



Memorandum

Date: November 8, 2021

To: Southern Nevada District Board of Health

From: **Cassius Lockett, PhD, Director of Disease Surveillance & Control** *CL*
Fermin Leguen, MD, MPH, District Health Officer *FL*

Subject: Disease Surveillance & Control Division Monthly Activity Report – October 2021

I. OFFICE OF EPIDEMIOLOGY AND DISEASE SURVEILLANCE (OEDS)

A. Surveillance and Investigations

1. Number of Confirmed and Probable Cases of Selective Illnesses Reported

	Oct 2020	Oct 2021		FYTD 20-21	FYTD 21-22	
Sexually Transmitted						
Chlamydia	1168	947	↓	4629	3824	↓
Gonorrhea	602	475	↓	2214	2213	↓
Primary Syphilis	17	9	↓	75	83	↑
Secondary Syphilis	41	22	↓	133	120	↓
Early Non-Primary, Non-Secondary ¹	44	14	↓	135	183	↑
Syphilis Unknown Duration or Late ²	79	59	↓	323	382	↑
Congenital Syphilis (presumptive)	1	1	→	12	7	↓
Moms and Babies Surveillance						
HIV Pregnant Cases	1	0	↓	11	3	↓
Syphilis Pregnant Cases	10	15	↑	43	76	↑
Perinatally Exposed to HIV	0	0	→	2	2	→
¹ Early Non-Primary, Non-Secondary= CDC changed the case definition from Early Latent Syphilis to Early Non-Primary, Non-Secondary ² Syphilis Unknown Duration or Late=CDC changed the case definition from Late Latent Syphilis to Syphilis Unknown Duration or Late						
Vaccine Preventable						
Haemophilus influenzae, invasive disease	0	0	→	8	9	↑
Hepatitis A	1	0	↓	15	1	↓
Hepatitis B, acute	2	1	↓	11	12	↑
Hepatitis B, chronic	41	34	↓	389	449	↑

	Oct 2020	Oct 2021		FYYTD 20-21	FYYTD 21-22	
Influenza	0	2	↑	864	49	↓
Pertussis	0	0	→	5	11	↑
Enteric Illness						
Campylobacteriosis	12	7	↓	104	107	↑
Giardiasis	1	7	↑	23	31	↑
Rotavirus	4	2	↓	19	24	↑
Salmonellosis	9	8	↓	111	124	↑
Shiga toxin-producing Escherichia coli (STEC)	2	0	↓	20	49	↑
Shigellosis	3	8	↑	44	64	↑
Other						
Coccidioidomycosis	13	10	↓	133	130	↓
Hepatitis C, acute	0	0	→	4	2	↓
Hepatitis C, chronic	326	252	↓	3618	2811	↓
Invasive Pneumococcal Disease	4	4	→	153	72	↓
Lead Poisoning	6	1	↓	80	77	↓
Legionellosis	2	1	↓	23	17	↓
Meningitis, aseptic	5	2	↓	60	27	↓
Meningitis, Bacterial Other	2	1	↓	16	8	↓
RSV	1	296	↑	1727	894	↓
Streptococcal Toxic Shock Syndrome (STSS)	1	0	↓	20	13	↓
New Active TB Cases Counted (<15 yo)	0	0	→	0	0	→
New Active TB Cases Counted (>= 15 yo)	0	0	→	4	0	↓

2. Number of Cases Investigated by ODS

Monthly DIIS Investigations CT/GC/Syphilis/HIV/TB	Contacts	Clusters ¹	Reactors/ Symptomatic/ Xray ²	OOJ/ FUP ³
Chlamydia	36	0	61	0
Gonorrhea	27	0	92	0
Syphilis	57	2	181	1
HIV/AIDS (New to Care/Returning to Care)	18	2	32	0
Tuberculosis	25	0	9	0
TOTAL	163	4	375	1

¹ Clusters= Investigations initiated on named clusters (clusters= named contacts who are not sex or needle sharing partners to the index patient)

² Reactors/Symptomatic= Investigations initiated from positive labs or reported symptoms

³ OOJ= Investigations initiated Out of Jurisdiction reactors/partners/clusters;

Fup= Investigations initiated to follow up on previous reactors, partners, or clusters

Monthly DIIS Investigations Other Communicable Diseases				
Confirmed Case (Clinical and Lab Required)	Confirmed Case (Lab Only)	Full Investigation	OOJ with Investigation	OOJ without Investigation
67	50	43	3	0

3. Disease and Outbreak Investigations

2019 Novel Coronavirus (COVID-19): As of October 31, Clark County had 322,660 cases, 5,977 deaths, and 90 cases of MIS-C (Multisystem Inflammatory Syndrome in Children). The Health District continues to utilize the Incident Command System to expand our efforts in COVID-19 response and gain access to additional staffing and resources. The Health District continues to meet with Clark County emergency managers, Fire, EMS, School Officials, hospital emergency response and infection control staff to communicate the current response and plan for continued partnership. The Office of Disease Surveillance (ODS) at the SNHD is receiving and following up on reports of confirmed illness, conducting disease investigations, contact tracing, and working with local medical providers to determine levels of risk and recommended actions for anyone who may be ill or exposed. ODS is making recommendations of isolation and quarantine for individuals that are diagnosed with COVID-19 or have been identified as exposed to someone with COVID-19. Currently the SNHD has contact tracers including staff from SNHD, CSAA and other partnering agencies responding to reports of positive cases and maintain community testing sites, and strike teams for testing. This is an ongoing response effort.

4. Non-communicable Reports and Updates

- a. Naloxone Training: The Substance Abuse and Mental Health Services Administration (SAMHSA) Center for Substance Abuse Prevention (CSAP) awarded SNHD with the First Responders-Comprehensive Addiction and Recovery Act (FR-CARA) grant in September of 2017. The purpose of this 4-year FR-CARA grant is to train and distribute naloxone to first responders and members of other key community sectors throughout Nevada to better respond to the large-scale burden of opioid overdoses. Trainings continue in Nye County communities, Tonopah, and numerous first responder, medical, and treatment organizations. ODS has implemented a policy for SNHD staff to carry and administer Naloxone. ODS has also been given permission at the Clark County Detention Center to place Naloxone in a person's property at the facility.

The following Naloxone trainings/distributions have taken place in the month of October:

- 10/05/21: SNHD – OPHP (24 kits distributed)
- 10/07/21: Nye Communities Coalition (144 kits distributed)
- 10/08/21: FFR (96 kits distributed)
- 10/19/21: Bridge Counseling (96 kits distributed)
- 10/21/21: SNHD – OEDS (30 kits distributed)

10/21/21: LVMPD – EDC (192 kits distributed)
10/21/21: SNHD – OEDS (48 kits distributed)
10/22/21: Riverside Casino (24 kits distributed)
10/22/21: UNLV (72 kits distributed)
10/22/21: Catholic Charities (24 kits distributed)
10/22/21: SNHD – OEDS – L2A Team (96 kits distributed)

- b. Overdose Data to Action Grant (ODTA): The ODTA team has been creating materials and a video demonstrating how to use the fentanyl test strips. This training will be used for both internal and external stakeholders to ensure those providing test strips in the community provide education around the proper use of fentanyl test strips. The L2A team has been reaching out to community partners in rural Clark County to identify locations within areas such as Mesquite and Boulder City where mobile services would be best utilized. These conversations are in the planning phase with the goal to provide substance use linkage services at least quarterly to identified sites. The L2A team recently participated in North Las Vegas' first pop up mobile support services for the homeless and housing challenged within their city limits. The L2A team will be participating in this effort on a monthly basis going forward.

B. Prevention - Community Outreach/Provider Outreach/Education

Ongoing promotion of Collect2Protect (C2P) online service for those requesting testing for gonorrhea, chlamydia, and HOME HIV test kits. ODS continues to work with OOC to help promote C2P on SNHD web sites, social media and with the help of community partners. Promotion continues with the RTC Collect 2 Protect campaign for bus wraps and bus stop shelters. We are hopeful this will create awareness and increase testing. In addition, we are still contracting with an organization to help promote PrEP/PEP and condom distribution on dating apps specific to MSM via digital ads. This month we also contracted with Brain Trust, a local marketing and advertising company, to promote Collect 2 Protect, PrEP/PEP and condom distribution with a statewide approach. This month the National Latino AIDS Awareness Day event scheduled for October 15th was cancelled due to the site host. The event has been rescheduled for November.

The Center, Huntridge Family Clinic and AHF continue to offer ongoing HIV/STD, PrEP/PEP, and rapid stART services to the community. This month ODS staff met with Henderson Equality to help support their HIV Prevention efforts. We are currently establishing a MOU so we can begin collaborative work with the LGBTQ community in Henderson.

Express Testing in SHC/Annex A services continues to do well. Walk in Services have resumed making it much easier for the community to access services with limited barriers. Outreach events this month include Hawks Gym and Fun Hog Ranch Bar. Both events are ongoing monthly targeting MSM. HIV and syphilis testing are offered along with information on PrEP/PEP and condoms. ODS staff work with the managers of the businesses to help promote prior to the outreach event.

C. High Impact HIV/STD/Hepatitis Screening Sites

Testing is currently being offered at Trac-B for HIV and Hep C. Also, The Center is offering screenings for HIV, Hep C, Gonorrhea, Chlamydia and Syphilis to the community Mon-Thurs from 1pm-5pm and every Saturday from 9am-2pm. AHF is also offering HIV and STD screenings at their Wellness clinic locations on Mondays, Wednesdays, and Fridays, and on their MTU.

Office of Disease Surveillance- HIV Prevention Screening/Testing Efforts						
Prevention - SNHD HIV Testing	Oct-20	Oct-21		FY 20-21	FY 21-22	
Outreach/Targeted Testing	875	571	↓	2533	3482	↑
Clinic Screening (SHC/FPC/TB)	460	359	↓	1130	1001	↓
Outreach Screening (Jails, SAPTA)	106	43	↓	151	222	↑
TOTAL	1441	973	↓	3814	4705	↑
Outreach/Targeted Testing POSITIVE	5	2	↓	14	30	↑
Clinic Screening (SHC/FPC/TB) POSITIVE	2	0	↓	3	5	↑
Outreach Screening (Jails, SAPTA) POSITIVE	1	2	↑	1	3	↑
TOTAL POSITIVES	8	4	↓	18	38	↑

D. Staff Facilitated/Attended the following Trainings/Presentations

- 10/01/2021: "8th Biennial Trauma Conference Addressing Trauma Across the Lifespan: Strategies for Managing Concurrent Pandemics" hosted by the Kennedy Krieger Institute attended by ODS Health Educator Staff; ~200 people in attendance; 1 SNHD ODS staff attendee.
- 10/05/2021: PrEP Navigator training attended by ODS Health Educator Staff; 2 SNHD ODS staff attendees.
- 10/07/2021: SNHD OEDS Public Health Vending Machine presentation for Caliente City Council Town Hall facilitated by ODS Health Educator Staff; ~60 people in attendance; 1 SNHD ODS staff attendee.
- 10/12/2021: "SafeTALK Suicide Prevention" training facilitated by 2 ODS Health Educator Staff; 9 people in attendance; 1 SNHD ODS staff attendee.
- 10/13/2021: Congenital Syphilis panel for UNLV School of Nursing organized by ODS Health Educator Staff; 5 SNHD ODS staff attendees.
- 10/14/2021: Harm Reduction 101-Understanding the Basics of Harm Reduction Training facilitated by 2 ODS Health Educator Staff; 14 people in attendance; 2 SNHD ODS staff attendees.
- 10/19/2021: Child Death Review (CDR) Board virtual meeting attended by ODS Health Educator Staff as a representative; ~40 people in attendance from multiple agencies; 2 SNHD ODS staff attendees.
- 10/19/2021: Public Health Detailing for UMC Wellness staff regarding changes to the law regarding HIV/STI testing (SB 211) and changes to the morbidity reporting form facilitated by ODS Health Educator Staff; 2 people in attendance; 1 SNHD ODS staff attendee.
- 10/20/2021: Congenital Syphilis, Morbidity and Mortality Form, and Communicable Disease Changes to Nevada Law public health detailing for

- First Person Care Clinic providers facilitated by ODS Health Educator Staff; 4 UNLV School of Nursing Students in attendance; 1 SNHD ODS staff attendee.
10. 10/20/2021: Community Health Assessment (CHA) presentation for PACT Coalition monthly meeting facilitated by ODS Health Educator; ~40 people in attendance; 1 SNHD ODS staff attendee.
 11. 10/20/2021: "Adult Mental Health First Aid" training organized and facilitated by ODS Health Educator Staff and NAMI representative; 8 people in attendance; 1 SNHD staff attendee.
 12. 10/20/2021: "Unusual Botulism Outbreaks" training organized by University of Colorado Denver, 2 SNHD staff attendees.
 13. 10/21/2021: "SafeTALK Suicide Prevention" training facilitated by ODS Health Educator Staff; 7 people in attendance; 1 SNHD ODS staff attendee.
 14. 10/22/2021: Community Health Assessment (CHA) Priority Meeting hosted and facilitated by ODS Health Educator; ~95 people in attendance; 5 SNHD ODS staff attendees.
 15. 10/22/2021: Academic Health Department Joint Advisory Committee attended by ODS Health Educator Staff; ~5 people in attendance from UNLV School of Nursing, UNLV School of Medicine, and Roseman School of Nursing; 1 SNHD ODS staff attendee.
 16. 10/22/2021: Fast-Track Cities 2021 Conference Presentation facilitated by ODS Health Educator Staff; 1 SNHD ODS staff attendee.
 17. 10/25/2021: NaRCAD "Peer to Peer" Program discussion attended by ODS Health Educator Staff; 1 SNHD ODS staff attendee.
 18. 10/26/2021: "HIV/STIs" for the Center's Sexual Assault Advocacy Training facilitated by ODS Health Educator Staff; ~30 people in attendance; 1 SNHD ODS staff attendee.
 19. 10/26/2021: Congenital Syphilis, Morbidity and Mortality Form, and Communicable Disease Changes to Nevada Law public health detailing for Cambridge Family Health Center facilitated by ODS Health Educator Staff; 3 UNLV School of Nursing Students in attendance; 1 SNHD ODS staff attendee.
 20. 10/26/2021: Two iCircle Trainings facilitated by OEDS Health Educator Staff; 4 people in attendance; 1 SNHD ODS staff attendee.
 21. 10/27/2021: Nevada Opioid Response Calls facilitated by 3 ODS Health Educator Staff; ~25 people in attendance including representatives from ODTA partners, SOR, CASAT, and Attorney General's Office; 3 SNHD ODS staff attendees.
 22. 10/27/2021: Congenital Syphilis, Morbidity and Mortality Form, and Communicable Disease Changes to Nevada Law public health detailing for Women's Health Associations of Southern Nevada (WHASN Tenaya) facilitated by ODS Health Educator Staff; 4 UNLV School of Nursing Students in attendance; 1 SNHD ODS staff attendee.

E. Other

Communicable Disease Statistics: September 2021 disease statistics are attached (see Table 1).

II. COVID-19 AND DISASTER RELIEF

A. Contact Tracers – SNHD

Current Total: 53

30% of team working CSN (3 sites) outreach.

5% assisting SNHD in-house testing and vaccine efforts

Contact Tracers have been assigned to work out of CCSD COVID-19 Office for several weeks.

Remaining team focused on new cases coming in.

***Remaining Contact Tracers continue to work new cases as they come in, support CCSD, CCDC, Casinos, Las Vegas Professional sports team and other industries and community needs. ***

B. Contact Tracers – Contracted Service

AAA – 2 Teams – 100 ppl on original team and 150 ppl on the team dedicated to CCSD.

250 CT's total.

Contracted renewed for 100-person team

C. Case Load

SNHD TEAM AVG. – 154 cases per day

AAA TEAMS AVG. – 518 cases per day

Case load currently varies based on community numbers

D. Testing

CSN Sites, Kiosk and Mobile testing sites numbers have been down the last few weeks.

E. Grants

Reports being filed as required by the CDC for all grants.

Table 1



September 2021: Clark County Disease Statistics*

Disease	2019		2020		2021	
	September	YTD	September	YTD	September	YTD
VACCINE PREVENTABLE						
Haemophilus influenzae, invasive	1	18	0	8	1	8
Hepatitis A	5	95	1	14	0	1
Hepatitis B, acute	0	15	2	9	1	11
Hepatitis B, chronic	57	475	35	345	38	415
Influenza	11	836	0	864	3	47
Meningococcal disease (<i>N. meningitidis</i>)	0	1	0	1	0	0
Pertussis	1	38	0	5	0	10
SEXUALLY TRANSMITTED						
Chlamydia	1228	10560	1223	9874	883	9497
Gonorrhea	461	4084	600	4011	534	5376
Syphilis (Early non-primary, non-secondary)	33	307	39	277	48	489
Syphilis (Primary & Secondary)	61	483	56	474	45	558
CONGENITAL CONDITIONS						
Congenital Syphilis	3	26	2	30	2	23
Hepatitis C, Perinatal infection	0	2	0	0	0	3
ENTERICS						
Amebiasis	1	6	0	6	0	2
Campylobacteriosis	11	105	10	92	2	100
Cryptosporidiosis	5	12	0	9	2	13
Giardiasis	8	47	1	22	2	24
Rotavirus	5	53	1	15	0	22
Salmonellosis	18	114	18	102	11	116
Shiga toxin-producing <i>E. coli</i> (STEC)	3	28	2	18	5	49
Shigellosis	2	46	5	41	3	58
Vibriosis (Non-choleira <i>Vibrio</i> species infection)	2	4	0	3	0	2
Yersiniosis	0	3	0	4	0	8
OTHER						
Brucellosis	0	2	0	0	0	0
Coccidioidomycosis	10	71	17	120	12	120
Exposure, Chemical or Biological	2	9	0	0	0	2
Hepatitis C, acute	4	17	0	4	0	2
Hepatitis C, chronic	485	5008	358	3293	272	2562
Invasive Pneumococcal Disease	15	175	6	149	5	68
Lead Poisoning	8	111	5	74	7	76
Legionellosis	4	17	1	21	2	16
Listeriosis	0	5	0	1	0	0
Lyme Disease	2	12	0	3	0	10
Malaria	1	8	0	1	0	1
Meningitis, Aseptic	8	64	4	55	2	24
Meningitis, Bacterial Other	1	22	1	14	1	7
Meningitis, Fungal	1	4	0	3	0	4
Q Fever, acute	0	1	0	0	0	1
RSV	8	1987	2	1728	298	598
Rabies, exposure to a rabies susceptible animal	2	15	8	110	30	200
Spotted Fever Rickettsiosis	1	3	0	0	0	1
Streptococcal Toxic Shock Syndrome (STSS)	2	23	0	19	0	13

*The total number of cases presented in this report is subject to change due to possible delays in reporting and processing. Cases are counted based on CDC case definitions. HIV/AIDS/TB case counts are provided on a quarterly basis.

-Diseases not reported in the past two years or during the current reporting period are not included in this report.

--Hepatitis C, chronic, numbers have changed due to surveillance decisions within the Office of Epidemiology & Disease Surveillance.

---Monthly rates & monthly rate comparisons were removed from the Clark County Disease Statistics monthly report after July 2018 due to new data suppression rules adopted by the Office of Epidemiology & Disease Surveillance. Please see the Clark County Disease Statistics quarterly report for quarterly rates & quarterly rate comparisons.