





# Memorandum

**Date:** August 7, 2023

**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 – July 2023

## A. Division of Disease Surveillance and Control

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

\*This section has been modified to reflect calendar year reporting instead of fiscal year reporting, effective February 2023. This change is in line with MMWR reporting.

	July 2022	July 2023		YTD 22	YTD 23	
<b>Sexually Transmitted</b>						
Chlamydia	1088	944	↓	7390	7209	↓
Gonorrhea	525	447	↓	3726	3316	↓
Primary Syphilis	31	12	↓	167	123	↓
Secondary Syphilis	42	17	↓	255	184	↓
Early Non-Primary, Non-Secondary <sup>1</sup>	62	31	↓	363	329	↓
Syphilis Unknown Duration or Late <sup>2</sup>	129	61	↓	853	759	↓
Congenital Syphilis (presumptive)	5	2	↓	34	37	↑
<b>Moms and Babies Surveillance</b>						
HIV Pregnant Cases	0	1	↑	19	16	↓
Syphilis Pregnant Cases	23	11	↓	144	159	↑
Perinatally Exposed to HIV	1	0	↓	12	12	→
<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						
	June 2022	June 2023		YTD 22	YTD 23	
<b>Vaccine Preventable</b>						
Haemophilus influenzae, invasive disease	1	1	→	9	20	↑
Hepatitis A	1	0	↓	4	4	→
Hepatitis B, acute	1	0	↓	14	11	↓
Influenza	16	17	↑	469	172	↓
Pertussis	2	0	↓	46	11	↓

	July 2022	July 2023		YTD 22	YTD 23	
<b>Enteric Illness</b>						
Campylobacteriosis	12	14	↑	65	109	↑
Cryptosporidiosis	0	0	→	9	4	↓
Giardiasis	5	1	↓	24	30	↑
Rotavirus	4	17	↑	125	80	↓
Salmonellosis	14	12	↓	93	107	↑
Shiga toxin-producing Escherichia coli (STEC)	6	6	→	50	29	↓
Shigellosis	5	1	↓	32	36	↑
<b>Other</b>						
Coccidioidomycosis	18	6	↓	83	134	↑
Candida auris	19	38	↑	249	324	↑
Hepatitis C, acute	1	0	↓	3	2	↓
Invasive Pneumococcal Disease	6	8	↑	109	132	↑
Lead Poisoning	7	10	↑	79	81	↑
Legionellosis	2	0	↓	17	18	↑
Meningitis, aseptic	2	2	→	10	10	→
Meningitis, Bacterial Other	3	0	↓	6	1	↓
Streptococcal Toxic Shock Syndrome (STSS)	1	2	↑	4	19	↑
New Active TB Cases Counted (<15 yo)	0	0	→	1	2	↑
New Active TB Cases Counted (>= 15 yo)	7	4	↓	35	42	↑

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	7	0	11	0
Gonorrhea	7	0	11	0
Syphilis	27	4	268	2
HIV/AIDS (New to Care/Returning to Care)	20	0	103	0
Tuberculosis	22	0	3	1
<b>TOTAL</b>	<b>83</b>	<b>4</b>	<b>396</b>	<b>3</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

3. ACDC COVID-19 CT Staffing and Activities

- a. Contact Tracers (CTs) – SNHD
  - i. SNHD staff, Current Total: 24
    - 1. Lead CTs – 4
    - 2. Contact Tracers; investigators and outreach – 20
  - b. Testing
    - i. Contact tracing team continues to work the College of Southern Nevada (CSN) (2 sites) outreach testing on any testing day, overall >80% CTs rotating to testing sites
    - ii. Strike teams for testing are deployed for outbreak and clusters identified as necessary
    - iii. Vending Machines - providing accessible antigen home kits to vulnerable populations
    - iv. Coordinating Covid Antigen test kit Distribution through CBO partnerships
  - c. Contact Tracing/Outreach/Outbreak Investigations
    - i. Priorities – CTs prioritize outbreak reports, and reports of multiple cases in settings of high-risk transmissions and vulnerable populations. This may include, but not limited to, detention centers, homeless shelters, daycares, and congregate settings.
- 4. Disease and Outbreak Investigations
  - a. **2019 Novel Coronavirus (COVID-19):** As of July 24, 2023, Clark County had 606,681 cases; 9,425 deaths, and 115 cases of MIS-C (Multisystem Inflammatory Syndrome in Children). The Acute Communicable Disease Control (ACDC) program at the SNHD is receiving and following up on reports of confirmed illness, conducting disease investigations and offering referrals for resources in need. ACDC continues to provide public health recommendations for mitigation measures to prevent the spread of Covid-19. SNHD continues to monitor trends, investigate cases, provide guidance and maintain community testing sites. This is an ongoing response effort.
  - b. **Monkeypox:** As of July 31, 2023, Clark County had 295 cases of monkeypox. DSC has partnered with the SNHD vaccination team to provide vaccines at non-traditional locations and times. This response is ongoing.
  - c. **Nationwide Salmonella outbreak linked to backyard poultry:** ACDC was notified of two separate Salmonellosis cases that matched patterns linked to a nationwide outbreak. Initial interviews with the clients identified the likely source of exposure to be poultry kept in the backyard at both residences, with one family keeping backyard chickens and the other keeping ducks. The CDC requested environmental sampling to be performed by affected states to assist with the ongoing, multistate outbreak in backyard poultry. ACDC and EH staff were able to collect dry fecal samples from the pen and coop areas, as well as the bathing trough and drinking water. All samples came back positive for Salmonella. A third case was linked to this outbreak in July with exposure to backyard chickens. Environmental sampling was conducted, results are pending.

- d. ACDC staff responded to a notification of possible rabies exposure from a sick cat in Boulder City. There was risk of exposure to approximately 24 individuals, many of them children. ACDC staff worked closely with Boulder Animal Control to get information on exposures. Prior to issuing advisories for these persons to receive post exposure prophylaxis, testing on the cat's remains came back negative for rabies.

## 5. 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 through SAMHSA's First Responders-Comprehensive Addiction and Recovery Act (FR-CARA) grant which began on September 30, 2022. 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:

07/05/2023: Resorts World (8 trained)

07/06/2023: Henderson Comprehensive Treatment Center (9 trained)

07/11/2023: Nevada State College (17 trained)

07/12/2023: Breaking the Cycle Drug Court (9 trained)

- b. Overdose Data to Action (ODTA): The ODS ODTA Health Education team monitors the Fentanyl Test Strip Program.

The following participating agencies and internal SNHD programs received FTS during the month of July:

07/10/2023 Crossroads of Southern Nevada (500 Strips)

07/10/2023 SNHD Linkage to Action Team (300 Strips)

07/18/2023 Catholic Charities (300 Strips)

07/25/2023 First Med Health and Wellness (300 Strips)

## 6. Prevention - Community Outreach/Provider Outreach/Education

- a. Ongoing promotion continues of the [Collect2Protect](#) (C2P) program, an online service for those requesting testing for gonorrhea, chlamydia, and at-home HIV test kits. The C2P program allows users to order an at-home HIV test kit conveniently and privately, at no cost and get their results at home. Test kits for chlamydia and gonorrhea are also available for a fee. Express Testing will also be available at SNHD's main public health center, 280 S. Decatur Blvd., Las Vegas, for those who are asymptomatic and would like to get tested and know their HIV status. 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, and AHF continue to offer ongoing HIV/STD, PrEP/PEP, and rapid stART services to the community.

Free HIV testing is also available from 8 a.m. – 4:30 p.m. at the Southern Nevada Health District, 280 S. Decatur Blvd., Las Vegas, NV 89107 through the Express Testing/Annex A clinic.

- b. ODS continues to offer outreaches on the MTU targeting MSM at Oddfellows Bar. ODS has teamed with community partners to participate at outreach events. At these sites, HIV rapid and syphilis testing are offered along with information on PrEP/PEP, condoms, and resources for additional services. Our collaboration and presence at events in the community like these is key to gaining community trust and to help destigmatize HIV/STI testing which is vital to ending the HIV epidemic. The ODS MTU is currently out for repair, and with the heat, ODS has halted our outreach efforts.

**B. High Impact HIV/STD/Hepatitis Screening Sites**

Testing is currently 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 Monday-Thursday from 1pm-5pm and every Saturday from 9am-2pm. AHF is also offering HIV and STD screenings at their Wellness Clinic locations on Monday, Wednesday, and Friday, and on their MTU.

Office of Disease Surveillance- HIV Prevention Screening/Testing Efforts						
Prevention - SNHD HIV Testing	July -22	July -23		YTD 22	YTD 23	
Outreach/Targeted Testing	835	489	↓	6009	6797	↑
Clinic Screening (SHC/FPC/TB)	310	172	↓	1752	2288	↑
Outreach Screening (Jails, SAPTA)	254	14	↓	808	1250	↑
Collect2 Protect	34	2	↓	188	105	↓
<b>TOTAL</b>	<b>1433</b>	<b>677</b>	<b>↓</b>	<b>8757</b>	<b>10440</b>	<b>↑</b>
Outreach/Targeted Testing POSITIVE	6	0	↓	28	43	↑
Clinic Screening (SHC/FPC/TB) POSITIVE	0	0	→	4	7	↑
Outreach Screening (Jails, SAPTA) POSITIVE	0	1	↑	1	7	↑
Collect2 Protect POSITIVE	0	0	→	0	0	→
<b>TOTAL POSITIVES</b>	<b>6</b>	<b>1</b>	<b>↓</b>	<b>33</b>	<b>57</b>	<b>↑</b>

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

1. 07/06/2023: ORN Technical Assistance Meeting facilitated by Opioid Response Network; 3 people in attendance; 1 ODS Health Educator attendee.
2. 07/07/2023: Clark County Children's Mental Health Consortium (CCCMHC) meeting attended by ODS Health Educator Staff as Vice-Chair; ~30 people in attendance from multiple agencies; 2 SNHD ODS staff attendees.
3. 07/10/2023: Prevention Specialist Certification Advisory Committee meeting attended by ODS Health Educator as a representative; ~10 people in attendance from multiple agencies; 1 SNHD ODS staff attendee.
4. 07/11/2023: Attended Congenital Syphilis Review Board (CSR) Steering Committee meeting facilitated by UNR staff; 10 people in attendance; 3 ODS Staff attendees.

5. 07/11/2023: Summit Plenary Discussion with Montana Institute facilitated by ODS Health Educator; 2 people in attendance; 1 ODS Health Educator attendee.
6. 07/11/2023: Southern Nevada Substance Misuse and Overdose Prevention Summit (SNSMOPS) Planning Committee Meeting facilitated by ODS Health Educator; 10 people in attendance; 3 ODS Health Educator attendees.
7. 07/11/2023: Attended Nevada 211 Ambassadors Alliance as SNHD Representative; 50 people in attendance; 1 ODS Health Educator attendee.
8. 07/12/2023: Southern Nevada Human Trafficking Taskforce facilitated by Las Vegas Metropolitan Police Department attended by 2 ODS Health Educator Staff as representatives; ~100 people in attendance; 2 SNHD ODS staff attendees.
9. 07/12/2023: "Southern Nevada HIV Prevention Planning Group Meeting" facilitated by the Southern Nevada HIV Prevention Planning Group; ~25 people in attendance; 4 ODS Staff attendees.
10. 07/12/2023: Attended Substance Use Response Working Group (SURG) meeting as an appointed member representative; 20 people in attendance; 1 ODS Health Educator attendee.
11. 07/13/2023: Attended the Congenital Syphilis Review Board (CSR) Meeting; 50 people in attendance; 15 ODS Staff attendees.
12. 07/13/2023: Consumer Product Safety Commission quarterly meeting attended by ODS Health Educator as a state representative; 52 people in attendance from multiple states; 2 SNHD ODS staff attendee.
13. 07/16/2023 – 07/20/2023: Attended Community Anti-Drug Coalitions of America (CADCA) Mid-Year Training Conference in Dallas, TX; 450 people in attendance; 1 ODS Health Educator attendee.
14. 07/17/2023: CDC Presentation Tech Run facilitated by CDC; 10 people in attendance; 1 ODS Health Educator attendee.
15. 07/17/2023: Chaired SURG Prevention Subcommittee; 1 ODS Staff, 5 Board members, 30 attendees.
16. 07/17/2023: Participated in Focus Group facilitated by ESCALATE; 7 people in attendance; 6 ODS Staff attendees.
17. 07/18/2023: Chaired National Public Health Vending Machine Public Health Vending Machine (PHVM) Collaborative; 50 people in attendance; 1 ODS Health Educator attendee.
18. 07/18/2023: Attended Mental Health and Substance Use SHIP Subcommittee Meeting facilitated by NV state; ~20 people in attendance; 2 ODS Health Educator attendees.
19. 07/18/2023: Summit Plenary Discussion with Montana Institute facilitated by ODS Health Educator; 2 people in attendance; 1 ODS Health Educator attendee.
20. 07/19/2023 - 07/20/2023: Co-facilitated Empower Change training; 17 people in attendance from SNHD, Trac-B, AFAN, Community Outreach Medical Center, and Planned Parenthood; 2 ODS Health Educator attendees.
21. 07/20/2023: National Resource Center for Academic Detailing (NARCAD) Summer Academic Detailing Community Check-in; 15 people in attendance; 1 ODS Health Educator attendee.
22. 07/20/2023: AIDS Education and Training Centers (AETC) training: Diagnosing and Treating Congenital Syphilis; 100 people in attendance; 5 ODS Staff attendees.
23. 07/20/2023: CDC Community of Practice Harm Reduction Presentation by ODS Health Educator; 52 people in attendance; 1 ODS Health Educator attendee.

24. 07/25/2023: "SafeTALK Suicide Prevention" training facilitated by ODS Health Educator Staff; 19 people in attendance; 3 SNHD ODS staff attendees.
25. 07/25/2023: "Rethink Safe Sex Performance Presentation" facilitated by Rescue Agency; 4 people in attendance; 2 ODS Health Educator attendees.
26. 07/25/2023: Facilitated Naloxone Training - Moapa Vocational Rehabilitation Center; 10 people in attendance; 1 ODS Health Educator trainer.
27. 07/26/2023: Harm Reduction 101 training co-facilitated by ODS Health Educators; 9 people in attendance; 4 ODS Health Educator attendee.
28. 07/26/2023: Attended Las Vegas Ryan White Part A TGA Planning Council Meeting; 30 people in attendance; 2 ODS Health Educator attendees.
29. 07/26/2023: Leadership Development Training - How to Bring Your Skills to a New Level; 200 people in attendance; 2 ODS Health Educator attendees.
30. 07/26/2023: Reaccreditation - Public Health Accreditation Board Domain 1 and Domain 5 Check-In Meeting; 3 people in attendance; 2 ODS Staff Attendees.
31. 07/27/2023: Homeless Clients - Compassionate Solutions to Problematic Behavior Training; 10 people in attendance; 4 ODS Health Educator attendees.
32. 07/27/2023: Signs of Hope Site Visit facilitated by ODS Health Educator Supervisor; 9 people in attendance; 2 ODS Health Educator attendees.
33. 07/27/2023: "Advocacy and Policy Committee Call" facilitated by the Nevada Public Health Association; 20 people in attendance; 2 ODS Health Educator attendees.
34. 07/27/2023: Facilitated Naloxone Training - City of Las Vegas Prosecutors office; 10 people in attendance; 1 ODS Health Educator trainer.

**D. Other**

1. Communicable Disease Statistics: June 2023 and Quarter 2 2023 disease statistics are attached (see Table 1).



June 2023: Clark County Disease Statistics\*

Disease	2021		2022		2023	
	June	YTD	June	YTD	June	YTD
<b>VACCINE PREVENTABLE</b>						
Haemophilus influenzae, invasive	1	2	1	8	1	19
Hepatitis A	0	1	0	3	1	3
Hepatitis B, acute	2	8	0	13	1	9
Hepatitis B, chronic	44	276	47	353	129	554
Influenza	3	37	42	453	26	149
Pertussis	4	6	7	44	0	11
<b>SEXUALLY TRANSMITTED</b>						
Chlamydia	1132	6779	1060	6302	932	6166
Gonorrhea	618	3677	533	3201	446	2804
HIV	42	228	46	217	33	227
Stage 3 HIV (AIDS)	21	95	15	79	11	68
Syphilis (Early non-primary, non-secondary)	49	331	47	301	38	290
Syphilis (Primary & Secondary)	66	388	79	349	34	272
<b>CONGENITAL CONDITIONS</b>						
Hepatitis C, Perinatal Infection	0	2	0	0	0	1
Congenital Syphilis	1	17	6	29	1	30
<b>ENTERICS</b>						
Amebiasis	0	2	1	1	0	1
Campylobacteriosis	21	80	19	53	15	95
Cryptosporidiosis	1	5	1	9	1	4
Giardiasis	1	18	3	19	1	29
Rotavirus	5	14	14	121	24	63
Salmonellosis	21	84	12	79	23	95
Shiga toxin-producing E. coli (STEC)	12	27	4	44	10	24
Shigellosis	5	41	10	27	6	35
Vibriosis (Non-cholera Vibrio species infection)	0	0	0	0	1	2
Yersiniosis	2	7	0	3	1	7
<b>OTHER</b>						
Brucellosis	0	0	0	1	0	0
Coccidioidomycosis	20	92	9	65	12	127
Exposure, Chemical or Biological	0	1	0	1	0	1
Hepatitis C, acute	1	2	0	2	0	1
Hepatitis C, chronic	281	1687	264	1586	153	1618
Invasive Pneumococcal Disease	5	56	14	103	7	124
Lead Poisoning	8	54	13	72	5	70
Legionellosis	0	9	3	15	2	18
Listeriosis	0	0	1	3	0	0
Lyme Disease	2	5	1	3	0	0
Malaria	0	0	1	3	0	4
Meningitis, Aseptic	3	20	3	8	0	8
Meningitis, Bacterial Other	0	5	1	3	0	1
Meningitis, Fungal	0	4	0	0	0	0
Q Fever, acute	1	1	0	0	0	0
RSV	38	62	78	878	18	662
Rabies, exposure to a rabies susceptible animal	21	123	29	174	34	178
Spotted Fever Rickettsiosis	0	1	0	0	0	0
Streptococcal Toxic Shock Syndrome (STSS)	4	16	0	3	3	16
Tuberculosis (Active)	7	30	6	29	3	37

\*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.