





Memorandum

Date: August 10, 2021

To: Southern Nevada District Board of Health

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

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

I. OFFICE OF EPIDEMIOLOGY AND DISEASE SURVEILLANCE (OEDS)

A. Surveillance and Investigations

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

	Jul 2020	Jul 2021		FYYTD 20-21	FYYTD 21-22	
Sexually Transmitted						
Chlamydia	1094	927	↓	1094	927	↓
Gonorrhea	477	568	↑	477	568	↑
Primary Syphilis	15	15	→	15	15	→
Secondary Syphilis	26	17	↓	26	17	↓
Early Non-Primary, Non-Secondary ¹	26	31	↑	26	31	↑
Syphilis Unknown Duration or Late ²	66	60	↓	66	60	↓
Congenital Syphilis (presumptive)	5	2	↓	5	2	↓
Moms and Babies Surveillance						
HIV Pregnant Cases	5	0	↓	5	0	↓
Syphilis Pregnant Cases	13	17	↑	13	17	↑
Perinatally Exposed to HIV	0	1	↑	0	1	↑
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	2	↑	8	4	↓
Hepatitis A	0	0	→	13	1	↓
Hepatitis B, acute	3	0	↓	7	7	→
Hepatitis B, chronic	56	47	↓	282	316	↑

	Jul 2020	Jul 2021		FYYTD 20-21	FYYTD 21-22	
Influenza	0	3	↑	862	37	↓
Pertussis	0	3	↑	5	6	↑
Enterics						
Campylobacteriosis	11	12	↑	60	88	↑
Giardiasis	3	3	→	20	20	→
Rotavirus	0	4	↑	14	18	↑
Salmonellosis	18	8	↓	68	88	↑
Shiga toxin-producing Escherichia coli (STEC)	1	11	↑	14	38	↑
Shigellosis	5	7	↑	32	47	↑
Other						
Coccidioidomycosis	14	6	↓	95	91	↓
Hepatitis C, acute	2	0	↓	5	1	↓
Hepatitis C, chronic	299	238	↓	2622	1989	↓
Invasive Pneumococcal Disease	4	8	↑	138	56	↓
Lead Poisoning	4	8	↑	61	60	↓
Legionellosis	1	4	↑	19	13	↓
Meningitis, aseptic	4	1	↓	46	20	↓
Meningitis, Bacterial Other	1	1	→	11	5	↓
RSV	1	30	↑	1281	66	↓
Streptococcal Toxic Shock Syndrome (STSS)	1	0	↓	18	13	↓
New Active TB Cases Counted (<15 yo)	0	0	→	0	0	→
New Active TB Cases Counted (>= 15 yo)	3	0	↓	3	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	57	1	43	0
Gonorrhea	31	3	32	0
Syphilis	92	7	180	1
HIV/AIDS (New to Care/Returning to Care)	38	2	46	31
Tuberculosis	18	0	10	0
TOTAL	236	13	311	32

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
58	42	36	0	1

3. Disease and Outbreak Investigations

- a. 2019 Novel Coronavirus (COVID-19): As of July 31, Clark County had 281,801 cases, 4,711 deaths, and 74 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 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 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 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 the community to self-report their illnesses and the SNHD ODS 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 have conducted 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. Data analysis from this

activity is underway. A case-control study was considered to compare Real Water exposure among patients who had the disease or no disease during the time of concern but will not be pursued at this time. 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, 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 outbreak has been declared over.
 - d. **Monkeypox Flight Exposure:** The CDC, in collaboration with the Texas Department of State Health Services and Dallas County Health and Human Services, investigated a single case of Monkeypox virus infection in a U.S. citizen who recently returned from travel to Nigeria. The CDC identified two Clark County residents that were exposed to this case on the flight. The CDC has identified the residents as low risk, and ODS has been actively monitoring the two contacts daily for any new symptoms that may include, fever, rash, chills, and lymphadenopathy. Daily monitoring will continue for the remainder of the 21-day incubation period for this virus.
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 July:

- 7/2/21 – SNHD–ODS (2 trained, 4 kits distributed)
- 7/6/21 – High Risk Pregnancy Center (51 kits distributed)
- 7/9/21 – ODS (5 trained, 10 kits distributed)
- 7/9/21 – Serenity Health (15 trained, 36 kits distributed)
- 7/9/21 – UNLV (82 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

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.

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	Jul-20	Jul-21		FY 20-21	FY 21-22	
Outreach/Targeted Testing	442	591	↑	442	591	↑
Clinic Screening (SHC/FPC/TB)	136	200	↑	136	200	↑
Outreach Screening (Jails, SAPTA)	0	28	↑	0	28	↑
TOTAL	578	819	↑	578	819	↑
Outreach/Targeted Testing POSITIVE	2	5	↑	2	5	↑
Clinic Screening (SHC/FPC/TB) POSITIVE	1	1	→	1	1	→
Outreach Screening (Jails, SAPTA) POSITIVE	0	0	→	0	0	→
TOTAL POSITIVES	3	6	↑	3	6	↑

D. Staff Facilitated/Attended the following Trainings/Presentations

1. 07/06/2021: 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 ODS Health Educator Staff as a representative; ~18 people in attendance; 6 SNHD ODS staff attendees.
2. 07/08/2021: "Motivational Interviewing Training" facilitated by ODS Health Educator Staff; 4 people in attendance; 2 SNHD ODS staff attendees.
3. 07/09/2021: CHA Community Committee: Community Health Assessment (CHA) Report Update facilitated by ODS Health Educator Staff; 26 people in attendance; 6 SNHD ODS staff attendees.
4. 07/09/2021: Clark County Children's Mental Health Consortium (CCCMHC) meeting attended by ODS Health Educator Staff as representative; ~32 people in attendance from multiple agencies; 1 SNHD ODS staff attendee.
5. 07/12/2021: "Adult Mental Health First Aid" training organized and facilitated by ODS Health Educator Staff and PACT Coalition; 13 people in attendance; 1 SNHD staff attendee.
6. 07/12/2021: Presented CHA findings at Public Health Advisory Board Meeting; 2 ODS Health Educators in attendance for presentation.
7. 07/14/2021: Public Health Vending Project technical assistance call with Tulsa, Oklahoma; 5 attendees; 1 ODS staff in attendance.
8. 07/15/2021: NCEDSV Third Thursday Webinar "Making Every Door the Right Door: The Intersection of Substance Use and Gender-Based Violence" presented by ODS Health Educators; ~20 people in attendance; 2 ODS Health Educators.
9. 07/16/2021: STOP (Services, Training, Officers, and Prosecutors) Implementation Plan Survey Results state meeting facilitated by the Nevada Attorney General's Office attended by ODS Health Educator Staff; 16 people in attendance from multiple agencies; 1 SNHD ODS staff attendee.
10. 07/20/2021: "SafeTALK Suicide Prevention" training organized and co-facilitated by 2 ODS Health Educator Staff; 11 people in attendance; 3 SNHD staff attendees.
11. 07/20/2021: Child Death Review (CDR) Board virtual meeting attended by ODS Health Educator Staff as a representative; ~34 people in attendance from multiple agencies; 2 SNHD ODS staff attendees.
12. 07/20/2021: Sexual Violence and Exploitation Training Facilitated by the Rape Crisis Center; 17 people in attendance; 3 ODS health educators in attendance.
13. 07/23/2021: Substance Abuse Prevention Specialist Training; 3 ODS Staff in attendance.
14. 07/24/2021-07/25/2021: 2021 Suicide Prevention Summit facilitated by the Mental Health Academy; attended by ODS health educator Staff; 1 SNHD ODS staff attendee.

15. 07/27/2021: Public Health Vending Round Table meeting; national attendance by ~15 people from 9 states; facilitated by ODS Sr. Health Educator.
16. 07/29-30/2021: "Empower Change: HIV Testing and Counseling" in-person training organized and facilitated by ODS Senior Health Educator Staff at SNHD, 11 in attendance, 4 from the Center LV, 2 from SNHD ODS, 1 from Huntridge Clinic, 1 from Center for Recovery, 1 from Huntridge, 1 from AHA and 1 from CRH.
17. 07/30/2021: Public Health Vending technical assistance call with 2 Ohio Counties; 5 attendees; 1 ODS staff.

E. Other

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

II. COVID-19 AND DISASTER RELIEF

A. CONTACT TRACERS – SNHD

Current Total: 54

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

5% assisting SNHD in-house testing and vaccine efforts

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

250 CT's total.

UNLV – UNLV last day to take cases is 7.31; all cases to be closed by 8.6. Contract over.

C. CASE LOAD

SNHD TEAM AVG. – 195 cases per day

AAA TEAMS AVG. – 365 cases per day

UNLV TEAM AVG. – 102 cases per day

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

D. GRANTS

No new information.

Table 1



June 2021: Clark County Disease Statistics*

Disease	2019		2020		2021	
	June	YTD	June	YTD	June	YTD
VACCINE PREVENTABLE						
Haemophilus influenzae, invasive	2	14	0	8	1	2
Hepatitis A	21	65	2	13	0	1
Hepatitis B, acute	3	11	2	4	1	6
Hepatitis B, chronic	57	277	44	226	46	270
Influenza	19	809	0	862	3	34
Meningococcal disease (<i>N. meningitidis</i>)	0	1	0	1	0	0
Pertussis	3	30	0	5	1	3
SEXUALLY TRANSMITTED						
Chlamydia	1098	6774	1255	6407	982	6393
Gonorrhea	428	2609	449	2398	575	3550
Syphilis (Early non-primary, non-secondary)	35	211	40	186	46	331
Syphilis (Primary & Secondary)	45	291	61	324	65	385
CONGENITAL CONDITIONS						
Congenital Syphilis	0	13	5	19	1	18
Hepatitis C, Perinatal Infection	0	1	0	0	0	2
ENTERICS						
Amebiasis	1	5	1	5	0	2
Campylobacteriosis	14	66	13	49	18	76
Cryptosporidiosis	1	3	1	7	1	5
Giardiasis	5	27	2	17	1	17
Rotavirus	7	37	0	14	5	14
Salmonellosis	9	55	11	50	18	80
Shiga toxin-producing <i>E. coli</i> (STEC)	4	18	2	13	12	27
Shigellosis	5	32	3	27	4	40
Vibriosis (Non-cholera <i>Vibrio</i> species infection)	0	1	0	3	0	0
Yersiniosis	0	1	1	3	2	7
OTHER						
Brucellosis	0	1	0	0	0	0
Coccidioidomycosis	12	40	21	81	17	84
Exposure, Chemical or Biological	1	7	0	0	0	1
Hepatitis C, acute	3	12	0	3	0	1
Hepatitis C, chronic	527	3489	380	2323	267	1751
Invasive Pneumococcal Disease	18	146	7	134	4	47
Lead Poisoning	18	81	7	57	7	52
Legionellosis	2	7	2	18	0	9
Listeriosis	1	5	0	0	0	0
Lyme Disease	5	8	0	3	2	4
Malaria	2	4	0	1	0	0
Meningitis, Aseptic	13	33	7	42	3	19
Meningitis, Bacterial Other	2	16	0	10	0	4
Meningitis, Fungal	0	3	0	2	0	4
Q Fever, acute	0	1	0	0	0	0
RSV	10	1842	1	1280	18	36
Rabies, exposure to a rabies susceptible animal	0	1	10	72	21	120
Spotted Fever Rickettsiosis	0	1	0	1	1	3
Strepococcal Toxic Shock Syndrome (STSS)	1	19	4	17	3	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.