9/27/2021 North Lyon Fire crews were dispatched to a structure fire in the highlands, south of the Truckee Canal. Upon arrival crews discovered a single-family residential structure that was fully involved in fire. The crews made a quick defensive attack on the fire but were frequently pushed off the fire-line due to multiple explosions and projectiles coming from the inferno.

The lack of water supplied by hydrants also reduced effectiveness of firefighting operations and multiple water tenders were required to provide support on the incident. The home was in the process of being remodeled by the new owner and luckily was unoccupied at the time of the fire. Firefighting operations lasted well over six hours to gain control of the fire and fully extinguish the flames. State Fire Marshal Investigators were called in and determined the fire was the result of electrical issues.



The Conclusion

It is our honor to serve as members of the North Lyon County Fire Protection District. We take our service to the public serious and will continue to strive towards a better and safer service.

We eagerly look forward to continued progress during 2022. We will be receiving our newest ambulance, which will replace our oldest and highest mileage unit. We are also working on several grants to further our fleet with the addition of a new Type III Engine.

We hope to hire three more firefighters next fiscal year to increase staffing at Station 62 and will promote three new Captains for full supervision and crew leadership at Station 62.

2022 will also include a Voter Question Initiative to increase District stability through a much-needed taxation increase. It has been 30 years since the last successful initiative.

Our Mission, Vision, and Values maintain our community centered approach and remain:

Our Motto: **People First**

Our Mission: We save lives. We protect property. We strengthen community relationships. We engage with our community. We do this to make our community safer, better, and stronger.

Our Vision: Enhance and advance our emergency response and protection capabilities to meet the needs of our diverse and growing community.

Our Values:

- Service** - Nothing takes priority over responding to our community's needs.
- Dedication** - We are dedicated to our citizens, community, and District. We choose to serve and demonstrate our dedication through our daily actions and reactions to the needs of our citizens, community, and District.
- Teamwork** - We all bring a unique perspective, skills set, and experience to the District. We recognize that we are stronger and safer as a team. We value diversity and respect the different paths that have brought us together in service to the community.
- Integrity** - We are honest, truthful, trustworthy, accountable, and People First guides our actions.
- Accountability** - We own our failures so that we can own our successes. We hold each other to the highest standards of our profession and help each other achieve, grow, and learn.