

NORTH LAS VEGAS FIRE DEPARTMENT

2016 Annual Report



FIRE



CITY OF
NORTH LAS VEGAS



RESCUE



FIRE
CITY OF
NORTH LAS VEGAS
RESCUE

**WE WILL BE VIGILANT,
BRAVE, AND PREPARED**



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A NOTE FROM THE ACTING FIRE CHIEF

On behalf of the women and men of the North Las Vegas Fire Department (NLVFD), I want to acknowledge what a great honor and privilege it is to serve the citizens of North Las Vegas. As the Acting Fire Chief, I am humbled to work alongside our team of exceptionally committed and highly qualified professionals. The NLVFD is continually seeking opportunities to improve our services to match the needs of our diverse and expanding community. These ongoing efforts ensure the fire department's services advance the City of North Las Vegas vision by providing dedicated emergency and community services in a professional manner.

The NLVFD has been involved in many hours of preparing and planning for the future, while still honoring the rich traditions and NLVFD-PRIDE established by current and past members of our department. While the contents of the Annual Report tend to focus on the fire department's statistical data, programs, and projects, it is the people we serve and those that serve them that are at the heart of our mission.

I want to thank the City Council, City Manager, and our outstanding City staff for their ongoing support and teamwork. Very few opportunities offer the unique spectrum of challenges and the wonderful rewards as does serving our residents. On behalf of the North Las Vegas Fire Department, I am pleased to present our 2016 Annual Report.

Ray N. Kessler
Acting Fire Chief

VISION STATEMENT

WE WILL BE A LEADER IN EMERGENCY SERVICES.

WE WILL BE A DIVERSE WORKFORCE THAT PROVIDES QUALITY FIRE AND LIFE SAFETY SERVICES THROUGH PROACTIVE AND INNOVATIVE TRAINING, EDUCATION, CODE ENFORCEMENT, RISK ASSESSMENT, AND COMMUNITY INVOLVEMENT.

WE WILL BE VIGILANT, BRAVE, AND PREPARED.

MISSION STATEMENT

TO ADVANCE THE CITY OF NORTH LAS VEGAS VISION BY PROVIDING DEDICATED EMERGENCY AND COMMUNITY SERVICES IN A PROFESSIONAL MANNER.

NLVFD - PRIDE

- Noble** We will possess all the characteristics and qualities of professional fire and life safety emergency service providers.
- Leadership** We believe in positive leadership with vision toward the future.
We will mentor and empower ethical leaders throughout the organization.
We will conduct ourselves as leaders in the community.
- Vigilant** We will diligently watch over ourselves, our family, and our community.
- Family** We will remember, what affects one, affects all.
- Diligent** We will enthusiastically complete all tasks safely and with detailed perseverance.
We will promote fiscal responsibility and accountability.
- Professionalism** We will remain skilled, knowledgeable, and ready to serve.
We believe training and education are the foundation of professionalism.
- Respect** We will treat others with compassion, in a dignified and courteous manner.
- Integrity** We will conduct ourselves in a way that brings honor and respect to our profession.
We believe that maintaining public, personal and professional trust is paramount.
- Diversity** We will embrace diversity and foster a workplace reflective of our community.
- Excellence** We will continually strive for performance that surpasses all expectations.
We believe that a quick and safe response, training, education, and preparedness are the keys to excellence.

2016: LOOKING BACK



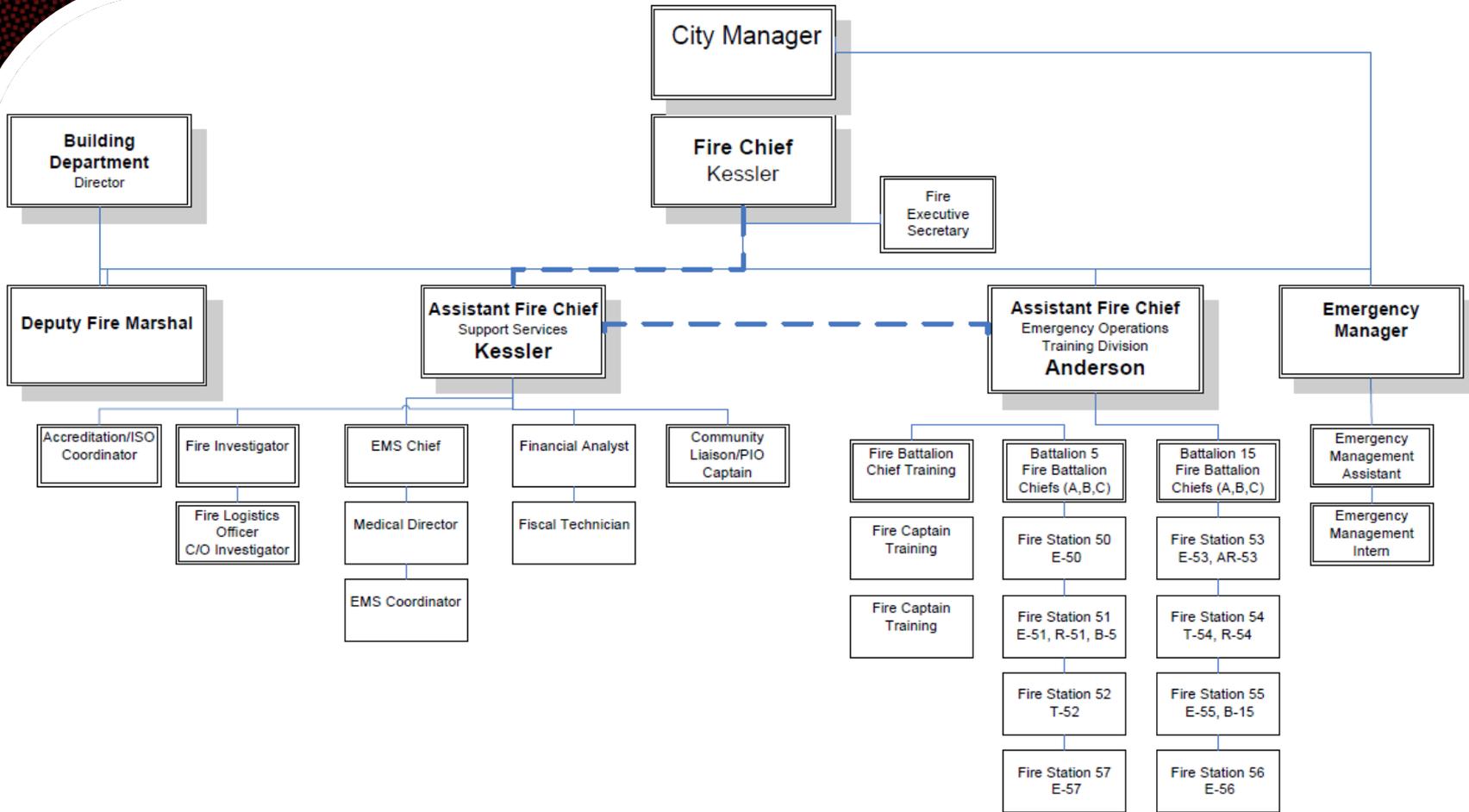


SERVICES PROVIDED

The Fire Administration Building houses the Fire Chief, Assistant Fire Chief, Emergency Manager, Emergency Management Assistant, Community Liaison/Public Information Officer, Two Training Captains, Training Battalion Chief, EMS Chief, EMS Coordinator, Fire Logistics Officer, Fire Investigator, Accreditation/ISO Coordinator, Executive Secretary, Financial Analyst, and Fiscal Technician.

“Our City, Our People, Our Duty”

The North Las Vegas Fire Department currently operates out of eight strategically located fire stations with operations personnel divided into two battalions and three platoons (A, B, C), with 1/3 of the department on duty at a time. Firefighters work a 48-96 schedule, meaning that they are on duty for 48 hours straight. Each battalion is supervised by a Battalion Chief and overseen by the Assistant Fire Chief of Operations. Service is delivered utilizing six engine companies, two truck companies, an air resource/rehab unit and two transport-capable rescue units.



North Las Vegas Fire Department
2016 Organization Chart

The Operations Division is responsible for emergency and non emergency response services. Eight strategically located fire stations deploy personnel for 24 hour emergency response to fires, medical emergencies, natural and man-made disasters, and various other calls for service. Uniform personnel participate in training, conduct fire safety inspections, initiate life safety drills, maintain equipment in a state of readiness, and interact with the public on fire prevention related matters as part of their daily routine.

OPERATIONS

2016:

Incidents: 28,753*

Unit Responses: 34,179*

Auto Aid Responses Received: 4,682

Auto Aid Responses Given: 3,378

Population: 235,395

Area: 100.7 sq. miles

* Includes Fire Investigator responses



**INVOLVED
PRIDE**

The Training Division is responsible for the personal safety, training, and professional development of all department personnel. The Training Division conducts scheduled training for a vast variety of subjects including fire operations, hazardous materials, technical rescue, emergency medical services, personnel management, and leadership, etc. The division is also responsible for providing guidance and oversight in the areas of continuing education and professional development.

TRAINING

Training Summary:

- 32,362 Training hours for Operations
- Average of 235 hours per employee
- Average of 2.40 hours per day, per employee

Completed Training:

- Vertical Ventilation Training
- Live Fire Training utilizing PPV and smooth-bore nozzles
- Rivera Training (multi-company city wide high-rise training)
- Advanced Drivers Training (defensive driving for Emergency Responders)
- Swift Water Training @ Wet'n'Wild
- Hostile MCI Training (refresher)
- Thermal Imaging Camera Training
- Ongoing Extrication Training with Community Partner SA Recycling

Hosted/Facilitated the following:

- Officer Development School
- Engineer Development School with pre-course in Hydraulics
- Officer I Course in Conjunction with Valley Wide Training Chiefs
- Fire Instructor I & II Course Conjunction with Valley Wide Training Chiefs

Recruit Academy 2015-1



The Emergency Medical Services (EMS) Division is responsible to ensuring all North Las Vegas Fire Department personnel provide the highest quality emergency medical care to the citizens and visitors of North Las Vegas. The EMS Division supports fire and rescue operations with supplies, oversees compliance with ambulance contractor agreements, provides medical disaster planning for the community, and serves on various local, state, and national EMS committees.

EMERGENCY MEDICAL SERVICES

Accomplishments:

- Developed, educated, and implemented a new ePCR System (ImageTrend) to all personnel and third party billing company (Wittman Enterprise LLC)
- Integrated our Zoll X Series monitors into our ePCR System
- Developed and implemented a new QA/QI process for EMS delivery
- Led the development and implementation of a new Paramedic Preceptor/Mentorship Program for Clark County (SNHD)
- Completed EMS License Recertification of all field personnel
- Collected over \$400,000 in ambulance billing



The Fire Investigations Division is responsible for investigating fires to determine the origin and identify cause in an effort to prevent fires. If the cause of the fire is determined to be negligent, careless, or incendiary, the Fire Investigations Division will enforce local, state and federal codes, laws, and ordinances as applicable.

INVESTIGATIONS

Accomplishments:

- Completed 180 Fire/Arson investigations
- Investigated 4 fatal fires
 - (Accidental warming fire and cooking fire)
- Investigated 8 burn injury fires
- Investigated 11 “Other jurisdiction” Fire/Arson fires
- Made 21 arrests with 100% convictions
- City of North Las Vegas: 14 arrests
- Testified as an expert witness on 7 criminal cases
- Testified as an expert witness on 2 civil cases
- Conducted 27 pre-hire background investigations

Instructor for:

- UNLV Adult Education Program - Fire/Arson investigations
- Desert Regional Southern Nevada Law Enforcement Academy
- Clark County Department of Juvenile Justice Probation Officers Academy
- International Association of Arson Investigators - Nevada Chapter - Vehicle Arson Fire Investigations
- International Association of Insurance Fraud Investigators - Vehicle Arson Fire investigations

The Fire Logistics Officer is responsible for the purchasing, testing, and maintenance of all fire department equipment, including but not limited to, apparatus, self-contained breathing apparatus (SCBA), hoses, ladders, and personal protective equipment (PPE). Duties also include coordinating fire station and administrative office maintenance and repairs.

OSHA/NFPA Mandated Annual Testing:

- SCBA Mask Fit Testing completed for 160 personnel
- Aerial & Ground Ladder Testing
- Fire House Testing Completed
- Apparatus Pump Testing Completed
- Annual SCBA Bench/Flow Test Completed

Accomplishments:

- Evaluated, purchased and issued new structure helmets to all personnel
- New Engine 53 delivered and placed into service at Station 53
- New Truck 54 approved at City Council Meeting - expected completion in 2017
- Engine approved for a complete refurbish - completion anticipated in early 2017 and will be placed back into service as the new Engine 55
- Refresh of Fire Stations 51, 52, and 55 completed
- Refresh of Fire Station 56: started December 2016, completion expected February 2017
- Handled and processed over 7,500 Fire & Personal Safety/Equipment Request
- Updated 200 mobile and portable radios from analog to digital per FCC requirements
- Swapped out 20 Motorola XTS 5000 portable radio's to the new APX 6000/7000 digital radio
- NLVFD Fire Logistics Officer recognized as a turnout, safety equipment and personal protective equipment Subject Matter Expert (SME) by Manufacturers, Independent Service Providers and Distributors

The Public Education Division focuses on reducing our highest community risks. The North Las Vegas Fire Department remains committed to actively educating citizens in an effort to make our community a safe and secure place to live, work , and play.

The Public Information Officer (PIO) is responsible for coordinating the department's public, media, marketing, and intergovernmental relations. This office is further tasked with the organization of seasonal activities, publicity/marketing campaigns, managing crisis, and addressing negative publicity. Other duties involve developing the day to day management of all internal and external communication strategies as well as long term strategies for both. The Public Information Office is also responsible for producing professionally written documents, brochures, summaries, books, manuals, and reports of all pertinent fire department activities as directed by the Fire Chief.

The role of the Public Information Officer is quite diverse in the sense that he/she must function in dual or multiple roles to meet the demands for public information in this present era. The PIO is an intricate part in establishing positive relationships with all outside entities and the community. The primary goal of the position is to disseminate information and keep the public informed, in conjunction with working with the media to allow this to happen.

PUBLIC EDUCATION/PIO

Accomplishments:

- Total Events: 239
- Total People: 697,195
- Event requests: 135
- Total Volunteer Hours: 2,100 (150 civilian and employee volunteers)

Clark County Drowning Stats:

- 48 submersions
 - 40 non-fatal
 - 8 total fatalities (6 under 4 yrs. of age)



The Fire Department is responsible for administering an all-hazard preparedness, prevention, response, and recovery program for the purpose of reducing the loss of life and property and for the protection of citizens and industry in the event of any major emergency or disaster affecting the city of North Las Vegas.

The Office of Emergency Management provides a proactive framework by developing pre-planned mechanisms that include planning, training, and exercises, which allow the City to operate in an effective and integrated manner during a major emergency or disaster.

OFFICE OF EMERGENCY MANAGEMENT

Accomplishments:

- 2016 All Hazards Emergency Operations Plan adopted and implemented
- Active Shooter/Assailant provided and offered to all City employees and Security Contractor
- Reestablishment of the City of North Emergency Management Working Group (Executive Staff)
- 2016 Emergency Operations Center (EOC) Activation Procedures updated with all departmental inputs
- State and local entity led instructional training facilitated for the entire valley
- Exemplary Review during State Audit of the Emergency Management Performance Grant (EMPG) Program in February 2016
- Established Emergency Sheltering process in coordination with Neighborhood Leisure Services and American Red Cross
- Established Emergency Damage Assessment in coordination with Building Safety

Grant funds approved for award by LEPC & UASI:

- \$53,026 – Phase II P-25 Radios (Urban Areas Security Initiative (UASI))
- \$53,026 – Phase II P-25 Radios (De-obligated Funds)
- \$38,725 – Thermal Imaging Cameras (De-obligated funds with CLV OEM Match)
- \$13,560 – Electric Positive Pressure Ventilation Fans (Mid-Cycle Hazardous Materials Emergency Preparedness (HMEP) Funds)
- \$14,990 – Multi-threat Ensembles (Encapsulated Suits) (Mid Cycle HMEP Funds)
- \$11,870 – SCBA Masks (Hazmat) (Mid-Cycle HMEP Funds)

The Accreditation/Insurance Services Office (ISO) Coordinator is responsible for the Fire Services Accreditation and Insurance Services Office classification for the department. This division conducts management analysis projects, community risk assessment, and strategic planning coordination.

ACCREDITATION/ISO

Accomplishments:

- Wrote proposals and secured grant funding for the following:
 - AFG Grant for Wellness/Fitness - \$45,215.00
 - SAFER Grant for 18 Firefighters - \$3,674,745.00
 - Firehouse Subs Grant for Binder Lifts - \$6,238.13
- Finalized 2016-2021 Strategic Plan
- Created 2015 Annual Report
- Collected \$7,579.00 in File Search fees for Custodian of Records
- Attended “Grant Writing That Gets Funded” Workshop
- Completed Center for Public Safety Excellence Peer Assessor Workshop



Nevada Task Force 1 (NVTF-1) is one of 28 Federal Emergency Management Agency (FEMA) Urban Search and Rescue (USAR) Task Forces that are prepared to respond to state or federal disasters throughout the United States.

NVTF-1 consists of members from Clark County Fire Department, Henderson Fire Department, Las Vegas Fire and Rescue, and North Las Vegas Fire Department, as well as civilians from several private companies. North Las Vegas Fire Department has 14 members on the team and some hold key leadership positions on the team such as Task Force Leader, Plans Manager, Rescue Team Manager, Director of Training, and Search Team Manager.

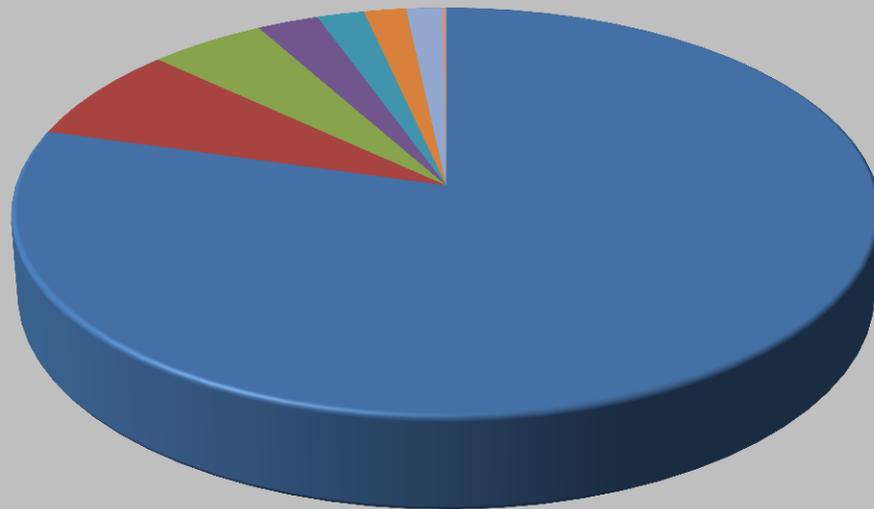
NEVADA TASK FORCE 1

In July 2016, the team was deployed to an explosion in Panaca, NV, where a man detonated two bombs before killing himself.

In 2016, NLVFD Members participated in 200 hours of training that included:

- Enhanced Operations in Contaminated Environments
- Hazmat Specialist Course
- Canine training/evaluation/recertification
- Boat operator Course/surface water rescue
- Rescue courses (Confined Space, Rope Rescue, Trench Rescue, Structural Collapse Rescue)
- Task Force Leader Course
- Manager Training

STATISTICS



■ EMS: 22,851 (79%)

■ Traffic Accident: 2,151 (7%)

■ Fire: 1,427 (5%)

■ Alarms: 752 (3%)

■ Good Intent: 573 (2%)

■ Hazardous Conditions (no fire): 514 (2%)

■ Service/Miscellaneous: 431 (2%)

■ Severe Weather/Natural Disaster: 47 (0%)

■ Overpressure, Rupture, Explosion, Overheat (no fire): 7 (0%)

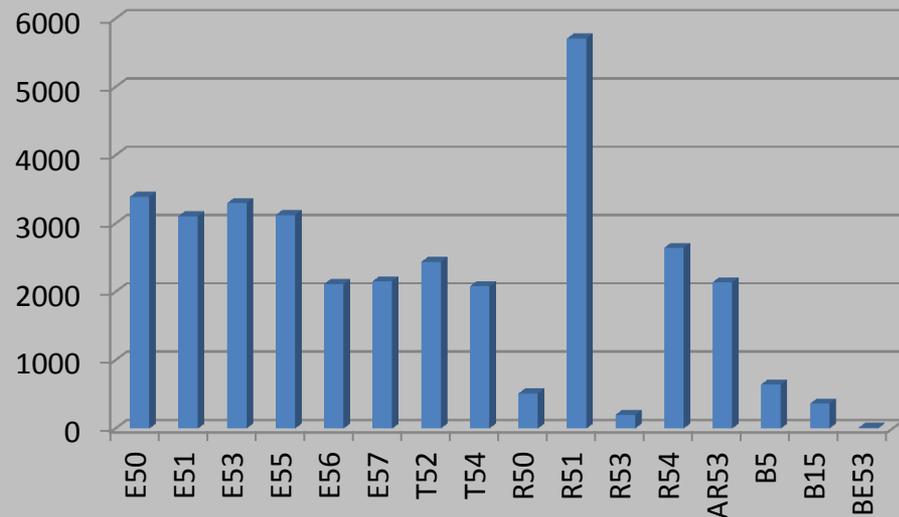
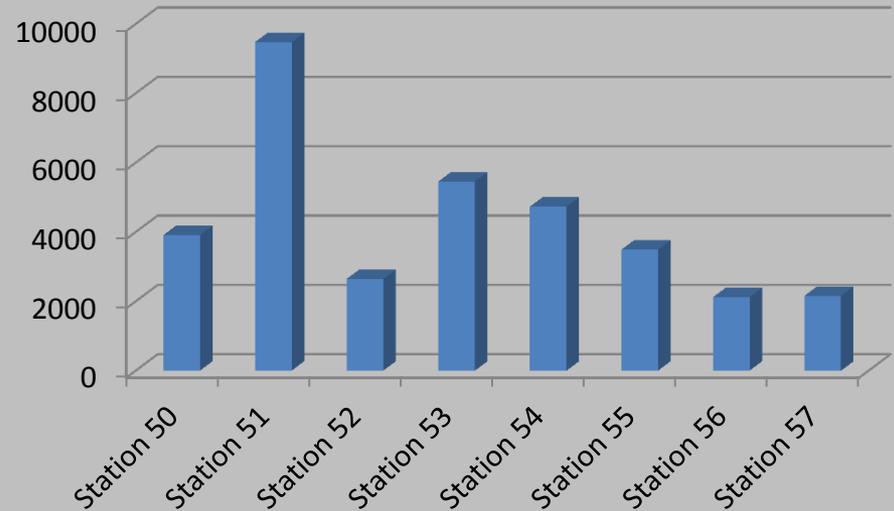
STATISTICS

2016 Responses per Unit

- Engine 50: 3,393
- Engine 51: 3,111
- Engine 53: 3,300
- Engine 55: 3,126
- Engine 56: 2,118
- Engine 57: 2,159
- Rescue 50: 514
- Rescue 51: 5,715
- Rescue 53: 202
- Rescue 54: 2,646
- Truck 52: 2,441
- Truck 54: 2,084
- Air Resource 53: 2,144
- Battalion 5: 648
- Battalion 15: 363
- Brush Engine 53: 10

2016 Responses per Station

- Station 50: 3,907
- Station 51: 9,474
- Station 52: 2,643
- Station 53: 5,454
- Station 54: 4,730
- Station 55: 3,489
- Station 56: 2,118
- Station 57: 2,159

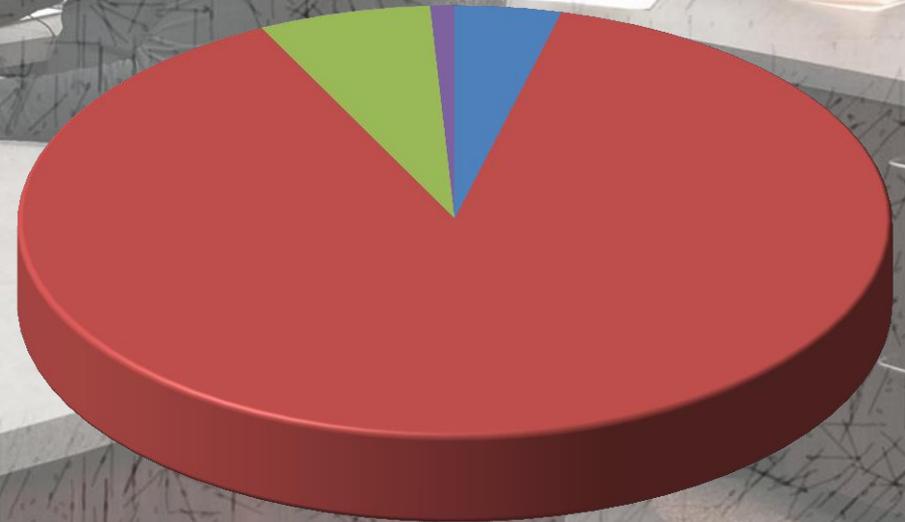


FISCAL DIVISION

The Fiscal Division assists in developing and maintaining the financial and budget process of the NLVFD. This division manages the department's payroll, accounting, and budget responsibilities.

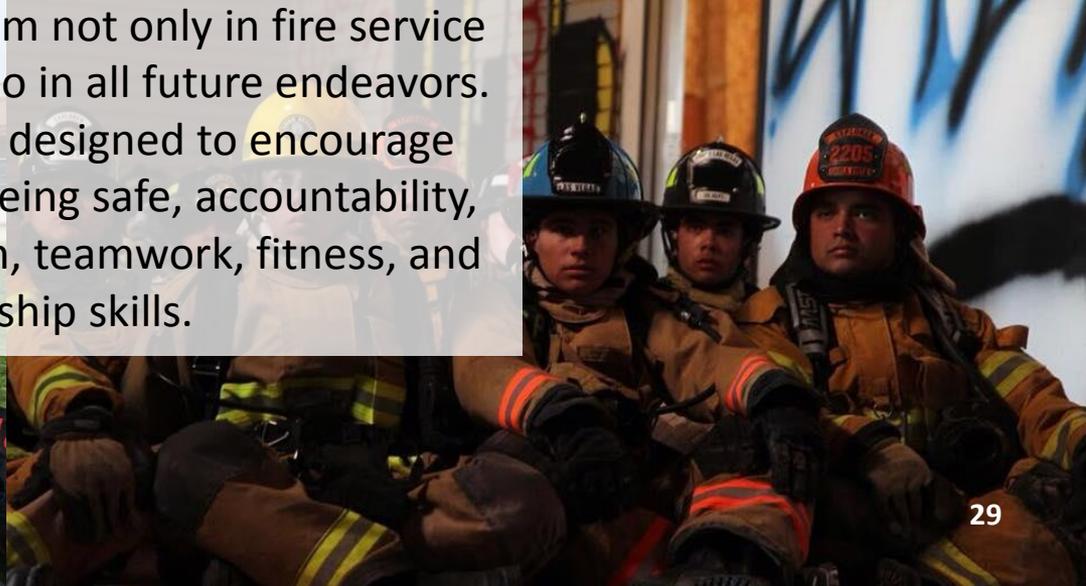
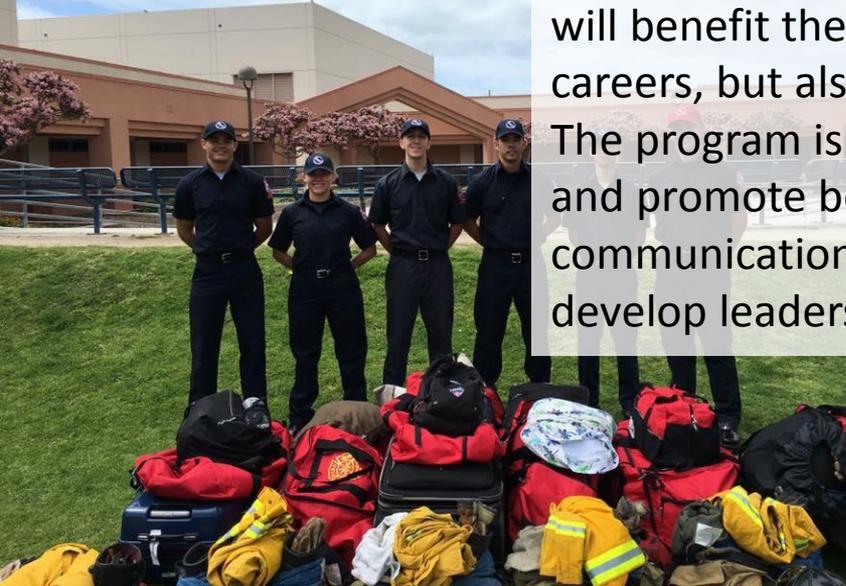
2016 FD Adopted Budget - \$33,345,811

- Administration: \$1,326,246
- Operations: \$29,563,705
- Support Services: \$2,153,046
- Emergency Management: \$302,814



EXPLORERS

North Las Vegas Fire Department provides the opportunity for high school and college students to become familiar with career opportunities available in the fire service. Through classroom instruction, hands-on training, and volunteer work, explorers are provided a base of knowledge and experience that will benefit them not only in fire service careers, but also in all future endeavors. The program is designed to encourage and promote being safe, accountability, communication, teamwork, fitness, and develop leadership skills.



RETIREMENTS

- Jay Wittwer – Hired: 9/9/1987; Retired: 9/16/2016
- Michael Harris – Hired: 7/11/2005; Retired: 10/13/2016
- Richard Brewer – Hired: 3/6/2007; Retired: 8/18/2016
- Jeff Lytle – Hired: 11/12/2013; Retired: 10/7/2016



PROMOTIONS

- Ray N. Kessler – Acting Fire Chief: 10/1/2016
- Travis Anderson – Assistant Fire Chief: 10/1/2016
- John M. Wright – Battalion Chief: 10/1/2016
- Gary Parsons – Battalion Chief: 10/1/2016
- Chad Oliver – Fire Captain: 10/1/2016
- Brandon Parry – Fire Captain: 10/1/2016
- Joel Kernc – Fire Captain: 12/10/2016



SIGNIFICANT EVENTS

- January 30: 3116 Orr Avenue - Mobile home destroyed by fire, one patient in critical condition. Damages estimated at \$100,000.
- February 13: Fire Station 56 hosts Pancake Breakfast/Open House
- April 1: April Pools Day Valley-Wide Campaign Kick-Off
- April 18: 2732 Webster Street - One person in custody after house goes up in flames with damages estimated at \$100,000.
- May 1: Arson Awareness Week
- May 13: Hometown Heroes Night at Cashman Field
- June 4: Fire Station 51 hosts Pancake Breakfast/Open House
- July 22: North Las Vegas Fire Department awarded Assistance to Firefighters (AFG) Grant
- August 12: North Las Vegas Fire Department awarded Staffing for Adequate Fire and Emergency Response (SAFER) Grant
- September 20: 1614 E. Lake Mead Boulevard – Fire in storage sheds close Lake Mead Boulevard. The estimated cost of the damage is \$100,000.

- September 23: 1000 N. Rancho Drive – Three alarm fire in Las Vegas strip mall. Engine 53-A responds to this blaze, which causes \$500,000 in damages to six businesses.
- October 2016: Breast Cancer Awareness Month
- October 2016: Fire Prevention Month
- October 20: Great Nevada Shakeout Earthquake Drill
- November 14: 3981 Donna Street – Department battles two-hour paper plant fire.
- November 14-16: Vigilant Guard (VG-17) national level exercise sponsored by U.S. North Command and the National Guard Bureau
- November 28: Recruit Academy 2016-1 begins
- December 1: 2732 St. George Street – Three North Las Vegas residents perish as a result of this fire, which causes \$250,000 in damages.
- December 24: Firefighters deliver gifts to local family for annual “Emergency Holiday Cheer”
- December 28: Firehouse Subs Grant Donation Presentation

IN MEMORY

On October 5, Captain Yaphet Miller passed away, 12 days after fighting a three alarm fire with his crew on Engine 53-A. Yaphet was a dear friend to his brothers and sisters here at The North Las Vegas Fire Department, and he will be greatly missed.



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FIRE



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NORTH LAS VEGAS FIRE DEPARTMENT

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