



# Memorandum

**Date:** August 22, 2024

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

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**Subject:** Disease Surveillance & Control Division Monthly Activity Report – July 2024

## 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 2023	July 2024		YTD 23	YTD 24	
<b>Sexually Transmitted</b>						
<b>Chlamydia</b>	1011	898	↓	7207	7041	↓
<b>Gonorrhea</b>	481	394	↓	3283	2999	↓
<b>Primary Syphilis</b>	21	9	↓	137	90	↓
<b>Secondary Syphilis</b>	28	14	↓	203	137	↓
<b>Early Non-Primary, Non-Secondary<sup>1</sup></b>	60	19	↓	367	334	↓
<b>Syphilis Unknown Duration or Late<sup>2</sup></b>	111	63	↓	865	799	↓
<b>Congenital Syphilis (presumptive)</b>	1	4	↑	31	20	↓
<b>Moms and Babies Surveillance</b>						
<b>HIV Pregnant Cases</b>	1	2	↑	17	29	↑
<b>Syphilis Pregnant Cases</b>	19	7	↓	108	77	↓
<b>Perinatally Exposed to HIV</b>	0	0	→	1	18	↑
<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						
	July 2023	July 2024		YTD 23	YTD 24	
<b>Vaccine Preventable</b>						
<b>Haemophilus influenzae, invasive disease</b>	1	4	↑	20	30	↑
<b>Hepatitis A</b>	1	1	→	4	4	→
<b>Hepatitis B, acute</b>	3	3	→	17	21	↑
<b>Influenza</b>	22	11	↓	188	697	↑

	July 2023	July 2024		YTD 23	YTD 24	
Pertussis	3	1	↓	15	37	↑
RSV	14	8	↓	679	1934	↑
<b>Enteric Illness</b>						
Amebiasis	1	0	↓	2	3	↑
Campylobacteriosis	21	12	↓	119	130	↑
Cryptosporidiosis	0	2	↑	5	18	↑
Giardiasis	8	3	↓	41	33	↓
Rotavirus	18	6	↓	86	105	↑
Salmonellosis	18	11	↓	116	83	↓
Shiga toxin-producing Escherichia coli (STEC)	9	3	↓	33	43	↑
Shigellosis	4	4	→	42	78	↑
Yersiniosis	1	2	↑	9	24	↑
<b>Other</b>						
Candida auris	44	132	↑	345	1068	↑
Carbapenem-resistant Enterobacterales (CRE)	20	49	↑	89	355	↑
Coccidioidomycosis	21	12	↓	158	119	↓
Hepatitis C, acute	0	1	↑	1	9	↑
Invasive Pneumococcal Disease	12	7	↓	137	150	↑
Lead Poisoning	19	1	↓	106	77	↓
Legionellosis	3	5	↑	21	18	↓
Meningitis, aseptic	7	0	↓	16	14	↓
Meningitis, Bacterial Other	1	0	↓	3	2	↓
Streptococcal Toxic Shock Syndrome (STSS)	3	3	→	20	25	↑
New Active TB Cases Counted (<15 yo)	0	1	↑	2	3	↑
New Active TB Cases Counted (>= 15 yo)	6	7	↑	44	40	↓

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	27	0	38	3
Gonorrhea	12	1	20	0
Syphilis	22	0	182	1
HIV/AIDS (New to Care/Returning to Care)	34	2	107	0
Tuberculosis	16	0	15	1
<b>TOTAL</b>	<b>111</b>	<b>3</b>	<b>362</b>	<b>5</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 Activities

ACDC is transitioning Covid public health response to align with state guidance and CDC recommendations. Universal case investigation has not been recommended by the CDC since 2022. Surveillance for Covid-19 will prioritize hospitalizations and deaths while maintaining ongoing laboratory surveillance and adjusting as needed per the NVDPBH requirements.

4. Disease and Outbreak Investigations

- a. **Mpox:** As of July 29, 2024, Clark County had 316 cases of mpox.
- b. **Shigella Sonnei Cluster:** ACDC and OIE staff are conducting an ongoing investigation into a local cluster of *Shigella sonnei*. Approximately 24 persons have this serotype with closely matching whole genome sequencing, which is a significant portion of the *Shigella* cases reported to SNHD this year. Hypothesis generating questionnaires were administered to the affected individuals, however a common source of illness was not identified. This investigation was re-opened.
- c. **Legionellosis cluster:** On June 11, 2024, ACDC received a report from a local hospital reporting 3 cases of Legionellosis on the same day. A cluster investigation was initiated because all three cases resided within a small radius geographically. Three additional cases were identified in the same geographic area in the previous two months. ACDC, OIE and Environmental Health consulted with the CDC and environmental health set up a rigorous testing schedule based on the epidemiological findings of this investigation. SNHD has partnered with the state to assess and evaluate two state licensed facilities during this investigation. This investigation is ongoing.
- d. **Legionellosis Investigation associated with hotel and resort:** The Southern Nevada Health District is investigating two travel-associated cases of Legionnaires' disease in guests who stayed at Caesars Palace Hotel and Casino. On two occasions during the last six months, individuals were diagnosed with Legionnaires' disease shortly after a stay at Caesars Palace Hotel and Casino. One individual stayed during December 2023; the other individual stayed during June 2024. Water sampling was conducted after learning of each case. Water sampling after the first case was conducted and all samples tested negative for Legionella. Water sampling from the property's Palace Tower was conducted this month after learning of the second case. Nineteen initial samples were taken at various points in the water system. One sample tested positive for Legionella; all other samples tested negative. The facility conducted remediation of the water system and subsequent testing has come back negative. The facility is cooperating with the Health District's investigation and steps to notify guests of the potential for exposure and ways to minimize risk are underway. This investigation is ongoing.
- e. **Large Scale TB Contact Investigation:** ODS received a report of an active TB case in June 2024 that involved an exposure within the Clark County

School District. ODS has coordinated onsite testing at SNHD that will be held August 5 and 6.

- f. **West Nile Virus Season:** WNV season began with an extremely high positivity rate in mosquitoes beginning in May 2024. The first human case was reported in June. In the month of July, ACDC conducted 16 WNV investigations with 7 of those being classified as cases.

**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. SNHD is also distributing naloxone through the CDC’s Overdose Data to Action (OD2A) funding. 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:

Naloxone Distribution	Agency	# Trained	# of Naloxone doses distributed
7/2/2024	SNHD Pharmacy		180
7/2/2024	Foundation for Recovery		504
7/2/2024	Desert Winds		48
7/2/2024	Wellpath		312
7/3/2024	Las Vegas Comprehensive Treatment Center		312
7/3/2024	The Center		720
7/10/2024	Las Vegas Valley Water District		96
7/10/2024	AIDS HEALTHCARE FOUNDATION		312
7/10/2024	Puentes		216
7/10/2024	Rio Hotel and Casino		48
7/10/2024	Silverton Casino		24
7/10/2024	NDOC - Southern Desert	22	192
7/11/2024	SNHD - Pharmacy Fremont		72
7/11/2024	Hope Christian Health Center		216
7/11/2024	The Cupcake Girls		408
7/11/2024	Henderson Police Dept		264
7/11/2024	Las Vegas Fire and Rescue		240
7/11/2024	Henderson Police Dept		-3

7/11/2024	Olive Crest	11	
7/11/2024	SNHD - L2A		3
7/16/2024	Sco-ville		4
7/16/2024	Outreach	55	110
7/17/2024	Wells Cargo	30	
7/17/2024	Boulder City Police Dept		48
7/17/2024	Valley View Community Cares		816
7/17/2024	Nevada Highway Patrol		24
7/17/2024	Arkos Health		192
7/18/2024	Clark County Coroner's office		96
7/18/2024	Henderson Comprehensive Treatment Center		312
7/18/2024	Olive Crest		24
7/18/2024	Sierra Sage Clinical Services		24
7/18/2024	Happy Campers		96
7/18/2024	Fifth Sun Project		24
7/18/2024	UNLV - Pharmacy		408
7/18/2024	MGM Resorts		60
7/18/2024	Boulder City Municipal Court	12	72
7/18/2024	Outreach	55	110
7/18/2024	Outreach	10	20
7/18/2024	UNLV Health Mojave Counseling		24
7/24/2024	Crossroads		300
7/23/2024	UNLV - Cardiff Project	5	
7/24/2024	Crossroads	15	
7/31/2024	FAITH Behavioral Health	5	
<b>Total</b>		<b>220</b>	<b>6928</b>

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

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

<b>FTS Distribution</b>		
7/2/2024	The Center	(400 strips)
7/3/2024	Wellpath at CCDC	(300 strips)
7/3/2024	SNHD Pharmacy	(300 strips)
7/3/2024	Desert Winds Recovery/ First Dawn Recovery	(300 strips)
7/9/2024	SNHD Linkage to Action Team	(100 strips)
7/10/2024	Valley View Community Cares	(2400 strips)
7/17/2024	Sco-ville	(300 strips)
7/17/2024	Comprehensive Treatment Center	(300 strips)

7/24/2024	Trac-B/Impact Exchange	(500 strips)
7/24/2024	Happy Camper Overdose Response	(1000 strips)
7/24/2024	Crossroads of Southern Nevada	(300 strips)
7/31/2024	Sin Sity Sisters of Perpetual Indulgence Inc	(300 strips)
7/31/2024	Henderson Angels	(300 strips)
7/31/2024	Catholic Charities	(300 strips)
<b>Total FTS:</b>		<b>7,100</b>
<b>XTS Distribution</b>		
7/2/2024	The Center	(300 strips)
7/3/2024	Desert Winds Recovery/ First Dawn Recovery	(300 strips)
7/10/2024	Scoville	(300 strips)
7/10/2024	Valley View Community Cares	(2600 strips)
7/17/2024	Happy Camper Overdose Response	(1000 strips)
7/17/2024	Southern Nevada Health District	(100 strips)
7/17/2024	Trac-B/Impact Exchange	(500 strips)
7/24/2024	Catholic Charities	(300 strips)
<b>Total XTS:</b>		<b>5,400</b>

**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 collaborate with community partners to participate at various outreach events. This month we were a part of the City of North Las Vegas Jumpin' July Pop-Up Event at Tonopah Park. Tonopah Park is located at 204 E. Tonopah Ave. and is very close to the homeless shelters and services off Owens and Main St. The City of North Las Vegas holds this event periodically to focus on areas where our homeless populations congregate in order to provide numerous services onsite that they may need. The locations will rotate as determined by the organizers. Our continued collaboration and presence at events like these in the community is key to gaining community trust and to help destigmatize HIV/STI testing which is vital to ending the HIV epidemic.

- c. Distribution is ongoing - TB Surveillance developed a laminated flyer titled "Is it TB?" The content includes messaging that encourages providers to "think TB" when talking to their patients about their risks and symptoms. Additionally, there is reporting information and a QR code that links to the provider education training:  
<https://lp.constantcontactpages.com/su/p26ucWo/TBRRegistration>

**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	June-23	June-24		YTD 23	YTD 24	
Outreach/Targeted Testing	865	657	↓	7195	7259	↑
Clinic Screening (SHC/FPC/TB)	183	312	↑	2338	2399	↑
Outreach Screening (Jails, SAPTA)	322	227	↓	1905	1702	↓
Collect2 Protect	12	4	↓	115	63	↓
<b>TOTAL</b>	<b>1382</b>	<b>1200</b>	<b>↓</b>	<b>11553</b>	<b>11423</b>	<b>↓</b>
Outreach/Targeted Testing POSITIVE	2	1	↓	46	22	↓
Clinic Screening (SHC/FPC/TB) POSITIVE	1	0	↓	7	4	↓
Outreach Screening (Jails, SAPTA) POSITIVE	1	0	↓	8	2	↓
Collect2 Protect POSITIVE	0	0	→	0	0	→
<b>TOTAL POSITIVES</b>	<b>4</b>	<b>1</b>	<b>↓</b>	<b>61</b>	<b>28</b>	<b>↓</b>

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

1. 07/01/2024: Launched CredibleMinds platform and hosted a launch party for community partners; 7 people in attendance; 2 SNHD ODS staff attendees.
2. 07/01/2024: Presentation to Valley Health residents on Health Education in ODS/SNHD; 10 people in attendance; 1 ODS health educator attendee.
3. 07/02/2024: Facilitated Training of Trainers on Overdose Response with Naloxone; 6 people in attendance; 1 ODS health educator attendee.
4. 07/03/2024: Completed interview about CredibleMinds in Spanish with Univision; 1 person in attendance; 1 ODS health educator attendee.
5. 07/05/2024: Provided CredibleMinds interview to ARC News3LV; 4 people in attendance; 1 ODS health educator attendee.
6. 07/08/2024: Presented to the Public Health Advisory Board on the Community Status Assessment Survey and Updates; 40 people in attendance; 2 ODS health educator attendees.
7. 07/09/2024: Presented at Nevada 2-1-1 meeting for CHA and SNSMOPS; ~30 people in attendance; 1 ODS health educator attendee.
8. 07/10/2024: Meeting with Pima County to provide technical assistance on SNHD's Naloxone Distribution plan; 4 people in attendance, 2 ODS health educator attendees.

9. 07/10/2024: Facilitated "Mental Health in Corrections; 2 people in attendance; 2 ODS health educator attendees.
10. 07/10/2024: Podcast interview on the Community Status Assessment survey with "A Healthier Tomorrow" hosted by Will Rucker; 4 people in attendance; 2 SNHD ODS Staff attendees.
11. 07/10/2024: Facilitated Naloxone Training implementation with Warden at Southern Desert Correctional Center; 6 people in attendance, 2 SNHD ODS staff attendees.
12. 07/10/2024: Attended AG's SURG meeting as appointed representative from Clark County, NV; 60 people in attendance, 1 ODS health educator attendee.
13. 07/11/2024: Presented on CredibleMinds to SNHD and CPLC mitigation meeting; 10 people in attendance; 5 SNHD ODS staff attendees.
14. 07/15/2024: Facilitated meeting with Las Vegas Metro Narcotics and Safety leadership Re: Fentanyl Exposure Risk and Training initiatives; 10 people in attendance, 3 SNHD ODS attendees.
15. 07/16/2024: Presented on CredibleMinds at the Nevada Goes Falls Free Coalition meeting; 14 people in attendance; 2 SNHD ODS health educator attendees.
16. 07/17/2024: Hosted CDC for a SUID/SDY Grant Site Visit and facilitated a community partner meeting; 15 people attended; 6 SNHD ODS staff attendees.
17. 07/17/2024: Attended Southern Nevada Health Consortium Meeting facilitated by the Southern Nevada Health Consortium; 20 people in attendance; 1 ODS health educator attendee.
18. 07/18/2024: Attended Clark County Task Force Meeting as appointed representative; 20 people in attendance, 1 ODS health educator attendee.
19. 07/23/2024: Co-facilitated "Youth Mental Health First Aid" training; 15 people in attendance, 4 SNHD ODS staff attendees.
20. 07/24/2024: Provided CredibleMinds interview to "A Healthier Tomorrow" podcast; 3 people in attendance; 1 ODS health educator attendee.
21. 07/24/2024: Presented on CredibleMinds at PACT Coalition monthly meeting; ~30 people in attendance; 3 SNHD ODS staff attendees.
22. 07/24/2024 – 07/25/2024: Facilitated Empower Change Rapid HIV Testing and Counseling Training; 13 attendees; 4 ODS staff attendees.
23. 07/25/2024: Attended and Presented at SNOAC General Meeting; ~75 people in attendance, 5 SNHD ODS attendees.
24. 07/25/2024: Presented to the Southern Nevada District Board of Health on the Community Health Assessment Update and Survey Launch; 60 people in attendance; 1 ODS Health Educator attendee.
25. 07/30/2024: Facilitated "Mental Health First Aid for Adults; 22 people in attendance; 1 ODS health educator attendee.
26. 07/31/2024: Attended Las Vegas Ryan White TGA Part A Planning Council Meeting as appointed representative; 30 people in attendance; 2 SNHD ODS staff attendees.

**D. Other**

1. Communicable Disease Statistics: June 2024 and Quarter 2 2024 disease statistics are attached (see Table 1).