



# Memorandum

**Date:** October 9, 2023

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

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

**Subject:** Disease Surveillance & Control Division Monthly Activity Report – September 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.

	Sept 2022	Sept 2023		YTD 22	YTD 23	
<b>Sexually Transmitted</b>						
Chlamydia	1025	1057	↑	9601	9666	↑
Gonorrhea	504	458	↓	4782	4368	↓
Primary Syphilis	31	13	↓	220	170	↓
Secondary Syphilis	35	17	↓	337	251	↓
Early Non-Primary, Non-Secondary <sup>1</sup>	56	25	↓	491	453	↓
Syphilis Unknown Duration or Late <sup>2</sup>	103	74	↓	1126	1048	↓
Congenital Syphilis (presumptive)	1	2	↑	36	48	↑
<b>Moms and Babies Surveillance</b>						
HIV Pregnant Cases	2	1	↓	24	23	↓
Syphilis Pregnant Cases	14	25	↑	179	247	↑
Perinatally Exposed to HIV	2	1	↓	16	17	↑
<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	2	4	↑	15	25	↑
Hepatitis A	0	0	→	6	6	→
Hepatitis B, acute	1	1	→	17	19	↑
Influenza	4	8	↑	476	201	↓
Pertussis	13	2	↓	63	19	↓

	Sept 2022	Sept 2023		YTD 22	YTD 23	
<b>Enteric Illness</b>						
<b>Campylobacteriosis</b>	11	10	↓	93	137	↑
<b>Cryptosporidiosis</b>	0	3	↑	12	8	↓
<b>Giardiasis</b>	4	0	↓	36	41	↑
<b>Rotavirus</b>	1	7	↑	126	96	↓
<b>Salmonellosis</b>	16	12	↓	122	151	↑
<b>Shiga toxin-producing Escherichia coli (STEC)</b>	3	3	→	54	39	↓
<b>Shigellosis</b>	6	5	↓	54	55	↑
<b>Other</b>						
<b>Coccidioidomycosis</b>	15	15	→	108	192	↑
<b>Candida auris</b>	35	57	↑	306	425	↑
<b>Hepatitis C, acute</b>	0	0	→	3	3	→
<b>Invasive Pneumococcal Disease</b>	10	9	↓	126	149	↑
<b>Lead Poisoning</b>	7	4	↓	97	122	↑
<b>Legionellosis</b>	3	2	↓	22	26	↑
<b>Meningitis, aseptic</b>	7	3	↓	25	22	↓
<b>Meningitis, Bacterial Other</b>	0	2	↑	6	7	↑
<b>Streptococcal Toxic Shock Syndrome (STSS)</b>	0	1	↑	5	24	↑
<b>New Active TB Cases Counted (&lt;15 yo)</b>	0	0	→	1	2	↑
<b>New Active TB Cases Counted (&gt;= 15 yo)</b>	5	5	→	42	52	↑

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>
<b>Chlamydia</b>	18	0	31	0
<b>Gonorrhea</b>	2	0	15	0
<b>Syphilis</b>	31	4	256	0
<b>HIV/AIDS (New to Care/Returning to Care)</b>	32	0	98	0
<b>Tuberculosis</b>	14	0	8	1
<b>TOTAL</b>	97	4	408	1

<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: 20
    - 1. Lead CTs – 4

## 2. Contact Tracers; investigators and outreach – 16

- 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 September 27, 2023, Clark County had 609,582 cases; 9,465 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 September 30, 2023, Clark County had 296 cases of monkeypox.
- c. **Travel associated Legionella investigations:** Disease Surveillance and Control in partnership with Environmental Health continued two separate Legionnaire's Disease investigations associated with two separate facilities in Clark County. Notifications, case finding efforts and remediation were initiated. DSC and EH continue to monitor the water systems and sample collection results, and these investigations have been closed. have shown negative test results. This investigation has been closed.

## 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 September:

<b>Naloxone Distribution</b>	<b>Agency</b>	<b># of Naloxone doses distributed</b>
9/5/2023	Thrive Solutions - Treatment and Wellness	200
9/6/2023	Moapa Tribal Vocational Rehabilitation	44
9/6/2023	Signs of Hope	400
9/7/2023	WESTCARE	640
9/7/2023	The Center	400
9/7/2023	Desert Hope	120
9/7/2023	Roseman University - EMPOWERED Program	200
9/7/2023	The Cupcake Girls	350
9/7/2023	Henderson Comprehensive Treatment Center	100
9/7/2023	NAMI	100
9/12/2023	Shine a Light	200
9/7/2023	UNLV SAFE Program - Fraternity and Sorority Parties	140
9/14/2023	Nevada Department of Wildlife	12
9/14/2023	Red Rock Search and Rescue	196
9/20/2023	City of Las Vegas - Dept of Public Safety	74
9/21/2023	LVMPD	350
9/21/2023	Clark County Fire Dept	60
9/21/2023	Dollar Loan Center	64
9/21/2023	LAS VEGAS DAY SCHOOL	10
9/21/2023	Happy Camper Overdose Response	100
9/26/2023	Crossroads	500
9/26/2023	TINHIH	800
<b>Total</b>		<b>5,060</b>

- 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 September:

09/07/2023 Cupcake Girls (400 Strips)  
09/11/2023 SNHD Pharmacy (600 Strips)  
09/14/2023 SNHD Linkage to Action Team (100 Strips)  
09/15/2023 SNHD Linkage to Action Team (300 Strips)  
09/18/2023 We Need Each Other (500 Strips)  
09/20/2023 Crossroads of Southern Nevada (2400 Strips)  
09/26/2023 Happy Camper Overdose Response (900 Strips)  
09/27/2023 There is No Hero in Heroin (300 Strips)  
09/28/2023 SNHD Office of Disease Surveillance (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.

<b>Office of Disease Surveillance- HIV Prevention Screening/Testing Efforts</b>						
<b>Prevention - SNHD HIV Testing</b>	<b>Sept -22</b>	<b>Sept-23</b>		<b>YTD 22</b>	<b>YTD 23</b>	
<b>Outreach/Targeted Testing</b>	1039	451	↓	2921	8705	↑
<b>Clinic Screening (SHC/FPC/TB)</b>	383	409	↑	970	2966	↑
<b>Outreach Screening (Jails, SAPTA)</b>	135	237	↑	572	2508	↑
<b>Collect2 Protect</b>	14	2	↓	75	128	↑
<b>TOTAL</b>	1571	1099	↓	4538	14307	↑
<b>Outreach/Targeted Testing POSITIVE</b>	6	0	↓	19	48	↑
<b>Clinic Screening (SHC/FPC/TB) POSITIVE</b>	1	0	↓	1	9	↑
<b>Outreach Screening (Jails, SAPTA) POSITIVE</b>	0	1	↑	2	9	↑
<b>Collect2 Protect POSITIVE</b>	0	0		0	0	↑
<b>TOTAL POSITIVES</b>	7	1	↓	22	66	↑

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

1. 09/05/2023: Attended Nevada Congenital Syphilis Steering Committee Meeting; 22 people in attendance; 11 ODS Staff attendees.
2. 09/06/2023: Facilitated Naloxone Training (Training of Trainers) - Las Vegas Day School; 2 people in attendance; 1 ODS Health Educator trainer.
3. 09/12/2023: Facilitated Naloxone Training - SNHD Vaccine Clinic Staff; 21 people in attendance; 1 ODS Health Educator trainer.
4. 09/13/2023: Present and attend Nevada Cross-Sector Task Force (Joint ACRN + SURG) meeting; 60 people in attendance; 1 ODS Health Educator attendee.
5. 09/15/2023: LIMA Program (Law Enforcement Intervention for Mental Health and Addiction) graduation attended by ODS Health Educator Staff; ~100 people in attendance; 2 SNHD ODS staff attendees.
6. 09/18/2023: Clark County Children's Mental Health Consortium (CCCMHC) Public Awareness Workgroup meeting attended by ODS Health Educator Staff as a representative; ~10 people in attendance from multiple agencies; 1 SNHD ODS staff attendee.
7. 09/18/23-09/20/23: Attended Infectious Disease Forecasting Workshop hosted by CSTE and CDC in Atlanta, GA; 100 people in attendance; 1 ACDC attendee.
8. 09/19/2023: Chaired National Public Health Vending Machine (PHVM) Collaborative; 50 people in attendance; 1 ODS Health Educator attendee.
9. 09/20/2023: Facilitated Naloxone Training - City of Las Vegas Detention Staff; 32 people in attendance; 1 ODS Health Educator trainer.
10. 09/21/2023: Chaired SURG Prevention Subcommittee; 30 people in attendance; 1 ODS Health Educator attendee.
11. 09/21/2023: Southern Nevada Human Trafficking Task Force (SNHTTF) victim services committee presentation facilitated by ODS Health Educator Staff; ~15 people in attendance; 1 SNHD ODS staff attendee.
12. 09/21/2023: EMPOWER Panel attended by ODS Health Educator Staff; ~60 people in attendance; 1 SNHD ODS staff attendee.

13. 09/25/2023: Facilitated Naloxone Training - SNHD Staff; 19 people in attendance; 1 ODS Health Educator trainer.
14. 09/26/2023: "SafeTALK Suicide Prevention" training facilitated by ODS Health Educator Staff; 10 people in attendance; 2 SNHD ODS staff attendees.
15. 09/26/2023: Attended HHS Hispanic Health Summit; ~1000 people in attendance; 1 ODS Health Educator attendee.
16. 09/28/2023: Fentanyl Test Strip Training facilitated by ODS Health Educator; ~40 people in attendance.
17. 09/28/2023: Facilitated Naloxone Training - Health Plan of Nevada; 12 people in attendance; 1 ODS Health Educator trainer.
18. 09/29/2023: Present to Big Cities Health Coalition Health Directors on vending machines for PHVM and COVID-19 test kits; 30 people in attendance; 2 ODS attendees.

**D. Other**

1. Communicable Disease Statistics: August 2023 disease statistics are attached (see Table 1).

**MONTHLY REPORT – September 2023**

**OFFICE OF INFORMATICS AND EPIDEMIOLOGY (OIE)**

**A. EpiTrax and Data Warehouse**

- a. Work with Epi and Surveillance teams to monitor system and applications, and investigate, review, troubleshoot, and resolve issues. Continuous user account support and form updates.
- b. Continue to update and enhance Data Warehouse- standardize schemas and coded values, update facilities and hospital data, and standardize event\_type column values in all tables.
- c. Continue working on Pentaho report updates.
- d. Continue migrating scheduled tasks to Airflow server.
- e. Perform daily task/issue review with Informatics team and weekly review with Epi teams, Surveillance teams and end users. Continuing management of Teams tasks to resolve issues. 269 tasks have been completed.
- f. Continue working on migrating internal processes from Trisano to EpiTrax. Completed Migration of Online Morbidity process.
- g. EpiTrax COVID case closure at 60% complete.
- h. Maintain QA dictionary with updates and modifications.

**B. Electronic Message Staging Area (EMSA)**

- a. Maintain and enhance systems and provide support to staff.
- b. Continue to work on EMSA2: mapping new codes, incoming labs, data processing and logic review for exceptions and errors.
- c. Testing new Electronic Laboratory Reports (ELR) from United Health Services.
- d. Message exception review sessions.
- e. Onboarded 1 new provider.

- C. Southern Nevada Public Health Laboratory (SNPHL)**
- a. interoperate with other internal and external systems. Ongoing interface upkeep with full data clean-up, security updates, and server maintenance. 25% complete. Has been set as a priority as requested by Harvest.
  - b. Continue National Respiratory and Enteric Virus Surveillance System (NREVSS) support.
  - c. Continue working on Laboratory Response Network- Biological Agents (LRN-B) interface and automated delivery feed. Continue meetings with CDC and LRN staff to complete this project. Project is 75% complete. Sending HL7 messages to CDC for validation.
  - d. Continue SNPHL data warehouse cleanup and maintenance.
  - e. Maintain COVID interface between instruments, COVID POD app and Orchard, to include COVID testing and reporting as needed. Implementing combined testing for SNPHL of Covid/Flu for certain testing locations. Modifications will be needed for the current automated processes to support this change. A temporary result delivery system for providers was created based on NPI number and location. System is ready for implementation.
  - f. Continue exploring the acquisition and implementation of the Outreach Module for Orchard to make specimen ordering and result delivery from/to partners more efficient and timelier. Due June 2024, 25% completed.
  - g. Continue working on ETOR (Outreach) web portal.
  - h. Preparations and quotes for three new interfaces for clinical instruments. Received documentation for two Sysmex machine, setting up orderable.
- D. Electronic Health Record (EHR) System**
- i. Maintain the system for COVID test ordering and COVID vaccination. Configuration modifications to improve charting, reporting efficiency and to accommodate new locations and services.
  - ii. Continue data transfer to Wellpartner on prescription notification from eClinicalWorks (eCW).
  - iii. New Strategic Account Manager with (eCW). Discussion on prioritizing projects and tickets.
  - iv. Testing data extract from eCW using Fast Healthcare Interoperability Resources (FHIR). Continue evaluating, preparing, and testing to migrate eCW to the Cloud version. Setting up the test environment.
  - v. Pre/Post implementation checks with Azara.
  - vi. New configurations built for Primary and Preventive Sexual Health Outreach and Prevention Program (PPC-SHOPP), e.g., POC Tests, Resources, and Facilities.
  - vii. HPV Survey Patient Consent build.
- E. Clark County Coroner's Office (CCCO)**
- a. Continue to provide support to CCCO on new CME implementation, testing, data requests, and reports. Testing the customized system, assisting staff with configuration, and verifying details and changes with vendor.
  - b. Fulfill internal and external data requests using aggregated death data.
  - c. Addressed FBI form submission issue.



**F. COVID19 Support**

- a. Maintain COVID interface between instruments, COVID POD app and Orchard, to include COVID testing and reporting as needed.
- b. Provide support by automating COVID19 hospitalization notifications, demographic extracts, lab tests and treatment information from HIE CCDs for public health surveillance.
- c. Maintain and update COVID19 dashboard to include COVID19 reinfections, COVID19 maps, lab testing, ED admission trend analysis and other urgent data requests. Started process redesign of dashboard tabs.
- d. Maintain and enhance COVID19 lab results portal.
- e. Attend bi-weekly meetings with UNLV for COVID19 race/ethnicity data geocoding and geospatial analysis.
- f. Bi-weekly upload of State COVID vaccine files.
- g. Maintenance of data pipeline from Nevada Hospital Association for occupied beds. Six more metrics were added to pull data

**G. API Server**

- i. Continue new API server testing for internal processes and 3<sup>rd</sup> party app.
- ii. Development of data import form OCR project into EpiTrax using API is 40% completed. Attending ongoing meetings.
- iii. Review Weblz API provided by HIE.

**H. Data Modernization Initiative (DMI)**

- a. Continue to work with the State on DMI project. eCR review for USH/prime implementation date and progress.
- b. eCR onboarding and RCKMS training.
- c. Completed MMG mapping for generic (common) fields. Continue setting up and troubleshooting NMI process to be able to generate HL7 for mapped conditions.
- d. Continue working on OCR project pipeline into EpiTrax using Mongo and web services. Created initial relational DB schema.
- e. State GENV2 Generic MMG excel document comparison.
- f. State and SNHD file merge planning with CDC.

**I. National Syndromic Surveillance Platform/Electronic Surveillance System for the Early Notification of Community-Based Epidemics (ESSENCE)**

- a. Continue to maintain and enhance syndromic system for new providers and future support.
- b. Continue to work with United Health Services (UHS) on their transition from Cerner's HealthSentry platform to Public Health Surveillance platform.

**J. Grant Updates**

- a. HIENV grant workplan completed (FHIR/eCR)
- b. ELC work plan and budget updates completed.
- c. Conference on Retroviruses and Opportunistic Infections (CROI) abstract completed.

**K. Reports**

- i. The following FQHC/Clinical reports were completed and submitted:
  - CDC Data reporting, STD Clinic EHE Learning Community Working Group
  - FOCUS reports for September
  - SNHD Mpox Vaccine Report
  - Family Planning Telehealth Grant Progress Report
  - RW HIV Quality Measurement report
  - UCSD study report, eCW global alert
  - LabCorp & Quest CPL Lab system Setup report
  - Immunization Fremont Clinic Validation Report
  - Positive Syphilis Results
  - Immunization Boulevard Mall
  - Non SNPHL Self Pay Patient Report
  - Provider Referral Report for FP
  
- ii. Epidemiology Reports:
  - COVID-19 trend reports (public and internal versions)
  - Data quality reports to support the Office of Disease Surveillance's activities and STD/HIV grant deliverables.
  - Monthly - Drug Overdose Report – Internal
  - Monthly - BOH report
  - Annual - Trauma Needs Assessment Review
  - Ran daily, biweekly, bimonthly, and monthly COVID reports.
  - Submitted quarterly reports to ODS for HCV state grant.
  - Weekly Mpox case and vaccination report
  - Ongoing monthly and quarterly reports for FOCUS HIV grant project
  - Monthly heat related deaths and ED visits
  - Monthly arbovirus surveillance report
  
- iii. Other report updates:
  - Working on Sunrise ELR reporting issue; since the data cannot be sent in the ELR feed, they are working on sending a file with the backlog from 2/1/2023 through 7/1/2023 to see if we can utilize this data as sent.
  - Updated HIV Pediatric monthly summary report, OEDS/STD BOH referral basis reports, HIV PrEP referral report, pHEP Grant Capability report and TB Case summary report as part of EpiTrax migration.
  - Daily, weekly, and monthly SNPHL reports and upkeep.
  - State NETSS weekly/YTD report
  - Working on the Health Southern Nevada, Chronic Disease Dashboard.
  - CSTE/CDC Forecasting Workgroup
  - Influenza report updates completed.
  - STD/HIV AAPPS report completed.

**L. Training**

- i. Staff attended and/or completed the following trainings, conferences, presentations, and webinars:
  - Leads Training, Sr. Epidemiologist and Sr. Scientist
  - SAS Explore Conference at the Aria, 2 Epidemiology staff, CSTE applied Epi Fellows and 1 Informatics staff attended.
  - Attended ACDC PowerPoint Presentation on eCR/CCD (data warehouse)
  - EpiTrax consortium onsite conference
  - Hosted the annual EpiTrax Consortium Meeting
  - NEOGOV policies
  - CSTE Pregnancy Status Reporting webinar
  - Data Modernization Workshop webinar
  - EPI OCR working meetings.
  - Attended DMI workshop.
  - EpiTrax consortium meetings
    - Release manager meeting
    - Technical discussion
    - User collaboration

**M. Contracts**

- i. Working on interlocal agreements with Clark County Coroner's Office for NRVDRS SUDORS and SUDI/SDY Registry Grants
- ii. Completed RWCQM interlocal agreement with Clark County
- iii. Completed new contract with HIE.

**N. Other Projects**

- i. Continue to maintain and enhance iCircle web application for OEDS. Continuous user account support, site maintenance, data corrections and updates.
- ii. Continue to meet and work on UNLV Base model project.
- iii. UNLV Wastewater training planning.
- iv. Informatics Service Requests completed.
- v. Assist Epidemiology and Surveillance programs, Office of EMS/Trauma System, Environmental Health, and Clinic Services with various data requests, data exports, and report generation.
- vi. Support online sign-up application for Syringe Vending (harm reduction) for Trac-b.
- vii. Working on Women's Health Associates of Southern Nevada (WHASN) ELR feed implementation.
- viii. Maintenance of the NHA Data Webservice Script.
- ix. OD2A phase 2 kick-off meeting. Began Component B workplan documentation, dashboard planning and L2A and Trac-B data exports.
- x. Mpox/Alchemer vaccine reminder campaigns in process. Held campaign 1 in early-Sept and Campaign 2 in mid-September. Completed 2600 SMS + 60 emails for each campaign.
- xi. Monthly Presentation on Death certificates for Residents doing rotations at SNHD.
- xii. NVCLPPP lead portal data review and quarterly advisory board meeting. Completed lead portal excel sheet SOGI questions.
- xiii. Health Southern Nevada quarterly check in regarding new website dashboard updates.
- xiv. Utah eCR setup review.
- xv. Assist with Legionella investigations at Ceasar's Palace and the Orleans by developing a survey, monitoring responses and screening cases for investigation by DIIS.
- xvi. Developed survey for response to possible heavy metal contamination of supplements. Will be used if calls are received from individuals who are concerned about illness due to taking the supplements.

- xvii. Submitted abstract on the Orleans legionella investigation for IDWeek.
- xviii. Planning and analysis of data for the October TB Cohort meeting.
- xix. The University of Nevada, Reno's CASAT program is a recipient of SAMHSA's State Opioid Response (SOR) funding, they in turn provided a subaward to SNHD for over \$460,000 to purchase 22,440 doses of naloxone due to the high demand in Clark County. The naloxone was received on September 27, 2023.
- xx. Added EPT permission to all clinical staff.
- xxi. Assist with planning enhanced surveillance for the Formula 1 event in November 2023 and Superbowl in February 2024.
- xxii. Began Health Disparities dashboard platform discussions.



August 2023: Clark County Disease Statistics\*

Disease	2021		2022		2023	
	AUG	YTD	AUG	YTD	AUG	YTD
<b>VACCINE PREVENTABLE</b>						
Haemophilus influenzae, invasive	3	7	4	13	1	21
Hepatitis A	0	1	2	6	2	6
Hepatitis B, acute	1	12	1	16	4	17
Hepatitis B, chronic	61	412	67	525	125	826
Influenza	3	44	3	472	16	193
Pertussis	2	12	4	50	2	15
<b>SEXUALLY TRANSMITTED</b>						
Chlamydia	1080	8981	1176	8568	1212	8495
Gonorrhea	600	4967	547	4274	507	3829
HIV	39	312	55	309	36	315
Stage 3 HIV (AIDS)	18	130	21	116	12	103
Syphilis (Early non-primary, non-secondary)	58	449	72	435	57	415
Syphilis (Primary & Secondary)	67	514	68	490	47	381
<b>CONGENITAL CONDITIONS</b>						
Hepatitis C, Perinatal Infection	0	3	0	0	0	1
Congenital Syphilis	2	21	1	35	4	35
<b>ENTERICS</b>						
Amebiasis	0	2	0	1	0	2
Campylobacteriosis	8	102	17	82	11	126
Cryptosporidiosis	3	11	3	12	1	5
Giardiasis	5	25	7	32	4	40
Rotavirus	4	22	0	125	8	89
Salmonellosis	9	106	13	106	24	140
Shiga toxin-producing <i>E. coli</i> (STEC)	3	44	1	51	5	36
Shigellosis	6	53	16	48	9	48
Vibriosis (Non-cholera <i>Vibrio</i> species infection)	1	2	3	5	0	2
Yersiniosis	0	8	1	6	2	11
<b>OTHER</b>						
Brucellosis	0	0	0	1	0	0
Coccidioidomycosis	12	113	9	93	18	171
Exposure, Chemical or Biological	0	2	0	9	0	1
Hepatitis C, acute	0	2	0	3	1	2
Hepatitis C, chronic	330	2279	287	2103	145	1902
Invasive Pneumococcal Disease	9	74	7	116	4	136
Lead Poisoning	5	71	11	90	7	102
Legionellosis	1	14	2	19	3	24
Listeriosis	0	0	0	3	0	0
Lyme Disease	2	10	1	5	3	6
Malaria	0	1	1	6	0	6
Meningitis, Aseptic	2	23	8	18	2	18
Meningitis, Bacterial Other	1	7	0	6	2	5
Meningitis, Fungal	0	4	3	3	0	0
Q Fever, acute	0	1	0	0	0	0
RSV	212	352	56	995	32	709
Rabies, exposure to a rabies susceptible animal	24	173	31	230	32	240
Spotted Fever Rickettsiosis	0	1	0	0	0	0
Streptococcal Toxic Shock Syndrome (STSS)	1	17	1	5	3	23
Tuberculosis (Active)	3	35	7	39	3	47

\*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.