




# Memorandum

**Date:** September 11, 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 – August 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.

	Aug 2022	Aug 2023		YTD 22	YTD 23	
<b>Sexually Transmitted</b>						
Chlamydia	1177	1171	↓	8576	8506	↓
Gonorrhea	549	487	↓	4278	3853	↑
Primary Syphilis	22	12	↓	189	146	↓
Secondary Syphilis	46	28	↓	302	228	↓
Early Non-Primary, Non-Secondary <sup>1</sup>	72	44	↓	435	397	↓
Syphilis Unknown Duration or Late <sup>2</sup>	170	85	↓	1023	930	↓
Congenital Syphilis (presumptive)	1	6	↑	35	45	↑
<b>Moms and Babies Surveillance</b>						
HIV Pregnant Cases	3	4	↑	22	20	↓
Syphilis Pregnant Cases	21	20	↓	165	192	↑
Perinatally Exposed to HIV	2	3	↑	14	15	↑

<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	↓

	Aug 2022	Aug 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	13	0	31	0
Gonorrhea	6	0	26	0
Syphilis	46	4	309	0
HIV/AIDS (New to Care/Returning to Care)	21	0	111	0
Tuberculosis	1	0	5	0
<b>TOTAL</b>	<b>87</b>	<b>4</b>	<b>482</b>	<b>0</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: 22
      1. Lead CTs – 4
      2. Contact Tracers; investigators and outreach – 18
  - 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 August 31, 2023, Clark County had 608,381 cases; 9,466 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 August 31, 2023, Clark County had 296 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 live 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. This local portion of this investigation has been closed.

- d. **Orleans Legionella:** ACDC received notification of a new travel-associated case. DSC and EH conducted environmental sampling and received positive results. Follow-up investigation and case finding activities are ongoing, including a public notification and online survey.
- e. **Caesars Palace Legionella:** ACDC received notification of a travel-associated case. This was the second case within a 12-month period. DSC and EH conducted environmental sampling and received positive results. Follow-up investigation and case finding activities are ongoing, including a public notification and online survey.

## 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 August:

<b>Naloxone Distribution</b>	<b>Agency</b>	<b># of Naloxone doses distributed</b>
08/03/2023	SNHD - PHARMACY	240
08/03/2023	Happy Camper Overdose Response	80
08/03/2023	The Center	400
08/07/2023	Catholic Charities of Southern Nevada	50
08/07/2023	Summit View Youth Center	50
08/08/2023	LVDC - Las Vegas Detention Center	24
08/08/2023	Downtown Bartender Supply	80
08/08/2023	Landmark Recovery	120
08/08/2023	Trac-B	480
08/15/2023	CrossRoads of Southern Nevada	900
08/15/2023	The Cupcake Girls	300
08/16/2023	Shine a Light	400
08/16/2023	NDOC - Southern Desert Correctional Center	180
08/16/2023	TINHIIH	400
08/16/2023	SNHD - L2A	200
08/17/2023	UNLV - School of Public Health (For staff and community)	50
08/17/2023	Sober Testing Services	300
08/17/2023	Dr. Miriam & Sheldon G. Adelson Clinic	400
08/21/2023	Shine a Light	400
08/23/2023	PACT Coalition	60
08/23/2023	Gallus Medical Detox	400
08/24/2023	Las Vegas Fire and Rescue (leave behind program)	400
08/24/2023	City of Henderson	400
08/24/2023	SNHD - Clinical Services	52
08/24/2023	Treasure Island	200
08/24/2023	Happy Campers	25
08/29/2023	MGM	60
08/29/2023	Resorts World	70
08/31/2023	Sahara Hotel and Casino	50
	<b>Total</b>	<b>6771</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 August:

08/16/2023 Cupcake Girls (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>Aug -22</b>	<b>Aug -23</b>		<b>YTD 22</b>	<b>YTD 23</b>	
<b>Outreach/Targeted Testing</b>	1037	544	↓	6280	7707	↑
<b>Clinic Screening (SHC/FPC/TB)</b>	225	198	↓	1914	2521	↑
<b>Outreach Screening (Jails, SAPTA)</b>	176	312	↑	926	2132	↑
<b>Collect2 Protect</b>	27	7	↓	127	122	↓
<b>TOTAL</b>	1465	1061	↓	9247	12482	↑
<b>Outreach/Targeted Testing POSITIVE</b>	7	0	↓	48	44	↓
<b>Clinic Screening (SHC/FPC/TB) POSITIVE</b>	1	0	↓	1	8	↑
<b>Outreach Screening (Jails, SAPTA) POSITIVE</b>	1	1	→	3	8	↑
<b>Collect2 Protect POSITIVE</b>	0	0	→	0	0	→
<b>TOTAL POSITIVES</b>	9	1	↓	52	60	↑

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

1. 08/01/2023: "Leads Training" attended by ODS Health Educator Staff; 24 people in attendance; 2 SNHD ODS staff attendees.
2. 08/01/2023: Facilitated Naloxone Training - Adelson Clinic; 5 people in attendance; 1 ODS Health Educator trainer.
3. 08/01/2023: SNSMOPS Panel Discussion facilitated by ODS Health Educator; 4 people in attendance; 1 ODS Health Educator attendee.
4. 08/02/2023: "Mental Health First Aid for Youth" facilitated by ODS Health Educator Staff; 14 people in attendance; 3 SNHD ODS staff attendees.
5. 08/02/2023: Congenital Syphilis Community of Practice Quarterly meeting; 150 people in attendance; 4 ODS Staff attendees.
6. 08/03/2023: Congenital Syphilis Review Board (CSRB) Internal Planning Meeting; 8 people in attendance; 8 ODS Staff attendees.
7. 08/03/2023: Q3 SNOAC facilitated by PACT and SNHD attended by 3 ODS Health Educator Staff as representatives; ~60 people in attendance; 3 SNHD ODS staff attendees.
8. 08/03/2023: Opioid Response Network (ORN) World Café Discussion facilitated by ORN; 4 people in attendance; 1 ODS Health Educator attendee.
9. 08/03/2023: Attended Nevada Safer Roads Quarterly meeting as SNHD representative; 50 people in attendance; 2 ODS Health Educator attendees.
10. 08/03/2023: Healthy Southern Nevada Dashboard Quarterly meeting; 5 people in attendance; 3 ODS Staff attendees.
11. 08/04/2023: Clark County Children's Mental Health Consortium (CCCMHC) meeting attended by ODS Health Educator Staff as Vice-Chair; ~25 people in attendance from multiple agencies; 2 SNHD ODS staff attendee.
12. 08/08/2023: Congenital Syphilis Review Board (CSRB) Steering committee meeting facilitated by UNR staff; 12 people in attendance; 4 ODS Staff attendees.
13. 08/09/2023: Behavioral Health and Wellness Planning and Advisory Council; 75 people in attendance; 1 ODS Health Educator attendee.
14. 08/09/2023: "Mental Health First Aid for Youth" coordinated by ODS Health Educator Staff; 15 people in attendance; 3 SNHD ODS staff attendees.
15. 08/10/2023: 2023 Southern Nevada Substance Misuse and Overdose Prevention Summit (SNSMOPS) attended by 8 ODS Health Educator Staff; ~200 people in attendance from multiple agencies; ~15 SNHD ODS staff attendees.
16. 08/10/2023: Panelist on Public Health – Public Safety Partnerships at 2023 SNSMOPS; 60 people in attendance; 3 ODS Health Educator attendees.
17. 08/14/2023 – 08/16/2023: "Youth Mental Health First Aid Train the Trainer" coordinated by ODS Health Educator Staff with Office of Suicide Prevention; 18 people in attendance; 1 SNHD ODS staff attendee.
18. 08/14/2023: Prevention Specialist Certification Advisory Committee meeting attended by ODS Health Educator as a representative; ~5 people in attendance from multiple agencies; 1 SNHD ODS staff attendee.
19. 08/14/2023: "Motivational Interviewing in HIV Care Training Program" attended by 2 ODS Health Educator as an attendee; ~50 people in attendance; 8 SNHD ODS staff attendees.
20. 08/14/2023: Harm Reduction 201 Training facilitated by ODS Health Educators; 13 people in attendance; 4 ODS Health Educator attendees.

21. 08/15/2023: Attended Motivational Interviewing in HIV Care training at the Las Vegas Water District; 30 people in attendance; 1 ODS Health Educator attendee.
22. 08/15/2023: Meeting with New Director of LIMA Program at LVMPD; 3 people in attendance; 2 ODS Health Educator attendees.
23. 08/16/2023: Attend the LVTGA Service Standard Workgroup meeting; 7 people in attendance; 1 ODS Health Educator attendee.
24. 08/17/2023: Facilitated Naloxone Training - Beacon Academy; 9 people in attendance; 1 ODS Health Educator trainer.
25. 08/21/2023: Public Health Vending Machine 1:1 Meeting with Rural New York State; 5 people in attendance; 1 ODS Health Educator attendee.
26. 08/22/2023: National Association of City & County Health Officials (NACCHO) Quarterly Member Meeting - SNHD Representative; 40 people in attendance; 1 ODS Health Educator attendee.
27. 08/22/2023: Facilitated Community Health Improvement Plan (CHIP) Steering Committee Meeting; 12 people in attendance; 2 ODS Health Educator attendees.
28. 08/23/2023: ORN Technical Assistance Meeting facilitated by Opioid Response Network; 3 people in attendance; 1 ODS Health Educator attendees.
29. 08/23/2023: Attended the Northern Nevada HPPG Prevention Planning Group meeting; 14 people in attendance, 1 ODS Health Educator attendee.
30. 08/23/2023: Attended and Presented at Joint Task Force Meeting on Bad Batch Apps as a representative of SURG; 75 people in attendance; 1 ODS Health Educator attendee.
31. 08/24/2023: Attended CPR Training; 8 people in attendance; 8 ODS Staff attendees.
32. 08/24/2023: "Southern Nevada Health Consortium Meeting" facilitated by the Southern Nevada Health Consortium; 20 people in attendance; 2 ODS Health Educator attendees.
33. 08/28/2023: Attended Las Vegas Ryan White TGA Part A Planning Council Strategic Planning and Assessment Committee Meeting; 10 people in attendance; 2 ODS Health Educator attendees.
34. 08/28/2023 – 08/29/2023: "Annual PSRA Session" facilitated by the Las Vegas TGA Part A Planning Council Strategic Planning and Assessment Committee; 30 people in attendance; 2 ODS Health Educator attendees.
35. 08/29/2023: Facilitated Naloxone Training - Desert Hope; 20 people in attendance; 1 ODS Health Educator trainer.
36. 08/30/2023: Facilitated Naloxone Training - Wynn Las Vegas; 6 people in attendance; 1 ODS Health Educator trainer.
37. 08/31/2023: Attended and Tabled at International Overdose Awareness Day hosted by Southern Nevada Harm Reduction Alliance; 300 people in attendance; 3 ODS Health Educator attendees.
38. 08/31/2023: Facilitated Naloxone Training - SNHD Staff; 6 people in attendance; 6 ODS Staff attendees.

**D. Other**

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



**MONTHLY REPORT – August 2023**

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

1. 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.
  - c. Continue working on Pentaho report updates. Completed STD Investigation reports, PHEP Compatibility report and SNPHL Lab testing summary reports.
  - d. Continue migrating scheduled tasks to Airflow server.
  - e. Perform daily task/issue review with Informatics team, and weekly review with Epi and Surveillance teams. Continuing management of Teams tasks to resolve issues: 60 open tasks, 258 completed tasks, and 28 enhancement requests.
  - f. Continue working on migrating internal processes from Trisano to EpiTrax.
  - g. EpiTrax COVID case closure at 60% complete.
  
2. 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. Onboarded 1 new provider.
  
3. Southern Nevada Public Health Laboratory (SNPHL)
  - a. Continue to work on the Laboratory Information Management System (LIMS) to interoperate with other internal and external systems. Ongoing interface upkeep with full data clean-up, security updates, and server maintenance. Prep for Outreach purchase. New billing location set up in LIMS.
  - 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. Teaching new approach in reporting to LRN staff.
  - 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.
  - 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.
  - g. Outreach module contract completed.
  - h. Continue working on ETOR (Outreach) web portal.
  - i. Preparations and quotes for three new interfaces for clinical instruments.

4. Electronic Health Record (EHR) System
  - a. Maintain the system for COVID test ordering and COVID vaccination. Configuration modifications to improve charting, reporting efficiency and to accommodate new locations and services.
  - b. Continue data transfer to Wellpartner on prescription notification from eClinicalWorks (eCW).
  - c. New Strategic Account Manager with (eCW). Discussion on prioritizing projects and tickets.
  - d. 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.
  - e. Pre/Post implementation checks with Azara.
  - f. New configurations built for Primary and Preventive Sexual Health Outreach and Prevention Program (PPC-SHOPP), e.g., POC Tests, Resources, and Facilities.
  - g. HPV Survey Patient Consent build.
5. 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.
6. 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.
  - 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.
7. API Server
  - a. Continue new API server testing for internal processes and 3<sup>rd</sup> party app.
  - b. Development of data import form OCR project into EpiTrax using API is 40% completed. Attending ongoing meetings.
  - c. Review Weblz API provided by HIE.
8. 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. Continue setting up and troubleshooting NMI process to be able to generate HL7 for generic conditions.
  - d. OCR project pipeline into EpiTrax using Mongo and web services is 40% completed.
  - e. State GENV2 Generic MMG excel document comparison.
  - f. State and SNHD file merge planning with CDC.

9. 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.
  - c. Used Essence to look for any increase in ED visits due to Hurricane Hoary effects.
  
10. Grant Updates
  - a. Awarded The Sudden Unexpected Infant Death (SUID) and Sudden Death in the Young (SDY) Case Registry (CDC-RFA-DP-23-0006) - collaboration between SNHD and CCOCME.
  - b. Continue working on CDC NOFO Grant application.
  - c. DMI Supplemental grant application and budget completed.
  - d. Begin NNDSS hepv2 pilot cohort meeting with CDC and partners.
  - e. HIENV grant workplan review for FHIR.
  - f. CROI abstract completed.
  - g. ELC base grant progress report completed.
  - h. Completed FY23 Informatics and Epidemiology accomplishment updates.
  - i. Awarded Pregnant People-Infant Linked Longitudinal Surveillance (CDC-RFA-DD-23-0003)
  
11. Reports
  - a. The following FQHC/Clinical reports were completed and submitted:
    - CDC Data reporting, STD Clinic EHE Learning Community Working Group
    - FOCUS reports for August
    - 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
  
  - b. 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

c. 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 STD investigation Jurisdiction and Pediatric report updates as part of EpiTrax migration.
- Daily, weekly, and monthly SNPDL 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.
- Created report for emergency department and EMS calls following Hurricane Hilary to monitor for possible public health impacts.

12. Training

- a. Staff attended and/or completed the following trainings, conferences, presentations, and webinars:
- COVID Health Disparities CDC site visit presentation.
  - Attended CSTE Pregnancy Status Reporting webinar.
  - Attended Southern Nevada Substance Misuse and Overdose Prevention Summit
  - Attended Harm Reduction webinar (3 of 3)
  - Azara adoption/training
  - Leads Training

13. Contracts

- a. Completed new contract with HIE
- b. Completed RWCQM interlocal agreement with Clark County
- c. HPV MOU completed.

14. Other Projects

- a. Continue to maintain and enhance iCircle web application for OEDS. Continuous user account support, site maintenance, data corrections and updates.
- b. Continue working on the Yale project with Epi office for case conferencing.
- c. Continue to meet and work on UNLV Base model project.
- d. UNLV Wastewater training planning.
- e. Informatics Service Requests completed.
- f. Assist Epidemiology and Surveillance programs, Office of EMS/Trauma System, Environmental Health, and Clinic Services with various data requests, data exports, and report generation.
- g. Support online sign-up application for Syringe Vending (harm reduction) for Trac-b.
- h. Working on Women's Health Associates of Southern Nevada (WHASN) ELR feed implementation.
- i. Maintenance of the NHA Data Webservice Script.
- j. Mpox/Alchemer vaccine reminder project in process. Completed 2600-person SMS campaign and 60-person email campaign for this project.
- k. NVCLPPP lead portal data review and quarterly advisory board meeting.
- l. Health Southern Nevada quarterly check in regarding new website dashboard updates.
- m. UMC file download, L2A referral data export and TracB survey data export.
- n. Evaluated all internal SNHD servers for Java runtime that used to run various services per Oracle team inquiry regarding licensing concern.

- o. Address issue with the Collect 2 Protect online lab results process that was not updated since migrating to EpiTrax
- p. Utah eCR setup review.
- q. Assist with Legionella investigations at Ceasar's Palace and the Orleans by developing a survey, monitoring responses and screening cases for investigation by DIIS.
- r. 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.
- s. Develop RedCap tool for collection of C. Auris case data.
- t. Submitted abstract on the Orleans legionella investigation for IDWeek.
- u. Assist with planning for the Formula 1 event in November 2023 and the Superbowl in Feb 2024.
- v. Planning and analysis of data for the October TB Cohort meeting.
- w. 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 \$500,000 to purchase more naloxone due to the high demand in Clark County. Additionally, 1140 cartons of naloxone were ordered on 8/3 using FR-CARA funds.



July 2023: Clark County Disease Statistics\*

Disease	2021		2022		2023	
	July	YTD	July	YTD	July	YTD
<b>VACCINE PREVENTABLE</b>						
Haemophilus influenzae, invasive	2	4	1	9	1	20
Hepatitis A	0	1	1	4	1	4
Hepatitis B, acute	2	11	1	15	2	13
Hepatitis B, chronic	57	351	67	458	100	700
Influenza	4	41	16	469	18	173
Pertussis	4	10	2	46	2	13
<b>SEXUALLY TRANSMITTED</b>						
Chlamydia	1122	7901	1089	7392	1002	7223
Gonorrhea	690	4367	525	3727	466	3286
HIV	45	273	37	254	29	270
Stage 3 HIV (AIDS)	17	112	16	95	13	85
Syphilis (Early non-primary, non-secondary)	60	391	62	363	52	350
Syphilis (Primary & Secondary)	59	447	73	422	43	330
<b>CONGENITAL CONDITIONS</b>						
Hepatitis C, Perinatal Infection	1	3	0	0	0	1
Congenital Syphilis	2	19	5	34	1	31
<b>ENTERICS</b>						
Amebiasis	0	2	0	1	1	2
Campylobacteriosis	14	94	12	65	20	115
Cryptosporidiosis	3	8	0	9	0	4
Giardiasis	2	20	5	25	7	36
Rotavirus	4	18	4	125	18	81
Salmonellosis	13	97	14	93	18	114
Shiga toxin-producing <i>E. coli</i> (STEC)	14	41	6	50	8	31
Shigellosis	6	47	5	32	3	38
Vibriosis (Non-cholera <i>Vibrio</i> species infection)	1	1	2	2	0	2
Yersiniosis	1	8	2	5	1	9
<b>OTHER</b>						
Brucellosis	0	0	0	1	0	0
Coccidioidomycosis	9	101	18	84	16	148
Exposure, Chemical or Biological	1	2	8	9	0	1
Hepatitis C, acute	0	2	1	3	0	1
Hepatitis C, chronic	262	1950	231	1818	137	1758
Invasive Pneumococcal Disease	9	65	6	109	8	132
Lead Poisoning	12	66	7	79	15	87
Legionellosis	4	13	2	17	2	20
Listeriosis	0	0	0	3	0	0
Lyme Disease	3	8	1	4	2	3
Malaria	1	1	2	5	0	6
Meningitis, Aseptic	1	21	2	10	4	13
Meningitis, Bacterial Other	1	6	3	6	0	2
Meningitis, Fungal	0	4	0	0	0	0
Q Fever, acute	0	1	0	0	0	0
RSV	78	140	61	939	14	676
Rabies, exposure to a rabies susceptible animal	26	149	25	199	30	208
Spotted Fever Rickettsiosis	0	1	0	0	0	0
Streptococcal Toxic Shock Syndrome (STSS)	0	16	1	4	3	20
Tuberculosis (Active)	2	32	3	32	6	44

\*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.