CUE IR PROTECTION MEDICAL UCATION NEBR ACCREDITED PORT NTERNAL 019 - 202 SC **ANNUAL REPORT 2019**

CITY Officials

LEIRION GAYLOR BAIRD, Mayor JAMES MICHAEL BOWERS, Council Member **ROY CHRISTENSEN, Council Member RICHARD MEGINNIS.** Council Member JANE RAYBOULD. Council Member BENNIE SHOBE, Council Member TAMMY WARD, Council Member SÄNDRA WASHINGTON, Council Member

COMMAND Staff

MICHEAL DESPAIN, Fire Chief PATRICK BORER. Assistant Chief **ROGER BONIN.** Division Chief **KENDALL WARNOCK**, Division Chief JIM BOPP. Battalion Chief DAVE ENGLER, Battalion Chief JEREMY GEGG, Battalion Chief ERIC JONES. Battalion Chief TIM LINKE, Battalion Chief LLOYD MUELLER, Battalion Chief MIKE SMITH. Battalion Chief WILLIAM THAVENET, Battalion Chief **BOB WATTON.** Battalion Chief AISHAH WITTE, Administrative Officer

CONTRIBUTING Staff

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PREPARED By

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Cover Photo Courtesy Kelly Day Photo LLC Photo Courtesy Kelly Day Photo LLC

Photo Courtesy Kelly Day Photo LLC

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CITY OF LINCOLN NEBRASKA

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MESSAGE FROM THE CHIEF



ON BEHALF OF THE MEN AND WOMEN OF LINCOLN FIRE & RESCUE, THANK YOU FOR YOUR SUPPORT AS WE STRIVE TO SERVE THE COMMUNITY **AS EFFECTIVELY AND EFFICIENTLY AS POSSIBLE.**

The Annual Report communicates the quantity and quality of service provided to our customers in 2019. The report also serves as a record of our activities and accomplishments for future reference and comparison.

Our intent is to begin with an executive summary of accomplishments to address key areas that may be of most interest to taxpayers and elected officials. Additional detail is added as you progress through the report if you desire more specific information about our measurable outcomes.

Our great accomplishments in the past year were made possible through the combined efforts of LF&R employees, city staff, elected officials, and, most importantly, community members.

Accomplishments for 2019:

- Maintained one of the best cardiac survival rates in the • nation and, for a third year in a row, awarded Mission Lifeline Gold Plus by the American Heart Association.
- Opened new Fire Stations 15. •
- Relocated Fire Stations 10 and 12 into new facilities ٠
- Took possession of seven new fire engines moving the • fleet health out of crisis status.
- Reinstituted a second battalion chief on each shift. •
- Completed installation of new radio system. •
- Remounted four ambulances to help improve the health of • the medical fleet and save on replacement costs.
- Value of property saved by LF&R was more than seven times the cost of operating the department.
- Completed an update to the LF&R strategic plan. •
- The Cost per Capita for fire protection services in the City of • Lincoln dropped by another 1%. Overall, LF&R is still funded at 35% below the regional average of comparable municipal fire agencies.
- LF&R was re-accredited by the Commission on Fire • Accreditation International for the fourth time in March 2019.



Challenges for 2020:

- Maintain service levels for a call volume that increases three times faster than population growth with aging apparatus and fire stations.
- Continue to replace aging fire apparatus ٠ at a rate sufficient to keep the fleet status healthy.
- Recruit, hire, and train new firefighter/ paramedics at a rate faster than we lose due to attrition.
- Recruit and hire a new fire chief. ٠
- Add key support staff positions to lower agency workers compensation costs and legal liabilities.
- Coordinate efforts to complete the • construction and staffing of Fire Station 16.
- Complete the legislative and/or regulatory processes to improve current substandard federal Medicaid reimbursement for EMS transport services.
- Complete a major upgrade to the 911 Computer Aided Dispatch (CAD) system.









CORE VALUES

HONESTY AND INTEGRITY: In the performance of our duties.

DEDICATION AND COMMITMENT: To doing what is in the best interest of our rersidents.

PROFESSIONALISM AND TEAMWORK: As we work to restore balance in the lives of our community.

COMPASSION: Empathy as we serve all people equally and without prejudice, making every responsible attempt toward reaching their level of expectation.

We will demonstrate these values as we relate to one another and as we relate to the community we serve.

VISION

Lincoln Fire & Rescue will be recognized by our residents, businesses, institutions and regional fire agencies as a fire rescue department which places a high premium on quality service to others.

Our organizational culture will reflect an honest, respectful team atmosphere that is nurtured by open internal communication processes which allow for a greater understanding and involvement in decisions. Our mission will be accomplished by a physically fit work force, well trained in a multitude of diverse specialized skills and empowered with a high level of involvement in our success. Our dedicated professional staff will demonstrate a consistent commitment to excellence by applying empathy and compassion to all persons of our community equally and without prejudice. Our leadership and labor force will work in concert as one organization striving to reach consensus on organizational issues while achieving a healthy work environment contributing to employee job satisfaction.

We will honor our community's trust by providing the most effective, efficient and fiscally-responsible service possible to all areas of our community. By identifying our community risks and the demands of that risk, we will improve our response capacity by identifying resource and deployment strategies that carry the best interest of our community and increases the probability of fulfilling our mission.

We will expand our community information and education initiatives so that our priorities, philosophy and operations are clearly understood. We will explore all opportunities for quality fire and rescue service delivery while expending time and energy toward developing the best strategies for continued improvement. We will be driven by professional standards to ensure that the City of Lincoln receives outstanding fire and rescue services.



LF&R MISSION

"Our mission is to protect lives, property, and the environment through the highest level of professionalism while working efficiently as a team with the community and the resources provided."

The Lincoln Fire & Rescue Department recognizes that service to the community is sometimes difficult to measure and that the value of the services we provide must excel in contrast to the cost of operating. The department utilizes a third-party to effectively analyze and validate its data and performance metrics. The following list of performance measures are only a sample of the high level indicators used to determine effectiveness and efficiency in a number of service delivery outcome areas.



LF&R is meeting or exceeding the goal.



LF&R is reasonably close to goal. Meets accreditation or industry standards.



LF&R is not meeting the goal, needs improvement but is not a gross deviation from industry standards.



LF&R is not meeting this goal and expedient effort should be made to improve



performance.

First Unit Arrival – Total Response Time for Fire Incidents = 7 Minutes & 20 Seconds at 90%, and not less than 70%.



EMERGENCY SERVICES GOALS - 2019 PERFORMANCE

60% 90% **78**% 100% Treat and begin to transport patients with provider confirmation of stroke symptoms within 15 minutes of Medic Unit Arrival on scene 90% of the time





LF&R meets or exceeds baseline performance in nearly all objective performance metrics. As in years past, our response time metrics (First Unit Arrival, Total Response Time, etc.) are limited by travel distance to a consistently expanding periphery. However, initial estimates suggest the 2019 relocations of Fire Stations Ten and Twelve, and the addition of Fire Stations Fifteen and Sixteen, in-concert with an upgraded CAD system will result in improved response times.



70.00% 63.00% 62.70% 60.06% 60.00% 53.80% *50.00%* 49.40% 40.00% 30.00% 20.00% 10.00% 2015 2016 2018 2017 2019 0.00% Lincoln Bystander CPR Rates



EMERGENCY SERVICES GOALS - 2019 PERFORMANCE



Push hard and fast in the center of the chest 70% 80% 90% **60**% 100% Increase bystander CPR rate to 65%

(CARES Data)

SUPPORT ACTIVITIES SERVICE GOALS	2019 PERFORMANCE
Support Goal: Cost/Per Capita (Annual Budget / Population Served - Revenue) = Below \$221 (City Comparison: Des Moines, Ft. Wayne, Madison, St. Paul, Omaha, Kansas City, Cedar Rapids)	\$144
Support Goal: Insurance Services Office Rating = Class 3 or Better (Class 2 or 1)	CLASS 2
Support Goal: Prevent Civilian Deaths Due to Fire (Accidental / Unintentional) Goal = 0 2015 = 2 2016 = 1 2017 = 2 2018 = 1	0
Support Goal: Employee Injury Rate = Maintain an annual employee injury rate below 20% of the total allocated staffing 2016 = 20.0% 2016 = 19.7% 2017 = 18.2% 2018 = 17%	15.1%
Support Goal: Total Employee Workers Compensation Claim Costs = Less than 3.5% of total department annual budget 2015 = 3.3% 2016 = 3.8% 2017 = 3.1% 2018 = 2.5%	3.9 %
Support Goal: Accreditation Status Through CPSE = Maintain	MAINTAINED

PEER CITY	GENERAL FUND OPERATING BUDGET (IN MILLIONS)	POPULATION ESTIMATE	PER CAPITA GENERAL FUND EXPENDITURES
Cedar Rapids, IA	\$20	132,228	\$150
Des Moines, IA	\$41	216,686	\$190
Ft. Wayne, IN	\$45	267,633	\$169
Madison, WI	\$53	258,054	\$205
St. Paul, MN	\$66	307,695	\$214
Omaha, NE	\$112	468,262	\$239
Kansas City, MO	\$188	491,918	\$382
Comparative Average	\$75	306,068	<mark>\$221</mark>
Lincoln, NE	\$42	290,000	\$144

Chiefs	2017	2018	2019
Battalion 1	1,053	1,101	1,011
Battalion 2*	13	20	236
Medic Units			
Medic 1/10*	925	2,489	3,348
Medic 2	3,787	3,682	3,387
Medic 3	3,728	3,435	3,770
Medic 5	3,061	2,940	2,677
Medic 6	3,233	2,992	3,220
Medic 7	3,673	3,527	3,650
Medic 8	4,034	3,628	3,596
Medic 21	56	2	18
Medic 24	101	54	72
Medic 25	125	153	87
Medic 210	196	52	57
Medic 211	60	23	49
Medic 214	123	84	69
Trucko			
	1 02/	1 000	1 000
	1,924	1,000	1,800
	1,127	1,083	1,054
Iruck /	1,323	1,321	1,402
Truck 8	1,257	1,244	1,166
Truck 21	10	1	0

* Battalion 2 was reinstated 08/09/19, Medic 1 became Medic 10 on 08/01/19, and Engine 15 went into service on 10/31/19.

PHYSICAL RESOURCES

Fire Stations15
Engines (Pumpers)15
Reserve Engines3
(Ladder) Trucks4
Reserve Trucks1
Medic Units7
Reserve Medic Units5
Battalions2
EMS Supervisors1
Hazardous Materials Units1
Technical (Heavy) Rescue Units1
Mobile Air Units1
Decon Trailers1
Utility Trailers1
Water Rescue Trailers1
Support Trailers1
Rehabilitation Units1

RESPONSES FOR SERVICE

Engines	2017	2018	2019
Engine 1	3,557	3,577	3,423
Engine 2	2,051	2,046	2,129
Engine 3	2,400	2,393	2,631
Engine 4	1,604	1,771	1,772
Engine 5	2,020	2,100	2,015
Engine 6	2,037	2,224	2,156
Engine 7	2,146	2,044	2,101
Engine 8	2,363	2,437	2,358
Engine 9	2,253	2,251	2,468
Engine 10	2,128	2,170	2,154
Engine 11	396	403	503
Engine 12	1,535	1,615	1,705
Engine 13	1,020	1,038	926
Engine 14	1,298	1,316	1,325
Engine 21	19	35	5
Engine 15*	N/A	N/A	150
Engine 211	3	22	3
Engine 225	3	1	0

Other

EMS 1	1,249	1,172	1,107
Air 14	716	594	556
Haz Mat 14	384	334	307
Bike 1	8	6	5
Bike 2	3	1	2
Water Rescue	10	7	3



Photo Courtesy: Ashley Busboom

RESPONSE TYPES AND RESOURCES

MEDICAL

Abdominal Pain/Problem	446
Med Req Acc by Law Enf	261
Allergic React/Stings, Bites	140
ALS	83
Anmal Bites/Attacks	17
Assault	292
Back Pain	209
Breathing Problems	1,971
Burns/Explosion	19
Cardiac/Resp Arrest	525
Chest Pain	1,298
Choking	79
CO/HazMat	1
Convulsions/Seizures	1,141
Diabetic Problems	460
Drowning/Diving/Scuba Acc	6
Electrocution/Lightning	4
Eye Problems/Injuries	1
Fall(s)	3,708
Firefighter Injuiry	27
Headache	74
Heart Problem/AICD	556
Heat/Cold Exposure	89
Hemorrhage/Lacerations	549
Interfacility	261
Liftasst	1,327
Med	9
MedB	1
MedFD	/1
MedLE	1,529
	. 131
Noe Vehiele Extrements	142
	I 120
OB/GIN	139
Omega	0
Ollegad	110
Depotrating Trauma	577
	72
PSychiatric	391
Sick Derson	2 0 0 0
Sick Person	2,900 500
SUDRE	. 505
Traffic Incident	1 1 2 2
Traumatic Injuries	1,130
	1 572
Unknown Prohlem	1 191
	1,1)1

FIRE



HAZMAT

Burn/Chem/Elec/Gas	246
CO/HazMat	71
CODET	271
Gas Leak	27
Haz2	282
Haz3	86
HazPkg	3
SuspArt	68
Traffic Incident	6

RS ALARM

Elecgrocution/Lightning 2 Non-Vehicle Entrapments 9 Traffic Incident 177

OTHER

Aircraft Emg 1 1
Aircraft Emg 2 6
Aircraft Emg 3 1
Airplane Crash 1
Bomb Threat 1
Falls 372
Party Trapped/Elevator 109
Remove Ammunition
Special Duty 498
Standby 71
Walk In 30
Wires 59

UNIT WORKLOAD AND RESPONSE VOLUME BY TYPE

These charts illustrate the breakdown of call types for the year. Emergency medical service incidents make up approximately 80% of our response volume when looking at call types. However, if we look at workload, EMS is closer to 78% of the workload, meaning how many hours are spent on each type of emergency incident. When residents run across a problem they don't inherently know how to solve or who else to call, they traditionally resort to calling the fire department. The call type "Other" are calls which include minor emergencies such as burst pipes, assisting an elderly person at home who has fallen, power lines down due to a storm, a child accidentally locked in a vehicle, etc.





THE HEALTH OF OUR FLEET

One of the cornerstones of our ability to provide fast and efficient service to the community is access to reliable vehicles. LF&R has struggled in this area of service delivery for many years but has recently seen substantial movement forward. Although there is still a need for replacement of an additional six vehicles, 2019 provided some much needed improvement to the overall health of the fleet.

Key:	
<18 = A	
18-21 = B	
22-25 = C	
26-30 = D	
>31 = F	

2018			
Rig	In Service	Points	Grade
E1	2017	10	А
E3	2017	10	А
E12	2017	11	А
T7	2017	11	А
Т8	2017	11	А
E4	2015	16	А
E2	2015	16	А
T1	2011	27	D
E11	1999	34	F
E5	2006	39	F
E7	2006	39	F
E8	2006	39	F
E10	2006	40	F
E14	2006	40	F
E9	2006	41	F
E6	2006	42	F
E13	2003	43	F
T5	2002	47	F

		2019						
Grade	Rig	In Service	Points	Grade				
А	E1	2020	5	А				
А	E2	2020	5	А				
А	E3	2020	5	А				
А	E5	2020	5	А				
А	E7	2020	5	А				
А	E8	2020	5	А				
А	E9	2020	5	А				
D	E6	2019	11	А				
F	Т8	2017	12	А				
F	Т7	2017	13	А				
F	E12	2017	14	А				
F	E10	2017	14	А				
F	E14	2017	14	А				
F	E4	2015	19	В				
F	E11	2014	22	С				
F	T1	2011	30	D				
F	E13	2006	40	F				
F	E15	2006	42	F				
	E16	2006	40	F				
	T5	2002	50	F				

VEHICLE SCORE CARD

AGE	One point for each
MILES/HOURS	One point for each
TYPE OF SERVICE	Points assigned as performs. Note: C hour).
RELIABILITY	One to five points repairs per month
MAINTENANCE AND REPAIR (M&R) COST	One to five points repairs.
CONDITION	One to five points repairs, and so on
POINT RANGE	Less than 18, Exce and 28 and above (Source: APWA Vehicle

RESERVE MEDIC UNITS

Rig	ln Service	Points	Grade	
M21	2014	23	С	
M24	2014	26	D	
M211	2014	28	D	
M212	2014	32	F	
M214	2014	32	F	



RESERVE ENGINES AND TRUCKS

Rig	In Service	Points	Grade
E43	1996	40	F
E44	2006	41	F
E42	2006	45	F
E41	2006	47	F
T21	1996	58	F

GOAL: ALL FRONT LINE **APPARATUS/UNITS**

GREEN OR YELLOW

FRONT LINE MEDIC UNITS

	2018					
Rig	In Service	Points	Grade			
M1	2018	7	А			
M8	2018	10	Α			
M3	2018	10	А			
M5	2018	12	А			
M7	2016	19	В			
M2	2014	22	С			
M6	2016	24	С			

Rig	ln Service	Points	Grade
M2	2019	13	А
M3	2018	13	А
M6	2019	13	А
M10	2018	14	А
M5	2018	15	А
M8	2018	15	А
M7	2016	22	С

2019

h year based on in-service date.

h 10,000 miles or 250 hours of usage.

s one to five depending on the type of service the vehicle Convert engine hours into miles (30 to 40 miles per engine

based on the frequency that a vehicle is in the shop for n. Preventive maintenance work is not included.

based on the total life M&R cost, not including accident

for body condition, rust, interior condition, anticipated

ellent; 18 to 22, Good; 23 to 27, qualifies for replacement; means immediate replacement. e Replacement Guide)

POPULATION GROWTH VS CALLS FOR SERVICE





One of the challenges for LF&R is maintaining service levels when demand for service grows at a rate three times that of the population. Several factors contribute to the increased demand. Baby boomers have reached the age where they require a higher proportion of our emergency medical services. Their needs range from serious medical issues to minor calls for assistance due to absence of local family support. Further demand is caused by an increased number of people using 911 for medical needs that could likely be provided through a standard visit to a primary care physician or urgent care, but calling 911 is perceived as faster and easier for the user. LF&R is working with local non-profit organizations, community coalitions, and local hospitals to implement strategies that divert low-risk medical calls for service to other care portals so that ambulances are available for more urgent, life threatening emergencies.

Photo Courtesy: Kelly Day Photo



(OHCA) or sudden death; approximately 92% of persons who experience an OHCA die. Despite decades of research, median reported rates of survival to hospital discharge are poor (ROSC 7.8%) (Return of Spontaneous Circulation) and have remained virtually unchanged for the past 30 years. Without a reliable and uniform method of data collection, communities cannot measure the effectiveness of their response systems, nor can they assess the impact of interventions designed to improve OHCA survival. Participation in an OHCA registry enables communities to compare patient populations, interventions, and outcomes with the Registry. Each year, approximately 300,000 persons in the goal of identifying opportunities to improve quality of care and ascertain whether resuscitation is provided according to evidence based guidelines.

Lincoln Fire & Rescue has worked closely with our Medical Director, area hospitals, and the communications center to ensure we are providing the absolute best chance for survival from pre-hospital cardiac arrest. Absolute attention to performance, developing solid relationships, and continual improvement has resulted in arguably one of the best performing EMS systems in the country. To ensure that LF&R is accurately measuring performance to allow comparable methodology, LF&R is a member of the CARES (Cardiac Arrest Registry to Enhance Survival) United States experience an out-of-hospital cardiac arrest



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PRE-HOSPITAL CARDIAC SURVIVAL RATE

SIGNIFICANT INCIDENTS

JANUARY:	FEBRUARY:	MARCH:
1/30/2019: Four residents displaced, and four pets killed in house fire	2/8/19: Victim rescued from apartment fire 2/23/2019: Fire at Lincoln Marriott Cornhusker Hotel- fire contained to one room on 4th floor	3/13/2019: Apartment fire in large complex contained to one apartment 3/13/2019- Major flooding in Nebras- ka with LFR part of the unified com- mand structure
JUNE:	JULY:	AUGUST:
6/8/2019: Sysco Foods- Six semi- trucks caught fire in parking lot- 25- 50k each to replace.	7/15/2019: Interior ceiling collapse with fatality	 8/1/2019: Medic 10 in service 8/7/2019: Carbon Monoxide exposure in an apartment complex with 15 people transported to the hospital 8/9/2019: Battalion 2 in service. 8/30/2019: NETF1 members travel to Florida to assist with Hurricane Dorian
SEPTEMBER:	OCTOBER:	DECEMBER:
9/11/2019: Husker Auto Group- Semi carrying Hydrochloric Acid leaks	10/4/2019: 2-alarm 2-story retail/ apartment building fire 10/7/2019: 2-alarm warehouse fire 10/26/2019: 2-alarm strip mall fire 10/31/19: Station #15 Opens	12/12/2019: Seven new fire engines arrive in Lincoln







PROPERTY VALUES SAVED FROM FIRE

This graph illustrates the value of property saved from fire in relation to the cost to operate the fire department. As you can see, on an annual basis, LF&R saves property at a value 3 to 10 times the cost of operation. These values do not include extended economic impacts such as the value of a commercial occupancy opening for business the next day versus closing forever, or the impact to real estate prices if an adjacent structure burns and creates blight for a long period of time, etc.





Lincoln Fire & Rescue is proud to be one of only 258 internationally revelop accredited fire agencies through the Center for Public Safety Excellence (CPSE). Lincoln Fire & Rescue also has a distinction of being one of the longest continuously accredited agencies since the inception of fire agency accreditation in the early 1990's.

The CPSE's accreditation program requires fire agencies to compare their performance to industry best practices in order to:

. Determine community risk and safety needs and develop community specific Standards of Cover. . Evaluate the performance of the department. . Establish a method for achieving continuous organizational improvement.

The accreditation model includes the evaluation of 10 major categories with performance indicators determined by representatives from various facets of government, private industry, military and academic fields. Peer assessors are used to verify agency performance on site every five years with final review and approval provided by a commission of subject matter experts. The basic tenants of the process are to ensure accountability and transparency to the community being served.

In March 2019, LF&R was re-accredited for the fourth time.

Lincoln, Nebrask

ston on Fire Accreditation International is dedicated t ncies throughout the world in achieving excelle creditation in order to provide continuous quality enhancement of service delivery to their co

Lincoln Fire & Rescue, having met in full the requirements of the Commission on Fire Accreditation International, as with a team of their peers and members of the Commission, is hereby awarded the of Accredited Agency. In witness whereof this Accredited Agency Award issued this Thirteenth day of March in the year two thousand nineteen.



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ACCREDITATION

2014-2019 2009-2014 2002-2007 1997-2002

2019 - 2024

Chief Steve Dongworth, Chai Commission on Fire Accreditation 1

CITIZEN SATISFACTION

As a retired Trooper, I know the thankless job of a public servant. In 2003 I had a widow maker heart attack while driving in Lincoln. Thanks to your great care I am here now. Well, here we are again. My wife Tricia had a massive stroke Monday night. Would you please give my thanks to everyone at the 27th and Old Cheney station for their quick response. She had the aneurism repaired tonight and is resting with a long road to recover. I can't thank you enough. - Jeff

Just wanted to take a moment to let you know how great of a job your team did during the CO evacuation at Pershing Elementary today. They had great communication with the staff and worked hard to keep the students safe, including getting them into the gym in a timely, yet safe, manner. As the students were walking by myself and the fire captain, there were a couple students who were nervous about what was going on. They did a great job reassuring the students that they were going to be ok. The communication amongst groups was fantastic. Let your team know they did a great job!!

- Kyle, LPS

I recently visited Lincoln for Thanksgiving Weekend At my granddaughter's house and attended the football game on Friday, after the game I became ill and needed the service from your Rescue squad. They took great care of me in transporting me to the hospital keeping me very comfortable. I want to thank the squad for their great service. - Richard

FIRE RESCUE

Decided I wanted an easy dinner night so popped a DiGiorno's into the oven. 20 min later...burnt pizza and a gas oven that won't shut off and keeps getting hotter! Landlord won't answer, won't call back. Had to call fire dept, who showed up promptly and took care of the problem. Turns out the electric ignition is the problem. This wasn't a life threatening situation...but easily could have become one! Thank you Lincoln Fire Dept for going above and beyond!! - Hippi Cat

I just wanted to reach out and say thank you to the crew that helped me yesterday when I cut off my finger. Everyone did an amazing job and really made me feel safe and comfortable. Thank you for all you do! - Jewels



I just had 3 guys come to my apartment to check it out because my alarms were going off in an annoying way (fire and carbon monoxide alarms). They came, checked it, changed my batteries, and were super nice and efficient! I'm not sure who they were or what station, but I wanted to tell about it.

THANK YOU!!!!!!!!

COLN

RESCUE

Also, my dog didn't bark at them, so even he knew they were to help us-that is an amazing quality to put off to a dog! - Katie

aLNKFIRERESCUE

FIREFIGHTER OF THE YEAR



Nate Caldwell Firefighter

FIRE EXPLORER POST #888



TRANSITIONS AND AWARDS UNIT PERFORMANCE AWARDS

AWARD OF MERIT





Mark DeForge Captain



OUTSTANDING SERVICE AWARD



Shawn Durbin FAO



Mark Majors Captain



Firefighter/Paramedi





Back Row (Left to Right): Nicole Horn, Alex Meysenburg, Tristan Cleland, Lexi Gropp, Rachel Faulkner, Kyle McCown

Front Row (Left to Right): Tanner Neemann, Brandon Eslick, Maddie Engler, Carson Poulosky

Not Pictured: Zion Roundtree

Nicole Horn and Rachel Faulkner are now paid members of the department!

TRANSITIONS AND AWARDS **OUTSTANDING SERVICE AWARDS**





Alex Martin

Firefighter/Medic







Matt Treasure

Firefighter

ENGINE 9, A

Greg Fisher

Firefighter







Chad Nixon

Firefighter

Photo Not Available

Eric Dayan Firefighter/Medic

Firefighter







ENGINE 2, C

Ryan Murphy Captain



MEDIC 7, C





TRUCK 7, C





Captain

Alan Hoback FAO

Matt Richardson Firefighter



TRANSITIONS AND AWARDS UNIT PERFORMANCE AWARD



Jonathan Reed



EMS1, C





MEDIC 2, C



Thien Dang Firefighter/Medic



Photo Not Available

Jessica Stover Firefighter/Medic

TRUCK 5, C



Jeff Draper Captain



Miguel Chavez FAO



Dylan Delany . Firefighter

TRANSITIONS AND AWARDS STORK AWARD

ENGINE 13, C







MEDIC8, C



Photo Not Available The Stork Award is given to providers who have participated in the delivery of a newborn in the pre-hospital setting.

Mural in Fire Station #1 at 1801 Q Street. Paited by Lincoln High Art Club, 1978









Jason Relford Inspector Nate Dills Inspector





Jeff Draper Captain

Nic Cunningham Captain





Levi Holte FAO Ben Walkinshaw FAO

TRANSITIONS AND AWARDS PROMOTIONS



Lloyd Mueller Battalion Chief



Tim Stohlmann *Captain*



Mark DeForge Captain



Mark Rist FAO



Mike Smith Battalion Chief

Jason Urkoski

Jon Wright

Parry Siebenhaler

FAO

FAO

Captain



Robert Watton Battalion Chief



Nancy Crist Captain



Jamie Bray FAO



Phil Lewiston FAO

TRANSITIONS AND AWARDS **OUTSIDE AGENCY AWARDS**



Nate Caldwell Firefighter

CAPITAL CITY FOOTPRINTERS FIREFIGHTER OF THE YEAR



Mark Majors Captain

ELKS FIREFIGHTER OF THE YEAR



Aaron Pospisil Captain/EMS Supervisor





Hired 1992 - Retired 2019



Tod Sehnert Thank You Tod for your 26 years of service to LF&R! Hired 1993 - Retired 2019





TRANSITIONS AND AWARDS RETIREMENT





Dave Friedeman Thank You Dave for your 34 years of service to LF&R! Hired 1985 - Retired 2019







Dwayne Koranda Hired 1990 - Retired 2019

Thank You Dwayne for your 29 years of service to LF&R!



Hired 1992 - Retired 2019

Thank You Bob for your 27 years of service to LF&R!



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REMEMBRANCES



MICHAEL MCMURTRY Chaplain 1943 - 2019



Photo Courtesy Kelly Day Photo LLC

Clarence Protsman May 25, 1890

Joseph Thornburg May 25, 1890

> John Curran June 26, 1906

Mansfield Rohrbaugh August 7, 1915

[°] Neil Sommer October 2, 1920

Albert Mook February 18, 1941

Kenneth McKay March 30, 1964

Harley Grasmick April 1, 1981

Robert Gardner July 4, 1982

Willis Leyden October 9, 1987

Rita Makovicka February 22, 2001

> Jack Bruns June 3, 2001

Floyd Miller August 8, 2002

Rick Cuba March 13, 2003

Dave Luedtke July 3, 2016

Matthew Vonderfecht August 24, 2017 "There is no greater love than to lay down one's life for one's friends"

Photo Col

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IN THE LINE OF DUTY DEATHS



~ John 15**:**13

Photo Courtesy Kelly Day Photo LLC





JURISDICTION

MEASURING PERFORMANCE

Medium R - 90th Basel	isk FIRE SUPPRESSION Percentile Times - line Performance	2015 - 2019	2019	2018	2017	2016	2015
Alarm Handling	Pick-up to Dispatch	0:01:55	0:01:21	0:01:19	0:01:16	0:01:46	0:02:26
Turnout Time	Turnout Time 1st Unit	0:01:48	0:02:23	0:01:47	0:01:47	0:01:46	0:01:32
Travel Time	Travel Time 1st Unit Distribution	0:05:58	0:06:33	0:04:03	0:06:17	0:03:47	0:04:53
	Travel Time ERF Concentration	0:10:12	0:09:25	0:09:50	0:10:02	0:13:24	0:07:25
	Total Response Time	0:08:02	0:08:28	0:07:41	0:07:50	0:07:04	0:06:29
ital oonse me	1st Unit on Scene Distribution	n=78	n=19	n=22	n=17	n=8	n=12
Res	Total Response Time	0:17:45	0:12:18	0:12:57	0:17:34	0:23:51	0:16:15
	ERF Concentration	n=74	n=18	n=21	n=17	n=7	n=11

Fire B = Building in Peril | ERF = 10 Firefighters (ERF = Effective Response Force)

High Risk - 90th F Baseli	FIRE SUPPRESSION Percentile Times - ne Performance	2015 - 2019	2019	2018	2017	2016	2015
Alarm Handling	Pick-up to Dispatch	0:01:41	0:01:17	0:01:17	0:01:15	0:01:50	0:01:55
Turnout Time	Turnout Time 1st Unit	0:01:50	0:02:09	0:01:47	0:02:03	0:01:42	0:01:44
Travel Time	Travel Time 1st Unit Distribution	0:04:41	0:05:03	0:04:30	0:04:57	0:04:32	0:04:41
	Travel Time ERF Concentration	0:10:06	0:10:29	0:09:0907	0:10:09	0:09:50	0:10:03
_	Total Response Time 1st Unit on Scene Distribution	0:06:18	0:06:34	0:05:43	0:06:46	0:06:08	0:06:41
ital oonse me		n=784	n=133	n=144	n=177	n=181	n=149
Res	Total Response Time	0:12:56	0:12:58	0:11:53	0:12:11	0:13:07	0:13:38
	ERF Concentration	n=775	n=130	n=144	n=173	n=179	n=1439

Fire C or Fire 1 | Fire C - Confirmed Fire | Fire I = Confirmed Fire with Injuries | ERF = 17 Firefighters (ERF = Effective Response Force)

_In 2019 LFR did not respond to enough fires in "Special Risk" structures to have statistically

Special Risk FIRE SUPPRESSION - 90th Percentile Times - Baseline Performance		2014 - 2018	2018	2017	2016	2015	2014
Alarm Handling	Pick-up to Dispatch	0:01:58	0:01:07	0:01:54	0:01:24	0:01:47	
Turnout Time	Turnout Time 1st Unit	0:01:03	0:00:45	0:00:58	0:00:58	0:00:02	
Travel Time	Travel Time 1st Unit Distribution	0:02:47	0:03:11	0:02:47	0:02:16	0:02:08	
	Travel Time ERF Concentration	0:05:12	0:05:34	0:05:53	0:03:01	0:02:10	
	Total Response Time	0.03.32	0:04:03	0:03:36	0:03:38	0:02:57	
otal oonse ime	1st Unit on Scene Distribution	0.05.57	n=1	n=2	n=1	n=1	n=0
Resl	Total Response Time	0.02.22	0:08:22	0:08:20	0:04:32	0:04:20	
	ERF Concentration	0.07.27	n=1	n=2	n=1	n=1	n=0

Mec - 90th F Baseli	lium Risk EMS Percentile Times - ne Performance	2015 - 2019	2019	2018	2017	2016	2015
Alarm Handling	Pick-up to Dispatch	0:01:39	0:01:19	0:01:21	0:01:16	0:01:49	0:01:51
Turnout Time	Turnout Time 1st Unit	0:01:44	0:01:52	0:01:48	0:01:48	0:01:36	0:01:31
Time	Travel Time (1st Unit) Distribution	0:05:41	0:05:49	0:05:44	0:05:46	0:05:38	0:05:26
Travel	Travel Time (ERF) Concentration	0:09:45	0:09:40	0:09:40	0:09:50	0:10:02	0:09:35
	Total Response Time	0:08:15	0:08:23	0:08:16	0:08:18	0:08:121	0:08:05
otal ponse ime	Distribution	n=40839	n=8225	n=8314	n=7991	n8243	n=8066
Res	Total Response Time	0:12:35	0:12:35	0:12:31	0:12:37	0:12:55	0:12:18
	ERF Concentration	n=40776	n=8209	n=8301	n=7981	n=8235	n=8050

tive Response Force)

MEASURING PERFORMANCE

Bravo & Charlie Medical Call Types (One or Both Responding Units Code 3) | ERF = 5 Firefighters (ERF = Effec-

MEASURING PERFORMANCE

H - 90th Basel	igh Risk EMS Percentile Times - ine Performance	2015 - 2019	2019	2018	2017	2016	2015
Alarm Handling	Pick-up to Dispatch	0:01:34	0:01:17	0:01:17	0:01:14	0:01:44	0:01:46
Turnout Time	Turnout Time 1st Unit	0:01:40	0:01:47	0:01:43	0:01:44	0:01:31	0:01:28
Travel Time	Travel Time (1st Unit) Distribution	0:05:08	0:05:15	0:05:11	0:05:11	0:05:03	0:05:00
	Travel Time (ERF) Concentration	0:08:08	0:08:05	0:08:09	0:08:12	0:08:16	0:07:56
	Total Response Time 1st Unit on Scene Distribution	0:07:39	0:07:48	0:07:41	0:07:38	0:07:37	0:07:25
otal oonse me		n=27234	n=5730	n=5515	n=5487	n=5297	n=5205
Resl	Total Response Time	0:10:47	0:10:49	0:10:50	0:10:55	0:10:52	0:10:25
	ERF Concentration	n=27205	n=5726	n=5508	n=5484	n=5288	n=5199

Delta & Echo Medical Call Types (Both Units Code 3) | ERF = 5 Firefighters (ERF = Effective Response Force)

Special Risk EMS - 90th Percentile Times - Baseline Performance		2015 - 2019	2019	2018	2017	2016	2015
Alarm Handling	Pick-up to Dispatch	0:01:35	0:01:15	0:01:15	0:01:13	0:01:41	0:01:49
Turnout Time	Turnout Time 1st Unit	0:01:31	0:01:42	0:01:32	0:01:36	0:01:16	0:01:18
Travel Time	Travel Time (1st Unit) Distribution	0:04:50	0:04:49	0:04:44	0:04:45	0:05:06	0:04:51
	Travel Time (ERF) Concentration	0:10:12	0:11:06	0:09:35	0:10:33	0:10:22	0:09:41
	Total Response Time	0:07:14	0:07:08	0:07:14	0:07:02	0:07:28	0:07:08
Total Response Time	1st Unit on Scene Distribution	n=1619	n=350	n=367	n=340	n=302	n=260
	Total Response Time	0:13:40	0:14:47	0:12:35	0:13:40	0:13:08	0:13:29
	ERF Concentration	n=1619	n=350	n=367	n=340	n=302	n=260

Calls Where Cardiopulmonary Arrest Has Occurred or is Immenent (All Units Code 3) | ERF = 5 Firefighters (ERF = Effective Response Force)

Moderate Risk HAZMAT - 90th Percentile Times - Baseline Performance		2015 - 2019	2019	2018	2017	2016	2015
Alarm Handling	Pick-up to Dispatch	0:01:48	0:01:23	0:01:26	0:01:19	0:02:04	0:02:11
Turnout Time	Turnout Time 1st Unit	0:02:00	0:02:01	0:02:08	0:01:59	0:01:46	0:01:48
Travel Time	Travel Time (1st Unit) Distribution	0:05:56	0:06:22	0:05:49	0:05:51	0:05:54	0:05:05
	Travel Time (ERF) Concentration	0:14:14	0:13:09	0:13:20	0:14:43	0:14:33	0:13:32
	Total Response Time	0:08:50	0:09:08	0:08:56	0:08:49	0:08:39	0:08:10
Total Response Time	Distribution	n=666	n=97	n=141	n=209	n=138	n=81
	Total Response Time	0:19:06	0:16:39	0:19:01	0:20:06	0:18:30	0:17:38
	ERF Concentration	n=644	n=93	n=136	n=205	n=130	n=80

High Risk HAZMAT - 90th Percentile Times - Baseline Performance		2015 - 2019	2019	2018	2017	2016	2015
Alarn Handli	ng Pick-up to Dispatch	0:02:06	0:02:29	0:01:38	0:01:19	0:03:01	0:02:06
Turno Time	Turnout Time	0:01:54	0:01:47	0:01:47	0:01:47	0:01:31	0:01:32
Time	Travel Time (1st U Distribution	nit) 0:04:06	0:03:53	0:03:44	0:03:39	0:03:59	0:03:42
Travel	Travel Time (ERI Concentration	⁻⁾ 0:10:09	0:12:24	0:08:57	0:08:10	0:08:37	0:08:32
	Total Response Ti	me 0:07:21	0:06:46	0:06:51	0:06:40	0:07:50	0:06:30
Total Response Time	1st Unit on Scen Distribution	n=31	n=5	n=6	n=5	n=5	n=10
	Total Response Ti	me 0:14:46	0:15:30	0:11:31	0:16:28	0:12:59	0:11:22
	ERF Concentration	on _{n=32}	n=5	n=6	n=5	n=6	n=10

MEASURING PERFORMANCE

HazMat Level 2 | ERF = 12 Firefighters (6 HazMat Team Members) (ERF = Effective Response Force)

HazMat Level 2 (HazMat w Injuries) | ERF = 14 Firefighters (6 HazMat) (ERF = Effective Response Force)

MEASURING PERFORMANCE

Medium Risk TECHNICAL RESCUE - 90th Percentile Times - Baseline Performance		2015 - 2019	2019	2018	2017	2016	2015
Alarm Handling	Pick-up to Dispatch	0:01:37	0:01:16	0:01:27	0:01:16	0:01:46	0:01:49
Turnout Time	Turnout Time 1st Unit	0:01:44	0:01:46	0:01:52	0:01:45	0:01:30	0:01:23
Travel Time	Travel Time (1st Unit) Distribution	0:04:454	0:04:48	0:05:03	0:04:42	0:04:31	0:04:03
	Travel Time (ERF) Concentration	0:07:15	0:07:45	0:07:28	0:07:14	0:06:33	0:06:30
	Total Response Time	0:07:21	0:07:27	0:07:43	0:07:17	0:07:13	0:06:30
Total Response Time	Distribution	n=1186	n=234	n=261	n=266	n=200	n=225
	Total Response Time	0:09:52	0:09:34	0:10:24	0:09:57	0:09:22	0:09:13
	ERF Concentration	n=1185	n=233	n=261	n=266	n=200	n=225

Charlie, Delta & Echo Motor Vehicle Accidents Not Requiring Extrication Equipment | ERF = 5 Firefighters (ERF = Effective Response Force)

High Risk TECHNICAL RESCUE - 90th Percentile Times - Baseline Performance		2015 - 2019	2019	2018	2017	2016	2015
Alarm Handling	Pick-up to Dispatch	0:01:49	0:02:29	0:01:18	0:01:25	0:01:55	0:01:52
Turnout Time	Turnout Time	0:01:46	0:01:52	0:01:48	0:01:45	0:01:28	0:01:08
Travel Time	Travel Time (1st Unit) Distribution	0:04:34	0:03:52	0:04:34	0:05:53	0:03:33	0:04:57
	Travel Time (ERF) Concentration	0:10:11	0:10:26	0:09:26	0:09:08	0:08:25	0:13:57
Total Response Time	Total Response Time	0:07:13	0:06:55	0:07:00	0:09:10	0:06:48	0:08:18
	1st Unit on Scene Distribution	n=86	n=25	n=27	n=15	n=8	n=11
	Total Response Time	0:17:00	0:16:21	0:12:44	0:11:47	0:14:24	0:19:36
	ERF Concentration	n=85	n=25	n=27	n=14	n=8	n=11

Rescue Incidents Which Are MUA's Which Require the use of Technical Rescue Equipment | ERF = 18 Firefighters (ERF = Effective Response Force)

Special Risk TECHNICAL RESCUE - 90th Percentile Times - Baseline Performance		2015 - 2019	2019	2018	2017	2016	2015
Alarm Handling	Pick-up to Dispatch	0:01:42	0:01:26	0:01:15	0:01:24	0:02:36	0:01:52
Turnout Time	Turnout Time 1st Unit	0:01:37	0:01:42	0:01:34	0:02:05	0:01:37	0:01:31
Travel Time	Travel Time (1st Unit) Distribution	0:04:51	0:04:54	0:05:03	0:05:07	0:03:36	0:04:31
	Travel Time (ERF) Concentration	0:10:57	0:06:45	0:13:47	0:09:48	0:09:54	0:11:17
	Total Response Time	0:08:43	0:07:48	0:07:37	0:09:08	0:08:54	0:06:59
Total Response Time	Distribution	n=31	n=5	n=8	n=6	n=6	n=6
	Total Response Time	0:16:04	0:10:28	0:18:22	0:14:07	0:18:19	0:18:56
	ERF Concentration	n=30	n=5	n=8	n=5	n=6	n=6



MEASURING PERFORMANCE

All Specialized Technical Rescue Incidents Except MVA's, such as: Confined Space, High/Low Rescue, H20 Surface & Sub-surface, Trench, Agriculture, Industrial, etc. | ERF = 20 Firefighters (ERF = Effective Response Force)