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Lyon County Jurisdictional Assessment and Action Plan

PREPARED BY: Lyon County Manager's Office
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South Lyon Medical Center
Carson City Health and Human Services

REVIEWED BY: City of Fernley
City of Yerington

COPIED TO: Lyon County School District
Lyon County Departments
Central Lyon County Fire Protection District
Mason Valley Fire Protection District
North Lyon County Fire Protection District
Smith Valley Fire Protection District

OVERALL ASSESSMENT

Lyon County and the two incorporated cities have been notified that we have hit two out of three of States criteria for future monitoring and have been directed to complete this assessment and action plan.

COVID-19 County Tracker



State of Nevada
Department of Health and
Human Services
Office of Analytics



[For additional COVID-19 statistics, click here to access the main data dashboard](#)

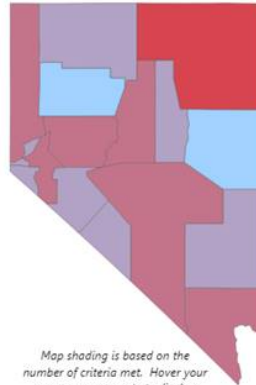
Last updated: 08/31/2020

County Tracker

Nevada's counties are diverse in so many ways and have been impacted by COVID differently. In order to ensure that each county is assessed for elevated disease transmission, this tracker will be updated on Mondays for the previous evaluation period in order to monitor progress.

A county is flagged for elevated disease transmission if it meets two of the three criteria:

1. **Average number of tests per day (per 100,000) < 150.** The average number of molecular tests conducted in the most recent complete two week period in a county, divided by the number of people living in the county. This number is then multiplied by 100,000 to control for varying populations in counties. Due to reporting delay, this is reported over a 14-day period with a 7-day lag. Counties that average fewer than 150 tests per day will meet this criterion.
2. **Case rate (per 100,000) > 200.** The total number of cases diagnosed and reported over a 30-day period divided by the number of people living in the county. This number is then multiplied by 100,000 to control for varying populations in counties. Counties with a case rate greater than 200 per 100,000 will meet this criterion.
3. **Case rate (per 100,000) > 50 AND testing positivity > 7.0%.** The total number of positive molecular tests divided by the total number of molecular tests conducted. This number is then multiplied by 100 to get a percentage. Due to reporting delay (which may be different between positive and negative tests), this is reported over a 14-day period with a 7-day lag. Counties with a test positivity > 7.0% paired with case rate greater than 50 per 100,000 will meet this criterion.



County	Average Number of Tests per Day per 100,000 (14-day average with 7-day lag)	Case Rate per 100,000 (last 30 days)	Test Positivity (14-day with 7-day lag)
Carson City	310.5	217.5	2.8%
Churchill	157.6	274.4	9.8%
Clark	226.8	573.6	12.6%
Douglas	93.7	76.5	2.8%
Elko	105.2	392.8	17.9%
Esmeralda	58.7	0.0	0.0%
Eureka	109.0	101.7	0.0%
Humboldt	62.8	158.2	4.7%
Lander	89.3	133.4	8.0%
Lincoln	41.2	38.5	3.3%
Lyon	71.6	110.4	7.1%
Mineral	321.0	372.7	3.9%
Nye	72.8	174.0	11.4%
Pershing	441.2	71.8	0.7%
Storey	11.2	0.0	14.3%
Washoe	154.7	291.5	8.3%
White Pine	466.2	122.8	2.7%

Lyon County is a partner with the Quad County Health Care Coalition and is utilizing the services provided by the Carson City Health and Human Services Department. A detailed explanation of this partnership is explained below:

The complaint process that occurs through the Quad-County COVID-19 Hotline:

The Quad-County COVID-19 Hotline functions not only to assist callers with scheduling COVID-19 tests and answering questions, but also takes complaints from callers about establishments they feel are not complying with Governor's directives for COVID-19. These calls include anything from establishments that seem too crowded, not enforcing face coverings, not cleaning or disinfecting appropriately, allowing employees to come into work sick, etc. All complaints for establishments in the quad counties are documented.

Information collected from the caller includes:

- Caller name and phone number (if not anonymous)
- Establishment name
- Establishment address and county
- Date of caller's visit to the establishment
- Complaint details

If the complaint fits the criteria for an OSHA investigation (hazard to employees by non-compliance in the workplace by employees or by the public), then the Call Center sends the complaint to the State OSHA Office. If the complaint involves any healthcare or medical facility, the complaint is also submitted to the Bureau for Healthcare Quality and Compliance.

There was one complaint filed between August 5-18, 2020, for the Silver Springs Food Pantry. The complaint was about an employee's family member testing positive, and the employee not quarantining, not social distancing, or wearing a mask around others.

Quad-County Healthcare Coalition involvement in Lyon County:

The Quad-County Healthcare Coalition is made up of various healthcare and healthcare-related agencies, including:

- Hospitals
- Long-term care facilities
- Skilled nursing facilities
- Assisted living facilities
- Home healthcare and hospice
- Dialysis centers
- Behavioral health
- Private providers
- Community health clinics
- EMS
- Emergency management
- Public health

The purpose of the coalition is to:

- Build relationships and break down silos between agencies that represent the healthcare system in Carson City, Douglas, Lyon and Storey Counties.
- Address issues that impact the community's ability to access quality healthcare services.
- Collaborate and coordinate the efforts of healthcare facilities and community stakeholders to mitigate against, prepare for, respond to, and recover from hazards impacting the Quad-County region's healthcare community and patients.
- Share information, best practices, and lessons learned between healthcare organizations, as well as healthcare system partners.
- Assist healthcare partners with meeting CMS preparedness rule requirements.

All appropriate agencies in Lyon County have been invited to participate in the Quad-County Healthcare Coalition. At this point in time, Lyon County agencies that participate in the Coalition:

- Banner Health Center in Fernley
- Division of Public and Behavioral Health (DPBH) Community Health Services (which include Dayton, Yerington, and Fernley Community Health Clinics)
- Lyon County Emergency Management
- Mason Valley Fire Protection District
- Mason Valley Residence
- Smith Valley Fire Protection District

- South Lyon Medical Center
- Yerington Paiute Tribal Clinic

Activities include attending Coalition meetings/calls, submitting weekly PPE burn rates (if applicable), and submitting weekly COVID-19 testing numbers (if applicable). There are several agencies that may not be located in Lyon County but still serve Lyon County residents, such as home healthcare and hospice agencies and dialysis centers. In addition, Carson City Health and Human Services (CCHHS) and the Quad-County Healthcare Coalition have a good working relationship with the Lyon County School District, and representatives intermittently attend Coalition meetings/calls when possible.

Lyon County is deficient in two of the criteria.

- The average number of tests per day per 100,000 population < 150

Lyon County has not consistently been able to meet this criteria. There are a number of variables that create this weakness. Lyon County has a large percentage of its population that is 65 or older and a large percentage of the population that is at or below poverty level. Our geography and these factors creates a difficulty for this population base to be tested. CCHHS has conducted regular drive through testing within Lyon County and the State Community Health Nurses provide the testing. Encouraging people to be tested has been difficult partially due to transportation issues, hours of operation and public apathy.

The Yerington Paiute Tribe is testing its population but CCHHS does not receive their information and we are not aware of how the state counts those numbers in our testing numbers.

A large segment of our population is employed by other cities, counties, the state and the federal government. Many of them are tested as a condition of employment. CCHHS is not provided that information and we are unaware of how the state counts those tests.

- Case Rate (100,000) > 50 AND testing positivity > 7%

A large portion of our population commutes to Carson City, Washoe County and TRI for employment. This transient population comes into contact with a larger population base thus increasing the probability of encountering a COVID-19 positive person. We cannot address that issue.

We have seen increased compliance in business operations throughout Lyon County and support the State's enforcement efforts with OSHA and other regulatory agencies.

Since being notified of being monitored we have seen our rate drop from 7.4% to 7.1%. We also believe that in the time period that required being monitored that a significant number of these cases were large family units that were testing positive.

Lyon County has cancelled all large gathering events that would normally be held on County property (Fair and Rodeo, Night in the Country, etc) and has worked with private organizations to cancel their large gathering events as well.

Lyon County does not have the authority, under NRS, to dictate to the tribes or cities to cancel or hold events. We have and will continue to work with these entities to establish and maintain compliance.

HOSPITAL CAPACITY

South Lyon Medical Center's Critical Access Hospital is licensed and staffed for 14 acute/skilled care beds. The facility also houses a 49 bed skilled nursing facility and three rural health clinics. The emergency department maintains 4 beds; however, the facility plans and remains prepared for a surge in accordance with our surge plan.

The facility does not have an intensive care unit nor does it have intubation respirators. Patients needing these emergent services are transferred to a larger facility capable of treating and maintaining patients with those medical conditions. The facility was not part of the federal distribution of the pharmaceutical Remdesivir and has not been able to obtain any.

According to our emergency disaster plans, Incident Command was enacted on March 6 and remains active. The command continues to meet at least weekly to provide updates on our current situation and discuss any challenges or concerns. Employee education is completed with online instruction, walk around observation with one to one training, department specific meetings, facility emails and two COVID boards posted in employee locations.

SLMC is currently able to maintain a supply of personal protective equipment capable of sustaining the present census for at least 30 days. The facility is working diligently to improve that supply for sustainability and in preparation of the annual flu season. SLMC utilizes the Battelle CCDC Processing to decontaminate our N95s, thereby extending their use.

SLMC has the ability to perform antibody testing and has applied to add antigen testing to its service line. The facility does have one testing platform that can perform the point in time testing; however, we do not currently have state consent and are awaiting approval before beginning the required 30 day proficiency testing. I would note that this testing will also be vulnerable to availability of the cartridges needed to perform the testing.

As of this rendering, SLMC has performed 346 tests, 2 were lost, 12 were positive, representing 9 individuals, 324 were negative and 3 are pending.

SLMC has limited access to current viral testing supplies and continues to only test symptomatic patients, referring others to the QUAD County COVID hotline. Challenges in testing include limited access to supplies and extended time in obtaining test results. Without immediate access to results, providers will treat suspect patients as confirmed until a test result is received.

SLMC has one staff member trained and qualified as a trace investigator, having completed the state instruction. We have used this process to trace possible exposures within our facility when treating a COVID positive patient. Because confirmatory results can take several days, this is imperative in following our inhouse work force policies requiring monitoring of all staff with a possible contact. Although we have strict guidelines on use of personal protective equipment, any staff member with a possible contact receives additional monitoring for a 14 day period.

SLMC does not currently have the capacity to perform weekly testing in its long term care facility; however, we are testing at least monthly. We have enacted strict infection control processes that have not been reduced since May. Our last facility wide testing in mid-August confirmed all residents remain negative. We have strict strategies including the screening of all employees and residents, no in person visitation, severe social distancing and limiting employee access. We continue to require masks and face shields at all times in all patient or resident care areas.

SLMC works closely with several state agencies to stay current on newest training, regulatory changes, federal guidance and best practice strategies. We also remain flexible in our policies and procedures to ensure immediate change or action when needed.

Should you need additional information or have questions, please do not hesitate to contact me. I have included a small representation of our policies and procedures for your review.

ACCESS TO PERSONAL PROTECTIVE EQUIPMENT

Lyon County has stored significant PPE for employee use. All employees are required to wear masks/face coverings while working with the public or in public areas. Customer counters have been retrofitted with Plexiglas screening throughout County offices. The County distributes PPE and sanitation equipment to those classifications that have the greatest risk of coming in contact with the public (First responders & administrative staff). Lyon County maintains an inventory on PPE and has had success with ordering and receiving supplies from Vendors.

CITY OF FERNLEY

The City of Fernley provided the following information

COF Facility PPE Stock

Below is a current list of PPE within the City of Fernley organization. This list is divided by City facility.

- **City Hall**

Face Masks:

450

Nitrile Gloves:

200 pairs

Hand Sanitizer:

(80) six-quart bottles

Sanitizing Wipes:

(48) containers (each container contains 50 wipes)

Cleaning/Sanitizing Chemicals:

(24) one-gallon bottles

Sanitizing Machines:

(2) Chemical misters

(1) O3 generators

- **Cottonwood Corporate Yard**

Face Masks:

100

Nitrile Gloves:

100 pairs

Hand Sanitizer:

(30) six-quart bottles

Sanitizing Wipes:

10 containers (each container contains 50 wipes)

Cleaning/Sanitizing Chemicals:

(5) one-gallon containers

Sanitizing Machines:

(1) O3 Generator

- **Water Treatment Facility**

Face Masks:

100

Nitrile Gloves:

50 pairs

Hand Sanitizer:

(10) 6-quart bottles

Sanitizing Wipes:

10 containers (each container contains 50 wipes)

Cleaning/Sanitizing Chemicals:

(5) one-gallon containers

Sanitizing Machines:

(1) O3 generator

- **Wastewater Treatment Facility**

Masks:

120

Nitrile Gloves:

150 Pairs

Hand Sanitizer:

(30) 6-quart bottles

Sanitizing Wipes:

10 Containers (each container contains 50 wipes)

Cleaning/Sanitizing chemicals:

(10) one-gallon containers

Sanitizing Machines:

(1) O3 generator

CITY OF YERINGTON

The City currently has an inventory of 20 Tyvek suits and sets of booties along with several cases of gloves. Ten cases of face shields and masks have been ordered with delivery any day.

CENTRAL LYON COUNTY FIRE PROTECTION DISTRICT

Although our consumption of PPE is up significantly (over 100%) as a result of the COVID-19 pandemic, Central Lyon Fire continues to have good access to and availability of Personal Protective Equipment (PPE) for our firefighters and EMS personnel. Our Monthly COVID EMS PPE Log (September Copy Attached) shows our EMS Warehouse

with 953 N95 Masks, 156 Gowns, 296 Eye Glasses, and 400 Surgical/Dust Masks. This is in addition to daily/weekly PPE supplies at each of our 7 Fire Stations and on individual apparatus. At our current “burn rate” we have 2-3 months of PPE on hand.

We had some early concerns about PPE availability and projecting burn rates and actively searched out new supplies, but at this point PPE seems to be readily available through our regular EMS supply vendors and we have gone back to ordering as needed.

The second biggest impact of COVID-19 has been time, and cleaning supplies. It takes longer to deep clean and disinfect our apparatus and equipment after every call. “Wash in – Wash out” guidelines to protect employees and their family’s health require uniforms be washed after every call and we have added one piece coveralls to ensure there are clean uniforms available for the next run. Sterile shift changes, a mini haz-mat decontamination line to enter/exit the living quarters, and other preventative measures have us burning cleaning supplies, and time, at rates not seen in the past.

Central Lyon Fire is a willing and able partner with Lyon County on the Road to Recovery: Moving to a new normal.

MASON VALLEY FIRE PROTECTION DISTRICT

Describe the status of PPE on-hand (in local reserve) and on order.

Our PPE levels are adequate for our call volume. We have had no issues with our supply chain.

- N95 masks 810
- Surgical masks - 600
- Gloves S, M, L,- 30 + boxes
- Gloves xl, XXL- 12 boxes

Describe the county’s distribution priorities.

Each Fire District is responsible for their supplies. If special needs are determined, the request will go through EM- to DEM.

Describe your current assessment of overall PPE and metrics that will be used to determine additional emergency measures.

We keep a weekly PPE burn rate, and have an individual assigned to PPE accountability to monitor use. Based on the several months of PPE use, I do not foresee and drastic changes.

NORTH LYON COUNTY FIRE PROTECTION DISTRICT

NO REPORT SUBMITTED TO THE COUNTY

SMITH VALLEY FIRE PROTECTION DISTRICT

NO REPORT SUBMITTED TO THE COUNTY

TESTING CAPACITY

Quad-County residents experiencing symptoms of COVID-19 are the top testing priority. Residents showing symptoms are asked to call the COVID hotline Monday through Friday, 8:30 a.m. to 4:30 p.m. to be scheduled for testing. Symptoms could range from mild symptoms to severe illness. Symptoms may appear **2-14 days after exposure to the virus**. People with the following symptoms may have COVID-19:

- Fever or chills
- Cough
- Shortness of breath or difficulty breathing
- Fatigue
- Muscle or body aches
- Headache
- New loss of taste or smell
- Sore throat
- Congestion or runny nose
- Nausea or vomiting
- Diarrhea

This list is not all inclusive and there could be more symptoms not listed here. Individuals experiencing any one of these symptoms are prioritized for same-day testing. On days where the call center has received a higher volume of calls, staffing capabilities are shifted to be able to double book appointments and bring in a second nurse. For individuals not experiencing symptoms, individuals that are a close contact of a positive case are prioritized followed by individuals who have had an exposure (i.e. workplace).

CCHHS uses the following criteria to prioritize testing needs:

Has there been any exposure to someone with COVID-19?

- Did the individual have close contact (within 6 feet of an infected person for at least 15 minutes) with an individual with confirmed COVID-19?
- Does the individual live in the same household as an individual in isolation or sick with COVID-19/ COVID-19-like symptoms?

The final priority is any Quad-County residents who are not experiencing any symptoms of COVID-19 and just want to be tested. Those individuals will be put on a list for testing and will be contacted as spots become available.

CCHHS Overview of people being tested and efforts:

The average number of symptomatic people tested each day at CCHHS during the August 5-August 18 dates was 18. The average asymptomatic number tested per day is 8. These numbers are based on the number of people calling the call center or being

referred to the call center for testing. The average number of tests being conducted per week is 120, the average sometimes varies based on staffing variability and call center volume. CCHHS works with the Lyon County Community Health Nurses to also test residents in Lyon County that would prefer to be tested at the CHN sites in either Dayton, Fernley or Yerington. The CHN's tested nine people during the August 5-18 date range.

Community partners (LTC/SNF, Healthcare, School districts, Casinos, Large medical groups):

- Testing criteria
- Average number of testing each day/week
- Other efforts

Agency	Testing Criteria	Average # tested daily/week	Number tested since onset of COVID	Educational outreach or other
South Lyon Medical Center (Yerington)	August 2 thru August 8 67 Tests Performed 2 Symptomatic			
South Lyon Skilled Nursing (Yerington)	65 Asymptomatic 1 Positive 58 Pending 7 Negative 1 Test Sample Leaked – unable to result August 9 thru August 15 157 Tests Performed 156 Individuals Tested 6 Positive Tests 2 Symptomatic 3 Asymptomatic (1 person tested twice positive) 44 Pending August 16 thru August 22 1 Test 1 Pending 1 Symptomatic			
Mason Valley Residence (Yerington)	Tested during the first phase required by DPBH and has not tested since.	May 27 th	26 People	CCHHS provided information and training including a training video
Golden Years Castle Home (Fernley)	Tested during the first phase required by DPBH and then again in July.	May 20 July 24	22 People 15 People	CCHHS provided information and training including a training video
Banner Health Center (Fernley)	Have not returned any information			

Current CCHHS testing efforts for our high-risk community members and outbreak intervention:

CCHHS spent two months testing at various Quad-County locations for the homeless and vulnerable populations. CCHHS would average 2-6 people at each location and the focus was those that were not able to get to the health department or had no means of transportation.

CCHHS has been working with most of our long-term care, skilled nursing and group home partners to assist them with testing their residents, staff or patients. This may include preparing forms, labels, entering current list of individuals being tested into spreadsheets, order and gather test kits, as well as doing online or in person training based on the needs. CCHHS has several agencies that have been testing monthly. Once the tests are completed, the facility brings them to CCHHS and CCHHS couriers the samples daily. Currently, CCHHS uses the Nevada State Public Health Lab for all lab samples. CCHHS then provides call backs and emails on the results of the samples as well as sending electronic and physical lab results to the individual overseeing the testing. CCHHS speaks to the partners multiple times a day. When a positive or inquiry arises, CCHHS always steers the agency into the right direction which may include speaking with one of the epidemiologists and referral to the State contact.

Overview of targeted testing efforts for high-risk communities, outbreak intervention, and other efforts.

Testing processes were expanded to include vulnerable populations with the procurement of a rapid testing machine (Abbott) in May 2020. Prior to this procurement, this population was expected to go through the normal testing scheduling. Required steps were initiated to add this point of care test to CCHHS' CLIA license and well as the State of Nevada exempt lab certification process. CCHHS Clinical Services Manager and staff received training from the assigned ABBOT representative, reviewed training videos, and demonstrated competency. Testing and quality assurance policies and procedures were developed and reviewed and signed off by nursing staff. The identified use of the point of care test was vulnerable populations to include homeless and first responders. Simultaneously, steps were taken to reach out to social service providers to identify and set up testing sites in the Quad County region for testing of vulnerable populations. A pilot was initiated for June 2020 to test at commodity distribution points and free medical clinic staffed by volunteers in the Tri-county region of Carson City, Douglas County and Lyon County.

Overview of Community Based Testing (CBT) in Lyon County.

Since the onset of COVID CCHHS has been conducting CBT events throughout the different towns in Lyon County to include Fernley, Dayton, Silver Springs and Yerington. The events are rotated through the areas each month and have been conducted bi-monthly. The average testing number for all those events have been 75. These events will continue to happen and be combined with flu vaccinations come October.

CASE INVESTIGATION AND CONTACT TRACING

Overview of case investigation and contact tracing workforce

Upon receipt of a positive laboratory result through Nevada NBS, Nevada State fax notification, or hospital records, the case investigator collects and verifies contact information. The ordering facility is contacted to gather missing patient contact information. The laboratory results are sent to a contact tracer supervisor. A contact tracer supervisor assigns laboratory results to contact tracers who make the initial contact via telephone. When the patient is successfully contacted, a full case investigation is conducted, and assigned a case number. The contact tracer creates a case file, and sends the case their Quarantine Rights and Responsibilities, a legal documentation consent form generated by Carson City Health and Human Services. All cases identified as out of jurisdiction and out of state are sent to their residing jurisdiction health department. Facilities are responsible for notifying their patients of their COVID laboratory results. If patients test positive for COVID-19, it is the facility's responsibility to inform the patient that they must quarantine, and their local health department will be in contact with them. Carson City Health and Human Services prioritizes patients that have tested at their facility and any facility events when notifying patients of their positive results. Case reports are sent to the Quad-County Epidemiologist, Quad-County Statistician, Information Officer, and Quad-County Public Health Preparedness Manager. A contact tracer supervisor is always on staff. Beginning July 31, 2020 to August 15, 2020, (2) contact tracers are staffed Monday through Friday, and (1) staffed on Saturday and Sunday. Beginning, August 16, 2020, to August 29, 2020, (3) contact tracers are staffed Monday through Friday, and (1) staffed on Saturday and Sunday.

Table1. Contact tracing workforce overview

	Case Investigator and Contact Tracers		
	July 16-July 30	July 31-Aug. 15	Aug. 16-Aug. 29
Monday- Friday			
Supervisors	1	1	1
Contact tracers	1	2	3
Saturday- Sunday			
Supervisors	1	1	1
Contact tracers	1	1	1

Quad-County reported cases are monitored daily by the National Guard, contact tracers or volunteers. Data including the case's signs and symptoms, relocation of isolation, hospitalization admissions and/or discharge information, and any household needs is collected and documented. Cases meeting the Center for Disease Control and Prevention (CDC) guidelines are submitted to be reviewed by a contact tracer supervisor. If all CDC COVID-19 release from isolation criteria are met, the supervisor

releases the case from isolation. Difficult cases are reviewed and released by the epidemiologist. Recovered cases are reported to Quad-County Epidemiologist, Quad-County Statistician, Information Officer, and Quad-County Public Health Preparedness Manager. Monitoring of cases from July 31, 2020 to August 15, 2020, was conducted by (1) contract tracer or (1) volunteer Monday through Friday. Contact tracers monitored cases Saturday and Sunday. Monitoring of cases from August 16, 2020 to August 29, 2020 are conducted by (1-2) volunteers or (1) National Guard member Monday through Friday. Upon finishing monitoring cases, contact tracers assist with case investigations. One National Guard member or (1) contact tracer monitors cases Saturday and Sunday.

Table 2. Case monitoring workforce overview

	Case Monitors		
	July 16-July 30	July 31-Aug 15	Aug. 16-Aug. 29
Monday-Friday			
National Guard	1	0	1
Volunteers	1	1	1-2
Contact tracers	0	1	0
Saturday-Sunday			
National Guard	1	0	1
Volunteers	0	0	0
Contact tracers	1	1	1

Direct contacts named by cases are documented and reported to Deloitte daily. It is Deloitte's standard operational procedures to contact people named as direct contacts within 24 hours of receiving the report.

Carson City Health and Human Services has hired a Contact Tracing Supervisor who will be starting August 8, 2020. Carson City Health and Human Services will be hiring 1 contact tracer through the CDC Foundation by Aug. 31, 2020. Additionally, Carson City Health and Human Services will be hiring an administration personnel by Aug. 31, 2020 through December 31, 2020 to assist with data entry.

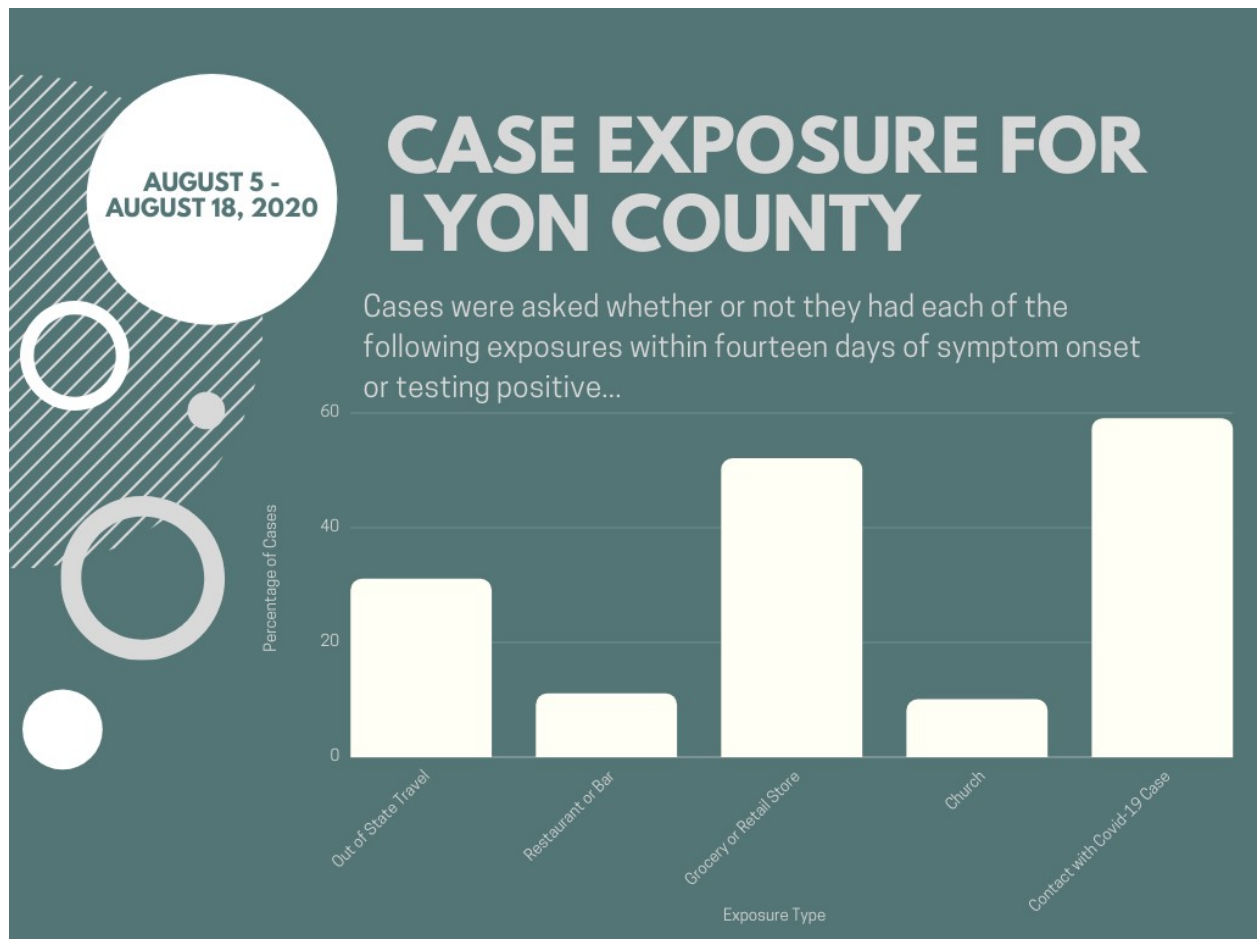
Percent Positive Cases

Upon receipt of a positive laboratory result, the disease investigator begins collecting and validating contact information. Many of the laboratory results arrive without the information necessary to begin the case investigation. When data is missing, the ordering facility is contacted for each case to gather this information, included by not limited to phone number and zip code. This often delays the investigation process by approximately one day. Once contact information is received and added, the laboratory result is sent to the contact tracing supervisors. Case investigation data from August 5-18, 2020 was analyzed to determine the length of time between receiving the positive laboratory result and attempted contact of the case. During this 14-day period, 18% of

cases were contacted within 24 hours and 68% were contacted within 48 hours of receiving a positive laboratory result.

Overview of contact tracing findings suggesting high risk areas

Case investigation data from August 5, 2020 to August 18, 2020 was analyzed in order to identify common exposures among Lyon County residents that tested positive for Covid-19 (Graph 1). Sixty-one cases provided detailed accounts of their exposures fourteen days prior to the onset of symptoms or a positive test result. Of those sixty-one cases, many had multiple exposures. The graph below shows the percentage of respondents that said “yes” to each of the exposure categories.



Graph 1: Common Exposures Among Covid-19 Cases in Lyon County from August 5 – August 18, 2020

Of the sixty-one respondents, the three most common exposures were contact with a COVID-19 case, visiting a grocery or retail store, and travel to another state. Among cases that provided detailed exposure data, 59% reported contact with a known Covid-19 case (N=36). Among those Covid-19 contacts, 56% were reported as Household (N=20), and the remaining were reported as Community Associated (work, community events, public gatherings, grocery or retail stores). There were no contacts or exposures reported as related to healthcare workers or skilled nursing facilities. The only other statistically significant exposures were grocery stores (52%, N=31) and out of state travel (31%, N=19). Of those who visited grocery stores prior to testing positive, there

was a broad distribution of the type and location of stores. Of those who traveled out of state, 50% visited California (N=9). Some cases reported not wearing masks or maintaining appropriate social distance while out in public. At least ten cases were exposed to household members who had previously contracted Covid-19. Additionally, there was a seven-member household in which four individuals had already tested positive.

Lyon is comprised of several unincorporated communities, including Dayton, Silver Springs, and Stagecoach, and two incorporated cities, Fernley and Yerington. The two incorporated cities, Fernley and Yerington, accounted for fifty-one percent of Covid-positive cases from August 5-18, 2020. Thirty-four percent of cases during this period are residents of Dayton. The remaining cases are residents of Silver Springs, Stagecoach, and Mound House.

PROTECTION OF VULNERABLE POPULATIONS

OVERVIEW OF INTERVENTION IN SKILLED NURSING FACILITIES

Lyon County has limited authority over private facilities. Lyon County has the ability to suspend or revoke a business license or conditional use permit for those facilities in unincorporated Lyon County. The majority of these facilities are within the jurisdiction of Fernley or Yerington. Lyon County has not observed or been made aware of non-compliance at any of these facilities.

OVERVIEW OF EFFORTS AND INTERVENTIONS IN CORRECTIONAL FACILITIES

Lyon County Sheriff's Office Detention Facility Covid 19 procedures:

- Individuals are brought into the facility from a number of different agencies besides our own department. Mask are available for all incoming individuals, staff, outside Law Enforcement and inmates.
- During intake the arriving individuals temperature is taken by either detention staff or contracted medical personnel. If an elevated temperature is recorded they are placed in a separate holding cell to be further evaluated by contracted medical personnel. If there is not an elevated temperature the arrestee is move forward in the booking process. Once the temperature check has been completed our contracted medical staff completes the Covid 19 screening questionnaire along with our standard medical screening questions. Depending on the answers received the arrestee will either be moved forward in the booking process or referred out for additional medical.
- If an individual is positive Covid 19 from our presumptive screening they will be taken to the local hospital for further evaluation.
- Inmates who are cleared for booking, show no signs or symptoms and do not have a history are typically housed in a temporary holding cell for as long as possible before they are completely booked and moved to general housing. This is the period of time they can be directly observed by staff.
- Holding areas and all cells in general housing are cleaned a minimum of at least once a day.
- Hand sanitizer and masks are made readily available to all staff.
- Employees have been directed to stay home if they develop any signs or symptoms of being ill. They have also been directed to work very closely with Lyon County Human Resources if any Covid 19 concerns come up.

To date we have not had any confirmed cases inside the detention facility either with staff or inmates.

OVERVIEW OF EFFORTS AND INTERVENTIONS IN HIGH-RISK COMMUNITIES:

Lyon County has a significant over 65 population, youth population, Hispanic population and Native American population. Lyon County has received no communication from the tribe since the State's Declaration of Emergency. The County is communicating and working with the agricultural producers to ensure communication and compliance and the County has been notified that this community has provided the Nevada Department of Agriculture with their COVID-19 Plans. Lyon County Human Services has been diligent in communicating with the senior population, providing drive up meals and ensuring they understand the issues surrounding COVID-19. Lyon County has reviewed and supported the Boys and Girls Club of Mason Valley (Services provided to Yerington, Silver Springs and Dayton and the Lyon County School District with their planning and compliance efforts.

ENFORCEMENT

LYON COUNTY

County Agencies engaged in enforcement:

Lyon County Community Development-Code Enforcement
Lyon County Sheriff's Office
Lyon County Board of Health

Observations and compliance rates

Lyon County has not assigned staff to observe the public, businesses or places of worship. Lyon County has eight separate communities and covers 2100 square miles. It is difficult for a single code enforcement officer to conduct observation and address compliance. Complaints about businesses and industries not complying are forwarded to Nevada OSHA

August 19, 2020 Lyon County and Nevada OSHA conducted a conference call. Lyon County was represented by the County Manager, Sheriff and Undersheriff. Nevada OSHA was represented by the Director and Chief Investigator. The purpose of the call was to better understand OSHA's processes and determine how the County could be of better assistance. The processes and practices of OSHA were electronically sent to the three Chambers of Commerce and NNDA with a request for the information to be sent to their respective memberships.

Lyon County staff have reported that social distancing and wearing of face coverings appears to be being followed in businesses. Many staff members have provide reports of businesses getting after customers not wearing masks.

Dayton Area Chamber of Commerce, Northern Nevada Development Authority and The Nevada Builders Alliance have done numerous email blast to their constituents about compliance.

During the period in question Lyon County has taken no enforcement action. Since March Lyon County had notified 4 businesses of compliance issues and advised that business licenses could be suspended or revoked. Those businesses have complied.

CITY OF FERNLEY

Overview of city agencies engaged in enforcement.

The City of Fernley does not have any agencies actively engaged in enforcement.

Overview of the number observations conducted by city enforcement officials.

Enforcement is conducted on a complaint basis only. The City of Fernley has not received any COVID-19 related complaints since July 7, 2020.

Overview of the number of violations and enforcement actions taken by city officials.

On July 7, 2020, City Clerk's office reached out to the company that was the complaint was filed against and provided verbal guidance on the Governor's directives.

Overview of compliance rates during city observations.

No businesses within the City of Fernley have been observed not following the Governor's directives.

CITY OF YERINGTON

Overview of city agencies engaged in enforcement

The City has designated the Yerington Police Department, and its force of six sworn officers, as the initial point of observation and enforcement of COVID-19 directives upon notification or observation of alleged violations, police officers will investigate the incident(s) and provide educational advice on personal and societal protective measures as well as giving warnings if appropriate. The City's Administrative Department maintains overall direction of observation, enforcement, and a point of contact for any concerns or alleged violations from the public.

Overview of the number of observations conducted by enforcement officials

The City continues to monitor, as time permits, potential violations with an emphasis on educating individuals or businesses on maintaining safe and responsible actions to the pandemic. To date, the City has observed approximately a dozen potential violations. Since the police force is understrength by 25%, a more active observation/enforcement approach is challenging. Fortunately, it appears businesses and individuals are complying with the directives.

Overview of the number of violations and enforcement actions taken by city officials

The City has investigated three incidents of potential violations. One involved a local church which was conducting services during the initial phase of the Governor's directive on gathering of groups. The congregation was reminded on social distancing protocols. The second incident involved a business and an employee who tested positive with the matter resolved successfully. The third one involved a patron of a local restaurant who coughed intentionally on another customer and the patron counseled on directive guidelines on covering a cough and social distancing.

Overview of compliance rates during city observations

Based upon the number of observations/violations the City has a compliance rate of 84%.

COUNTY ACTION PLAN

COMMUNITY EDUCATION

The Carson City Health and Human Services Public Information Officer (PIO) is responsible for creating community education materials, monitoring social media, and ensuring messaging aligns with the Governor's directives and the needs of the community. Through social media analytics and reports, the PIO can determine how the community is responding to various topics, what questions they have, and what misinformation needs to be addressed. Using this information, the PIO develops messaging plans and content to educate the community. To ensure a cohesive, unified message between CCHHS and the state, the PIO participates in weekly Statewide PIO phone calls. These calls allow PIO partners across the state to share pertinent information, their messaging plans for the week, and any messaging or support needed by the state. Collaborating and sharing information with state partners ensures that the messaging aligns across the state and with the Governor's Directives.

Recently, CCHHS has focused on educating the community on contact tracing. Social media messaging and content was created to teach community members about what contact tracing is, what it involves, why it is done, and how it can slow the spread of infectious diseases such as COVID-19. The main aim of the contact tracing educational campaign was to encourage the community members to answer the call and follow the directions provided by the health authority. This would ultimately reduce the number of contacts lost to follow up. Other CCHHS community education highlighted cloth face coverings; how to wear them, how to create your own, how to remove and clean them, and how cloth face coverings work to slow the spread of COVID-19.

Lyon County will maintain a strong public affairs campaign on our social media sites as well as local media. We will continue to inform our health care and first responder partners of updates on best practices and work with them to implement.

COLLABORATION WITH LOCAL GOVERNMENTS

Lyon County will continue to work with our cities, special districts and tribes to ensure a strong public outreach, testing information and compliance processes for businesses and events.

COLLABORATION WITH STATE REGULATORS

Lyon County will continue to support state regulatory agencies (OSHA, NDEP, Health, etc.) with compliance efforts throughout the County.

INTERNAL OPERATIONS

Lyon County has and will continue to enforce the directives within the County organization to ensure the wellbeing of our employees and the public that they serve.

ENFORCEMENT

Lyon County has authority over business licenses, conditional use permits and uses of county property. Lyon County will continue to monitor violations of directives and if necessary follow due process to restrict these authorities if necessary.

RESOURCES

Lyon County has and will continue to address PPE and other applicable resource requests following the protocol established by NDEM and CCHHS. Currently we are not asking for any resources or assistance from the State of Nevada or the federal government.