



# Memorandum

**Date:** January 10, 2022

**To:** Southern Nevada District Board of Health

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

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

## I. OFFICE OF EPIDEMIOLOGY AND DISEASE SURVEILLANCE (OEDS)

### A. Surveillance and Investigations

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

	Nov 2020	Nov 2021		FYYTD 20-21	FYYTD 21-22	
<b>Sexually Transmitted</b>						
Chlamydia	1001	837	↓	5630	4731	↓
Gonorrhea	593	489	↓	2807	2775	↓
Primary Syphilis	25	7	↓	100	106	↑
Secondary Syphilis	34	17	↓	167	158	↓
Early Non-Primary, Non-Secondary <sup>1</sup>	37	12	↓	172	235	↑
Syphilis Unknown Duration or Late <sup>2</sup>	77	29	↓	400	498	↑
Congenital Syphilis (presumptive)	6	0	↓	18	10	↓
<b>Moms and Babies Surveillance</b>						
HIV Pregnant Cases	1	0	↓	12	3	↓
Syphilis Pregnant Cases	11	5	↓	54	87	↑
Perinatally Exposed to HIV	2	0	↓	4	3	↓
<sup>1</sup> Early Non-Primary, Non-Secondary= CDC changed the case definition from Early Latent Syphilis to Early Non-Primary, Non-Secondary <sup>2</sup> Syphilis Unknown Duration or Late=CDC changed the case definition from Late Latent Syphilis to Syphilis Unknown Duration or Late						
<b>Vaccine Preventable</b>						
Haemophilus influenzae, invasive disease	0	2	↑	8	12	↑
Hepatitis A	3	1	↓	18	2	↓
Hepatitis B, Acute	0	0	→	11	12	↑
Hepatitis B, Chronic	35	35	→	424	498	↑

	Nov 2020	Nov 2021		FYTD 20-21	FYTD 21-22	
Influenza	6	5	↓	870	54	↓
Pertussis	0	1	↑	5	16	↑
<b>Enteric Illness</b>						
Campylobacteriosis	11	3	↓	115	113	↓
Giardiasis	4	0	↓	27	36	↑
Rotavirus	2	2	→	21	28	↑
Salmonellosis	7	5	↓	118	135	↑
Shiga Toxin-producing Escherichia Coli (STEC)	2	1	↓	22	51	↑
Shigellosis	5	1	↓	49	65	↑
<b>Other</b>						
Coccidioidomycosis	17	9	↓	150	146	↓
Hepatitis C, Acute	0	0	→	4	2	↓
Hepatitis C, Chronic	261	205	↓	3879	3031	↓
Invasive Pneumococcal Disease	15	8	↓	170	96	↓
Lead Poisoning	6	6	→	86	86	→
Legionellosis	1	1	→	24	20	↓
Meningitis, Aseptic	3	1	↓	63	29	↓
Meningitis, Bacterial Other	7	2	↓	23	11	↓
RSV	2	450	↑	1729	1441	↓
Streptococcal Toxic Shock Syndrome (STSS)	0	1	↑	20	18	↓
New Active TB Cases Counted (<15 yo)		0	→	0	0	→
New Active TB Cases Counted (>= 15 yo)		0	→	4	0	↓

## 2. Number of Cases Investigated by ODS

Monthly DIIS Investigations CT/GC/Syphilis/HIV/TB	Contacts	Clusters <sup>1</sup>	Reactors/ Symptomatic/ Xray <sup>2</sup>	OOJ/ FUP <sup>3</sup>
Chlamydia	42	1	60	0
Gonorrhea	42	1	114	0
Syphilis	91	3	159	1
HIV/AIDS (New to Care/Returning to Care)	31	0	31	0
Tuberculosis	44	0	20	1
<b>TOTAL</b>	<b>250</b>	<b>5</b>	<b>384</b>	<b>2</b>

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

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

<sup>3</sup> 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
97	96	46	1	0

3. Disease and Outbreak Investigations

- a. Influenza surveillance for Clark County, Nevada includes data collected from local acute care hospitals and other healthcare providers. In Clark County, for the season as of 11/27/2021, 7 influenza-associated hospitalizations and zero deaths associated with influenza had been reported. The percentage of emergency room (ER) and urgent care clinic visits for ILI was 2.7% in week 47 which was higher than week 46 (2.1%). Approximately 30% area ER and urgent care clinic visits for ILI were made by children 0 - 4 years of age which was higher than week 46 (27%). Influenza A has been the dominant type circulating.
- b. 2019 Novel Coronavirus (COVID-19): As of November 30, Clark County had 344,476 cases, 6,202 deaths, and 93 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: SNHD is training and distributing naloxone (Narcan) to first responders and members of key community sectors throughout Nevada to better respond to the large-scale burden of opioid overdoses. SNHD is receiving naloxone via State Targeted Response funding through the Center for the Application of Substance Abuse Technologies (CASAT) at the University of Nevada, Reno. 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:

- 11/02/21 – LVMPD (5 trained, 10 doses distributed)
- 11/04/21 – Nevada Army National Guard (1 trained, 96 doses distributed)
- 11/06/21 – Caesars Response Team (16 trained, 96 kits distributed)
- 11/08/21 – SNHD – OEDS – L2A (24 kits distributed)
- 11/09/21 – Nye Communities Coalition (158 kits distributed)
- 11/17/21 – CCSD Police (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 monthly 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. We continue to contract with Brain Trust, a local marketing and advertising company, to promote Collect 2 Protect, PrEP/PEP and condom distribution with a statewide approach. The National Latino AIDS Awareness Day event was rescheduled to November 5 and was supported by SNHD ODS staff and consortium members to offer HIV testing, PrEP and PEP services, and condom distribution to the community.

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	Nov-20	Nov-21		FY 20-21	FY 21-22	
Outreach/Targeted Testing	942	470	↓	3475	4517	↑
Clinic Screening (SHC/FPC/TB)	202	171	↓	1332	1185	↓
Outreach Screening (Jails, SAPTA)	115	41	↓	266	285	↑
<b>TOTAL</b>	<b>1259</b>	<b>682</b>	<b>↓</b>	<b>5073</b>	<b>5987</b>	<b>↑</b>
Outreach/Targeted Testing POSITIVE	9	2	↓	23	33	↑
Clinic Screening (SHC/FPC/TB) POSITIVE	0	0	→	3	5	↑
Outreach Screening (Jails, SAPTA) POSITIVE	0	0	→	1	3	↑
<b>TOTAL POSITIVES</b>	<b>9</b>	<b>2</b>	<b>↓</b>	<b>27</b>	<b>41</b>	<b>↑</b>

**D. Staff Facilitated/Attended the following Trainings/Presentations**

- 11/02/2021: Nevada Public Health Association (NPHA) webinar facilitated by ODS Health Educator Staff; ~8 people in attendance; 2 SNHD ODS staff attendees.
- 11/03/2021: "Harm Reduction 201: Drug-Related Stigma" training facilitated by 2 ODS Health Educator Staff; 14 people in attendance; 2 SNHD ODS staff attendees.
- 11/03/2021: Two iCircle Trainings facilitated by ODS Health Educator Staff; 4 people in attendance; 1 SNHD ODS staff attendee.
- 11/03/2021: Fentanyl Test Strip Informational meeting with Las Vegas Metropolitan Police Department (LVMPD) facilitated by 2 ODS Health Educator Staff; 4 people in attendance; 2 SNHD ODS staff attendees.
- 11/04-05/2021: "2021 Nevada Suicide Prevention Conference Day 1" hosted by the Nevada Coalition for Suicide Prevention; Zero Suicide Initiative presentation facilitated by ODS Health Educator Staff; ~100 people in attendance; 1 SNHD ODS staff attendee.
- 11/04/21-11/05/21: "Empower Change: Rapid HIV Testing and Counseling Training Program" attended by ODS Health Educator Staff; 10 people in attendance from, SNHD, Trac B and Horizon Ridge Wellness Clinic; 3 SNHD ODS staff attendees.
- 11/05/2021: "National Latinx AIDS Awareness Day" event hosted by Southern Nevada HIV Awareness Consortium attended by ODS Health Educator Staff as a representative; 1 SNHD ODS staff attendee.
- 11/08/2021: Community Engagement Plan for Boulder City meeting attended by ODS Health Educator Staff as representative; 5 people in attendance; 1 SNHD ODS staff attendee.

9. 11/09/2021: "Nevada Week - Vegas Public Broadcasting System (PBS)" Community Health Assessment for Clark County subject matter expert interviewee facilitated by ODS Health Educator; 1 SNHD staff attendee.
10. 11/10/2021: "Motivational Interviewing Training" facilitated by ODS Health Educator Staff; 5 people in attendance; 3 SNHD ODS staff attendees.
11. 11/12/2021: "PrEP and PEP for Providers" Public Health Perspectives webinar presented by ODS Health Educator Staff and facilitated by University of Northern Nevada Trudy Larson Institute for Health Impact and Equality; 2 SNHD ODS staff attendees.
12. 11/12/2021: Southern Nevada HIV Prevention Planning Group attended by 2 ODS Health Educator Staff as representatives; 13 people in attendance from multiple agencies; 2 SNHD ODS staff attendees.
13. 11/15/2021: SNHD Contact Tracer Field Safety Class facilitated by ODS Health Educator Staff; ~29 people in attendance; 29 SNHD ODS staff attendees.
14. 11/16/2021: Child Death Review (CDR) Board virtual meeting attended by ODS Health Educator Staff as a representative; ~35 people in attendance from multiple agencies; 2 SNHD ODS staff attendees.
15. 11/16/2021: Substance Use and Response (SURG) working group meeting hosted by Nevada Attorney General's Office attended by ODS Health Educator Staff as a representative; 18 members in attendance representing twelve Nevada agencies; 1 SNHD ODS staff attendee.
16. 11/16/2021: Nevada Public Health Association (NPHA) webinar facilitated by ODS Health Educator Staff; 3 people in attendance; 1 SNHD ODS staff attendees.
17. 11/17/21: SNHD Contact Tracer Field Safety Class facilitated by ODS Health Educator Staff; ~29 people in attendance; 29 SNHD ODS staff attendees.
18. 11/18/2021: Nevada Public Health Association Advocacy & Policy Committee Meeting attended by ODS Health Educator Staff as a representative; 1 SNHD ODS staff attendee.
19. 11/18/2021: "Social Network Strategy" training attended by ODS Health Educator Staff; 2 SNHD ODS staff attendees.
20. 11/18/2021: SNHD Office of Disease Surveillance Public Health Vending Machine presentation to Southern Nevada Health District Board of Health facilitated by ODS Health Educator Staff; 1 SNHD ODS staff attendee.
21. 11/19/2021: "Coffee Break Discussion: Latino Suicide Prevention Efforts" hosted by the Nevada Office of Suicide Prevention (NOSP) attended by ODS Health Educator Staff as a representative; ~20 people in attendance from multiple agencies; 1 SNHD ODS staff attendee.
22. 11/19/2021: HIV Dashboard Review with International Association of Providers of AIDS Care facilitated by Fast-Track Nevada attended by ODS Health Educator Staff as a representative; 1 SNHD ODS staff attendee.
23. 11/19/2021: Clark County Children's Mental Health Consortium (CCCMHC) meeting attended by ODS Health Educator Staff as representative; ~40 people in attendance from multiple agencies; 1 SNHD ODS staff attendee.

- 24. 11/30/2021: “Undetectable=Untransmittable Community Advocates” training facilitated by the Prevention Access Campaign attended by ODS Health Educator Staff; 1 SNHD ODS staff attendee.

**E. Other**

Communicable Disease Statistics: October 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\*\**

Table 1



## October 2021: Clark County Disease Statistics\*

Disease	2019		2020		2021	
	Oct	YTD	Oct	YTD	Oct	YTD
<b>VACCINE PREVENTABLE</b>						
Haemophilus influenzae, invasive	3	19	0	8	1	10
Hepatitis A	3	98	1	15	0	1
Hepatitis B, acute	1	16	2	11	1	12
Hepatitis B, chronic	46	521	41	389	47	462
Influenza	81	917	0	864	2	49
Meningococcal disease (N. meningitidis)	2	3	0	1	0	0
Pertussis	2	38	0	5	2	14
<b>SEXUALLY TRANSMITTED</b>						
Chlamydia	1272	11832	1168	11042	1008	10536
Gonorrhea	496	4580	602	4613	536	5936
Syphilis (Early non-primary, non-secondary)	44	351	44	321	42	352
Syphilis (Primary & Secondary)	53	536	58	532	66	628
<b>CONGENITAL CONDITIONS</b>						
Congenital Syphilis	6	32	1	31	3	26
Hepatitis C, Perinatal infection	0	2	0	0	1	4
<b>ENTERICS</b>						
Amebiasis	0	6	1	8	0	2
Campylobacteriosis	16	121	12	104	8	110
Cryptosporidiosis	1	13	0	9	0	13
Giardiasis	1	48	1	23	7	36
Rotavirus	4	57	4	19	4	26
Salmonellosis	11	125	9	111	13	130
Shiga toxin-producing E. coli (STEC)	0	28	2	20	1	50
Shigellosis	14	60	3	44	8	64
Vibriosis (Non-cholera Vibrio species infection)	0	4	0	3	1	3
Yersiniosis	1	4	0	4	1	9
<b>OTHER</b>						
Brucellosis	0	2	0	0	0	0
Coccidioidomycosis	13	84	13	133	16	137
Exposure, Chemical or Biological	1	10	0	0	0	2
Hepatitis C, acute	3	20	0	4	0	2
Hepatitis C, chronic	499	5506	326	3618	275	2626
Invasive Pneumococcal Disease	13	188	5	155	7	88
Lead Poisoning	13	124	6	80	3	79
Legionellosis	4	21	2	23	3	19
Listeriosis	0	5	0	1	1	1
Lyme Disease	0	12	0	3	0	10
Malaria	0	8	0	1	1	2
Meningitis, Aseptic	4	68	5	60	2	27
Meningitis, Bacterial Other	2	24	2	16	1	9
Meningitis, Fungal	0	4	1	4	0	4
Q Fever, acute	1	2	0	0	0	1
RSV	39	2026	1	1727	363	968
Rabies, exposure to a rabies susceptible animal	2	17	12	122	25	226
Spotted Fever Rickettsiosis	1	4	0	0	0	1
Strepococcal Toxic Shock Syndrome (STSS)	1	24	1	20	0	17

\*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.