



# Memorandum

**Date:** July 8, 2021

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

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

**Subject:** Disease Surveillance and Control Division Monthly Activity Report – June 2021

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

**A. Surveillance and Investigations**

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

	Jun 2020	Jun 2021		FYYTD 2019 19-20	FYYTD 2020 20-21	
<b>Sexually Transmitted</b>						
Chlamydia	1255	953	↓	13715	13079	↓
Gonorrhea	449	559	↑	5256	6920	↑
Primary Syphilis	22	11	↓	282	246	↓
Secondary Syphilis	39	34	↓	387	437	↑
Early Non-Primary, Non-Secondary <sup>1</sup>	40	28	↓	374	533	↑
Syphilis Unknown Duration or Late <sup>2</sup>	65	77	↑	887	984	↑
Congenital Syphilis (presumptive)	5	1	↓	44	42	↓
<b>Moms and Babies Surveillance</b>						
HIV Pregnant Cases	4	3	↓	24	35	↑
Syphilis Pregnant Cases	8	9	↑	164	139	↓
Perinatally Exposed to HIV	0	0	→	9	9	→
<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	1	↑	8	2	↓
Hepatitis A	2	0	↓	13	1	↓
Hepatitis B, acute	2	1	↓	4	6	↑

	Jun 2020	Jun 2021		FYYTD 2019 19-20	FYYTD 2020 20-21	
Hepatitis B, chronic	44	41	↓	226	265	↑
Influenza	0	3	↑	862	34	↓
Pertussis	0	0	→	5	1	↓
<b>Enterics</b>						
Campylobacteriosis	13	18	↑	49	76	↑
Giardiasis	2	1	↓	17	16	↓
Rotavirus	0	4	↑	14	13	↓
Salmonellosis	11	12	↑	50	74	↑
Shiga toxin-producing Escherichia coli (STEC)	2	11	↑	13	26	↑
Shigellosis	3	2	↓	27	38	↑
<b>Other</b>						
Coccidioidomycosis	21	13	↓	81	80	↓
Hepatitis C, acute	0	0	→	2	1	↓
Hepatitis C, chronic	381	240	↓	2334	1730	↓
Invasive Pneumococcal Disease	7	4	↓	134	47	↓
Lead Poisoning	7	4	↓	55	47	↓
Legionellosis	2	0	↓	18	10	↓
Meningitis, aseptic	7	3	↓	42	19	↓
Meningitis, Bacterial Other	0	0	→	10	4	↓
RSV	1	11	↑	1280	29	↓
Streptococcal Toxic Shock Syndrome (STSS)	4	2	↓	17	12	↓
New Active TB Cases Counted (<15 yo)	0	0	→	2	0	↓
New Active TB Cases Counted (>= 15 yo)	6	0	↓	52	4	↓

2. Number of Cases Investigated by OEDS

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	50	0	65	1
Gonorrhea	27	0	38	1
Syphilis	69	4	184	1
HIV/AIDS (New to Care/Returning to Care)	20	0	70	20
Tuberculosis	50	0	18	3
<b>TOTAL</b>	<b>216</b>	<b>4</b>	<b>375</b>	<b>26</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

<b>Monthly DIIS Investigations Other Communicable Diseases</b>				
<b>Confirmed Case (Clinical and Lab Required)</b>	<b>Confirmed Case (Lab Only)</b>	<b>Full Investigation</b>	<b>OOJ with Investigation</b>	<b>OOJ without Investigation</b>
73	32	65	3	1

**3. Disease and Outbreak Investigations**

- a. **2019 Novel Coronavirus (COVID-19):** As of June 30<sup>th</sup>, Clark County had 260,389 cases, 4,504 deaths, and 70 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 Epidemiology and Disease Surveillance (OEDS) at 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. OEDS 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 SNHD has contact tracers including staff from SNHD, UNLV and other partnering agencies responding to reports of positive cases. This is an ongoing response effort.
  
- b. **Acute Non-Viral Hepatitis of Unknown Etiology Outbreak:** Five cases of acute non-viral hepatitis of unknown etiology in children were reported to the Southern Nevada Health District (SNHD) between November and December 2020. The Centers for Disease Control and Prevention (CDC) is assisting the SNHD in investigating a potential link between these illnesses and the consumption of an alkaline water product called “Real Water” and other possible etiologies. The FDA is also involved in this investigation and recommends that consumers, restaurants, distributors, and retailers should not drink, cook with, sell, or serve “Real Water” alkaline water, until more information is known about the cause of the illnesses. Further, the FDA advises that this water not be served to pets. These products include, but are not limited to, 5-gallon and 3-gallon containers (sold through home delivery/subscription), bottles of various sizes (sold on-line and in stores), and the “Real Water” concentrate (sold on-line). The SNHD has a survey on our website for community to self-report their illnesses and the SNHD OEDS investigation team is following up with these reports. The SNHD now has 18 probable cases (including the 5 original children) and four suspect cases associated with this outbreak. The SNHD and CDC are conducting a series of phone interviews for cases and their household members to examine potential relationships between consumption of Real

Water and severity of non-viral hepatitis symptoms. Another case-control study is in the planning stage to compare Real Water exposure among patients who had the disease or no disease during the time of concern. This investigation is ongoing.

- c. **Salmonella Weltevreden Outbreak:** Four cases of Salmonella Weltevreden infections were reported to the SNHD between February 2021–April 2021. As of June 25th, 2021, six total illnesses, were reported in AZ (2) and NV (4), that include two hospitalizations and zero deaths. The last known illness onset occurred on April 25, 2021. A positive import sample conducted by the FDA, along with epidemiological and traceback evidence, link this outbreak to the consumption of frozen cooked shrimp manufactured by Avanti Frozen Foods of India. The FDA has issued a recall that includes imported products between December 2020 to February 2020 and sold under multiple brand names: 365, Censea, Chicken of the Sea, CWNO, Hannaford, Honest Catch, Meijer, Open Acres, and Waterfront Bistro. The FDA also recommends that consumers, restaurants, and retailers should not eat, sell, or serve recalled shrimp from Avanti Frozen Foods. All products should be discarded and any surfaces that may have come in contact with the recalled product, should be thoroughly cleaned and disinfected to reduce the risk of cross contamination. The FDA, the CDC, along with state and local partners, are still investigating.

#### 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. OEDS has implemented a policy for SNHD staff to carry and administer Naloxone. OEDS 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 June:

6/04/21 - OEDS (0 trained, 6 kits distributed)

6/17/21 - Las Vegas City Jail (7 trained, 0 kits distributed)

6/25/21 - SNHD – OEDS (2 trained, 14 kits distributed)

- b. **Overdose Data to Action Grant (ODTA):** ODTA staff held quarterly site visits for each funded community partner to oversee progress made on grant activities. Staff also virtually attended the 2021 OD2A Recipient Meeting on June 22-23. Jessica Johnson, Senior Health Educator, presented a poster at this session entitled, "Breaking

Down Barriers to Syringe Access by Meeting People where They Are: Expansion of Public Health Vending in Las Vegas, NV.”

**B. Prevention - Community Outreach/Provider Outreach/Education**

This month OEDS observed and promoted National HIV Testing Day. On Friday, June 25<sup>th</sup> free rapid HIV was encouraged in the SHC/Annex A and Express Testing. Collect 2 Protect online HIV testing was also included for those wanting to test in the privacy of their own home. On Saturday, June 26<sup>th</sup> OEDS and the L2A Mobile Testing Unit participated in two back to back outreaches in observance of NHTD. The first was with community partner Horizon Ridge Clinic and the second was with Nevada Partners. Lastly, an OEDS Health Educator who focuses efforts on Fast Track Nevada, helped promote, encourage and engage local political leaders to utilize social media to promote awareness and testing for HIV on Sunday, June 27<sup>th</sup>.

Ongoing promotion of Collect2Protect (C2P) online service for those requesting testing for gonorrhea, chlamydia, and HOME HIV test kits. OEDS continues to work with OOC to help promote C2P on SNHD web sites, social media and with the help of community partners.

The Center, Huntridge Family Clinic and AHF continue to offer ongoing HIV/STD, PrEP/PEP, and rapid stART services to the community.

Express Testing in SHC/Annex A services doing well with limited ability of marketing and advertising resources.

**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. AHF is also offering HIV and STD screenings at their clinic locations on Mondays, Wednesdays and Fridays, and on their mobile testing unit.

Office of Disease Surveillance- HIV Prevention Screening/Testing Efforts						
Prevention - SNHD HIV Testing	Jun-20	Jun-21		FY 19-20	FY 20-21	
Outreach/Targeted Testing	100	536	↑	7165	8813	↑
Clinic Screening (SHC/FPC/TB)	301	312	↑	5566	4074	↓
Outreach Screening (Jails, SAPTA)	0	31	↑	2834	646	↓
<b>TOTAL</b>	401	879	↓	15565	13533	↓
Outreach/Targeted Testing POSITIVE	0	2	↑	49	64	↑
Clinic Screening (SHC/FPC/TB) POSITIVE	7	1	↓	30	22	↓
Outreach Screening (Jails, SAPTA) POSITIVE	0	0	→	16	4	↓
<b>TOTAL POSITIVES</b>	7	3	↓	95	90	↓

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

1. 06/01/2021: Zero Suicide COL Leadership Meeting hosted by Office of Suicide Prevention (OSP) and the Center for the Application of Substance Abuse Technologies (CASAT) attended by OEDS Health Educator Staff as a representative; ~13 people in attendance; 3 SNHD OEDS staff attendees.
2. 06/01/2021: Suicide Prevention Awareness interview conducted by Touro University Professor for student presentation facilitated by OEDS Health Educator Staff as subject matter expert; ~40 people in attendance; 1 SNHD OEDS staff attendee.
3. 06/02/2021: Nevada Public Health Association Health Equity Project Discussion facilitated by NPHA Southern Nevada Chapter Board Leadership attended by OEDS Health Educator Staff; 4 people in attendance; 1 SNHD OEDS staff attendee.
4. 06/02/2021: "Review of Congenital/Syphilis" presentation for UNLV School of Nursing co-facilitated by OEDS Health Educator Staff; 11 people in attendance; 1 SNHD OEDS staff attendee.
5. 06/03/2021: Southern Nevada Opioid Advisory Council Executive Committee (SNOAC) Meeting facilitated by OEDS Health Educator Staff; ~10 people in attendance; 2 SNHD OEDS staff attendees.
6. 06/04/2021: Clark County Children's Mental Health Consortium (CCCMHC) meeting attended by 2 OEDS Health Educator Staff as representatives; ~30 people in attendance from multiple agencies; 2 SNHD OEDS staff attendees.
7. 06/07/2021: National HIV Testing Day Social Media Campaign with Representative Horsford's Chief of Staff Asha Jones; facilitated by OEDS Health Educator Staff; 1 SNHD OEDS staff attendee.
8. 06/08/2021: Panel of Experts Presentation: "Vegas Community Services;" facilitated by Touro University attended by OEDS Health Educator Staff as subject matter expert in suicide prevention; ~50 people in attendance; 1 SNHD OEDS staff attendee.
9. 06/08/2021: Discussion with Intern for SoN HPPG LGBTQ Bar Council project; facilitated by OEDS Health Educator Staff; 1 SNHD OEDS staff attendee.
10. 06/09/2021-06/10/2021: 20th Annual Nevada Child Abuse Prevention & Safety Conference attended by OEDS Health Educator Staff; ~70 people in attendance; 1 SNHD OEDS staff attendee.
11. 06/09/2021: National HIV Testing Day Social Media Campaign Meeting and Presentation with the City of Henderson's Social Media Officer Pippa Bowen facilitated by OEDS Health Educator Staff; 1 SNHD OEDS staff attendee.
12. 06/09/2021: "Fundamentals for Public Health Detailing" presentation for UNLV School of Nursing co-facilitated by OEDS Health Educator Staff; 11 people in attendance; 2 SNHD OEDS staff attendees.
13. 06/09/2021: Discussion with Intern for SoN HPPG LGBTQ Bar Council project facilitated by OEDS Health Educator Staff; 1 SNHD OEDS staff attendee.

14. 06/09/2021: CDC Overdose Data to Action Implementation Call facilitated by CDC project manager; attended by OEDS Health Educator Staff; ~12 people in attendance; 2 SNHD OEDS staff attendees.
15. 06/09/2021: Opioid Response Network Technical Assistance Call facilitated by Opioid Response Network Staff attended by OEDS Health Educator Staff; 5 people in attendance; 2 SNHD OEDS staff attendees.
16. 06/10/2021: L2A Technical Training for Public Health Vending Machine facilitated by SNHD Informatics attended by OEDS Health Educator Staff; 7 people in attendance; 1 SNHD OEDS staff attendee.
17. 06/10/2021: SNHD/OEDS tour with Intern for SoN HPPG LGBTQ Bar Council project facilitated by OEDS Health Educator Staff; 1 SNHD OEDS staff attendee.
18. 06/14/2021: National HIV Testing Day Social Media Campaign Call with the Boulder City's Councilman James Howard Adams; facilitated by OEDS Health Educator Staff; 1 SNHD OEDS staff attendee.
19. 06/15/2021: National HIV Testing Day Social Media Campaign Call with the Councilman Brian Knudsen's Special Assistant Karl Catarata facilitated by OEDS Health Educator Staff; 1 SNHD OEDS staff attendee.
20. 06/15/2021: Child Death Review (CDR) Board virtual meeting attended by OEDS Health Educator Staff as a representative; ~33 people in attendance from multiple agencies; 3 SNHD OEDS staff attendees.
21. 06/16/2021: "Adult Mental Health First Aid" training; organized and facilitated by OEDS Health Educator Staff; 15 people in attendance; 9 SNHD staff attendees.
22. 06/18/2021: National HIV Testing Day Social Media Campaign Call with the Ashley Forest Communication Manager for the Attorney General's Office facilitated by OEDS Health Educator Staff; 1 SNHD OEDS staff attendee.
23. 06/18/2021: Nevada Public Health Association Weekly Legislative teleconference attended by OEDS Health Educator Staff; 6 people in attendance; 1 SNHD OEDS staff attendee.
24. 06/21/2021: Rape Crisis Center Sexual Violence and Exploitation Training attended by OEDS Health Educator Staff; 8 people in attendance; 6 SNHD OEDS staff attendees.
25. 06/21/2021: National HIV Testing Day Social Media Campaign Call with Commissioner William McCurdy II's Staff facilitated by OEDS Health Educator Staff; 1 SNHD OEDS staff attendee.
26. 06/22/2021- 06/23/2021: 2021 Overdose Data To Action Virtual Recipient Summit facilitated by ASTHO and CDC facilitator and presenter of poster on Public Health Vending Technical Assistance with Trac-B by OEDS Health Educator Staff; ~500 people in attendance; 2 SNHD OEDS staff attendees.
27. 06/24/2021: Nevada SHSP Safer Roads Quarterly Call attended by OEDS Health Educator Staff as a representative; ~24 people in attendance from multiple agencies; 1 SNHD OEDS staff attendee.

28. 06/24/2021: "Trauma Informed Care and Crisis Intervention Training" facilitated by OEDS Health Educator Staff; 9 people in attendance; 8 SNHD OEDS staff attendees.
29. 06/24/2021: Southern Nevada Veterans Advocacy Council June PTSD Awareness Month Town Hall attended by OEDS Health Educator Staff as a representative; ~12 people in attendance from multiple agencies; 1 SNHD OEDS staff attendee.
30. 06/28/2021: "Trauma Informed Care and Crisis Intervention Training" facilitated by OEDS Health Educator Staff and attended by 3 additional OEDS Health Educator Staff; 9 people in attendance; 7 SNHD OEDS staff attendees.
31. 06/29/2021-06/30/2021: HIV Testing in Nonclinical Settings seminar attended by OEDS Health Educator Staff; 1 SNHD OEDS staff attendee.
32. 06/29/2021: U.S. Consumer Product Safety Commission (CPSC) - State Designee Conference Call attended by OEDS Health Educator Staff as a representative; ~52 people in attendance from each US state; 1 SNHD OEDS staff attendee.
33. 06/29/2020: Media Training facilitated by SNHD Office of Communication attended by OEDS Health Educator Staff; 10 people in attendance; 1 SNHD OEDS staff attendee.

**E. Other**

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



**II. COVID-19 AND DISASTER RELIEF**

**A. CONTACT TRACERS – SNHD**

Current Total: 64

25% of staff working Vaccine POD's at School, Convention Center and other locations.

10% of staff working Testing POD at Texas Station

2% assisting SNHD in-house testing and vaccine efforts

40% of the team is focused on our fax backlog

*\*4 – 6 staff members have been requested to support lab efforts which is pending HR/ICS approval.\**

*\*\* 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 (contract to expire in September) and 150 ppl on the team dedicated to CCSD.

250 CT's total

UNLV – 60 ppl – Last day for UNLV team will be August 1, 2021.

*\*\*\* Contracted CT teams are currently working backlog cases created from faxes, new cases as they come in, QA on cases and low priority cases. \*\*\**

**C. CASE LOAD**

SNHD TEAM AVG. – 75 cases per day

AAA TEAMS AVG. – 130 cases per day

UNLV TEAM AVG. – 75 cases per day

*\*\*\*\*Case load currently varies based on community numbers \*\*\*\**

**D. GRANTS**

The NOA for the COVID-19 Health Disparities Grant for Underserved and Minority Communities was awarded this month. This grant is for \$22.6 million.

**Table 1**



**May 2021: Clark County Disease Statistics\***

Disease	2019		2020		2021	
	May	YTD	May	YTD	May	YTD
<b>VACCINE PREVENTABLE</b>						
Haemophilus influenzae, invasive	1	12	0	8	0	1
Hepatitis A	16	44	0	11	0	1
Hepatitis B, acute	3	8	1	2	0	5
Hepatitis B, chronic	62	219	30	181	47	224
Influenza	22	790	5	862	2	31
Meningococcal disease ( <i>N. meningitidis</i> )	0	1	0	1	0	0
Pertussis	1	27	0	5	0	1
<b>SEXUALLY TRANSMITTED</b>						
Chlamydia	1119	5676	860	5158	1003	5378
Gonorrhea	453	2181	368	1951	547	2951
Syphilis (Early non-primary, non-secondary)	37	178	36	148	51	280
Syphilis (Primary & Secondary)	58	246	50	263	61	318
<b>CONGENITAL CONDITIONS</b>						
Congenital Syphilis	6	13	1	14	3	17
Hepatitis C, Perinatal Infection	0	1	0	0	0	2
<b>ENTERICS</b>						
Amebiasis	0	4	1	4	1	2
Campylobacteriosis	16	52	9	38	20	58
Cryptosporidiosis	0	2	1	6	0	4
Giardiasis	6	22	4	15	3	15
Rotavirus	15	30	1	14	5	9
Salmonellosis	12	46	4	39	10	60
Shiga toxin-producing <i>E. coli</i> (STEC)	7	14	3	11	4	14
Shigellosis	10	27	8	24	17	36
Vibriosis (Non-cholera <i>Vibrio</i> species infection)	0	1	0	3	0	0
Yersiniosis	0	1	0	2	1	5
<b>OTHER</b>						
Brucellosis	0	1	0	0	0	0
Coccidioidomycosis	5	28	17	60	14	67
Exposure, Chemical or Biological	1	6	0	0	0	1
Hepatitis C, acute	3	9	0	2	0	1
Hepatitis C, chronic	638	2965	295	1953	287	1492
Invasive Pneumococcal Disease	18	128	6	127	2	43
Lead Poisoning	18	63	4	48	7	43
Legionellosis	1	5	5	16	3	10
Listeriosis	1	4	0	0	0	0
Lyme Disease	0	3	0	3	0	1
Malaria	1	2	0	1	0	0
Meningitis, Aseptic	7	20	6	35	2	16
Meningitis, Bacterial Other	2	14	2	10	0	4
Meningitis, Fungal	0	3	0	2	0	4
Q Fever, acute	0	1	0	0	0	0
RSV	31	1832	1	1279	6	18
Rabies, exposure to a rabies susceptible animal	1	1	14	62	23	99
Spotted Fever Rickettsiosis	0	1	0	1	1	2
Streptococcal Toxic Shock Syndrome (STSS)	2	18	4	13	2	10

\*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.