



Memorandum

Date: February 7, 2024

To: Southern Nevada District Board of Health

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

	Jan 2023	Jan 2024		YTD 23	YTD 24	
Sexually Transmitted						
Chlamydia	1055	988	↓	1055	988	↓
Gonorrhea	473	461	↓	473	461	↓
Primary Syphilis	23	9	↓	23	9	↓
Secondary Syphilis	28	7	↓	28	7	↓
Early Non-Primary, Non-Secondary ¹	62	21	↓	62	21	↓
Syphilis Unknown Duration or Late ²	103	49	↓	103	49	↓
Congenital Syphilis (presumptive)	11	1	↓	11	1	↓
Moms and Babies Surveillance						
HIV Pregnant Cases	4	3	↓	4	3	↓
Syphilis Pregnant Cases	27	11	↓	27	11	↓
Perinatally Exposed to HIV	0	4	↑	0	4	↑
¹ Early Non-Primary, Non-Secondary= CDC changed the case definition from Early Latent Syphilis to Early Non-Primary, Non-Secondary ² Syphilis Unknown Duration or Late=CDC changed the case definition from Late Latent Syphilis to Syphilis Unknown Duration or Late						
Vaccine Preventable						
Haemophilus influenzae, invasive disease	6	8	↑	6	8	↑
Hepatitis A	0	0	→	0	0	→
Hepatitis B, acute	0	1	↑	0	1	↑
Influenza	55	281	↑	55	281	↑

	Jan 2023	Jan 2024		YTD 23	YTD 24	
Pertussis	4	6	↑	4	6	↑
Enteric Illness						
Campylobacteriosis	16	11	↓	16	11	↓
Cryptosporidiosis	1	0	↓	1	0	↓
Giardiasis	4	0	↓	4	0	↓
Rotavirus	2	0	↓	2	0	↓
Salmonellosis	14	9	↓	14	9	↓
Shiga toxin-producing Escherichia coli (STEC)	5	5	→	5	5	→
Shigellosis	4	9	↑	4	9	↑
Other						
Candida auris	51	24	↓	51	24	↓
Coccidioidomycosis	21	9	↓	21	9	↓
Hepatitis C, acute	0	0	→	0	0	→
Invasive Pneumococcal Disease	29	37	↑	29	37	↑
Lead Poisoning	12	9	↓	12	9	↓
Legionellosis	2	0	↓	2	0	↓
Meningitis, aseptic	1	1	→	1	1	→
Meningitis, Bacterial Other	0	0	→	0	0	→
Streptococcal Toxic Shock Syndrome (STSS)	4	1	↓	4	1	↓
New Active TB Cases Counted (<15 yo)	0	1	↑	0	1	→
New Active TB Cases Counted (>= 15 yo)	4	6	↑	4	6	↑

2. Number of Cases Investigated by ODS

Monthly DIIS Investigations CT/GC/Syphilis/HIV/TB	Contacts	Clusters ¹	Reactors/ Symptomatic/ Xray ²	OOJ/ FUP ³
Chlamydia	6	0	29	0
Gonorrhea	8	0	24	0
Syphilis	60	3	346	1
HIV/AIDS (New to Care/Returning to Care)	26	0	88	0
Tuberculosis	14	0	7	0
TOTAL	114	3	494	1

¹ Clusters= Investigations initiated on named clusters (clusters= named contacts who are not sex or needle sharing partners to the index patient)
² Reactors/Symptomatic= Investigations initiated from positive labs or reported symptoms
³ OOJ= Investigations initiated Out of Jurisdiction reactors/partners/clusters
 Fup= Investigations initiated to follow up on previous reactors, partners, or clusters

3. ACDC COVID-18 CT Staffing and Activities

- a. Contact Tracers (CTs) – SNHD
 - i. SNHD staff, Current Total: 18

1. Lead CTs – 4
 2. Contact Tracers; investigators and outreach – 14
- 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. **Monkeypox:** As of January 31, 2024, Clark County had 311 cases of monkeypox.
 - b. **Influenza:** SNHD started the influenza surveillance for the 2023-2024 season on October 7, 2023. Influenza surveillance for Clark County, Nevada includes data collected from local acute care hospitals and other healthcare providers. Nationwide, seasonal influenza activity is elevated and continued to increase in parts of the country. Statewide, the outpatient respiratory illness activity in Nevada has been moderate. Locally, as of 2/7/2024, for the 2023 - 2024 influenza season, 827 influenza-associated hospitalizations and 55 deaths associated with influenza were reported. Influenza A has been the dominant type circulating. The influenza surveillance will continue through 5/18/2024.
 - c. **Foodborne outbreak investigation:** Staff responded to an outbreak event on 1/9/2024 in which 5 individuals ate at a sushi restaurant and subsequently became ill. Symptoms were reported for all 5 individuals, with diarrhea, vomiting, stomach cramps, and fevers. ACDC staff responded to these complaints made through the SNHD Foodborne Illness reporting system, interviewed the affected parties, and established a food history. Three additional third-party complaints were identified, concerning improper food storage, and becoming ill after dining at the restaurant. Environmental Health was notified, and the restaurant was given a “B” grade due to multiple hand washing violations, cross contamination of surfaces, and several other issues identified. ACDC staff were able to secure samples from 2 of the 5 affected complainants, and these samples came back positive for *Sapovirus*.

- d. **Large Scale TB Contact Investigation:** ODS received reports of two Active TB cases in November and December 2023 that involved exposures within the Clark County School District. One of the cases had been ill for over one year before receiving their diagnosis. ODS coordinated with the school district to conduct onsite testing at the schools impacted, that began January 3rd and 4th, and January 30th through February 2nd. These efforts resulted in over 700 contacts being tested during these events.

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 January:

Naloxone Distribution	Agency	# Trained	# of Naloxone doses distributed
1/3/2024	Fusion Community Inc	10	
1/9/2024	Rio Hotel and Casino	12	
1/11/2024	Dr. Miriam and Sheldon G. Adelson Drug Abuse Clinic		400
1/11/2024	NDOC - Southern Desert		150
1/11/2024	Toni's House		600
1/11/2024	City of Henderson PD		360
1/11/2024	SNHD - MRC	22	24
1/11/2024	The El Cortez	25	
1/16/2024	Happy Campers		200
1/16/2024	F.A.I.T.H. Behavioral Services and Wellness Center		100
1/16/2024	LVMPD METRO		500
1/16/2024	Sober Testing Services		400
1/16/2024	MGM		40
1/17/2024	Refuge for Women	8	
1/18/2024	Binion’s	10	
1/18/2024	Erica Cooper Community Outreach		144
1/18/2024	City of Henderson		800

1/18/2024	Bartender Supply		200
1/18/2024	WestCare		1000
1/18/2024	The Moorish Science Temple of America, Inc. BT#57		200
1/18/2024	Valley View Community Cares		200
1/18/2024	Foundation for Recovery		400
1/18/2024	NDOC - High Desert		200
1/18/2024	Rio Hotel and Casino		100
1/18/2024	The Center		700
1/18/2024	Fusion Community Inc		700
1/18/2024	Sahara Hotel and Casino		60
1/18/2024	Summit View Youth Center		72
1/18/2024	Caesar's Entertainment		350
1/18/2024	Shine a Light		800
1/22/2024	WC Health	2	
1/23/2024	TINHIH		900
1/23/2024	The Strat		200
1/23/2024	The Cupcake Girls		700
1/24/2024	Mirage/Hard Rock	30	48
1/25/2024	Wynn		40
1/25/2024	Nevada Department of Wildlife		20
1/25/2024	Boulder City Municipal Court		300
1/3/2024	Distro to community	26	52
1/4/2024	Distro to clients	8	16
1/10/2024	Harm Reduction in identified overdose hotspot 13th/Mesquite & Olive/Russell	35	70
1/16/2024	January 18th Outreach	35	70
1/22/2024	Jail clients being discharged	35	70
1/25/2024	Outreach 01/25/2024	35	70
1/25/2024	DIIS outreach at AVN	25	50
1/31/2024	Client Distro	4	8
1/31/2024	Distro to community	23	46
1/25/2024	Binion's		48
1/25/2024	Henderson Comprehensive Treatment Center		200
1/25/2024	SNHD - FQHC		180
1/25/2024	Las Vegas Comprehensive Treatment Center		100

1/25/2024	Trac-B Exchange		400
1/25/2024	City of Las Vegas Courts	12	
1/30/2024	Recuperative Care Center	9	
Total		366	12288

- 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 January:

- 1/16/2024 Happy Camper Overdose Response (800 Strips)
- 1/23/2024 The Center (2400 Strips)
- 1/24/2024 Foundation for Recovery (300 Strips)
- 1/24/2024 Community Volunteers (100 Strips)
- 1/24/2024 Valley View Community Cares (2400 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 has teamed with community partners to participate at outreach events. This month we partnered with SWAid to be onsite at the AVN Adult Convention held at Resorts World on January 25, 2024, to handout information about PrEP, condoms, and naloxone kits. 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.
- c. 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	Jan -23	Jan-24		YTD 23	YTD 24	
Outreach/Targeted Testing	874	481	↓	874	481	↓
Clinic Screening (SHC/FPC/TB)	444	285	↓	444	285	↓
Outreach Screening (Jails, SAPTA)	113	230	↑	113	230	↑
Collect2 Protect	20	6	↓	20	6	↓
TOTAL	1451	1002	↓	1451	1002	↓
Outreach/Targeted Testing POSITIVE	6	0	↓	6	0	↓
Clinic Screening (SHC/FPC/TB) POSITIVE	1	0	↓	1	0	↓
Outreach Screening (Jails, SAPTA) POSITIVE	0	0	→	0	0	→
Collect2 Protect POSITIVE	0	0	→	0	0	→
TOTAL POSITIVES	7	0	↓	7	0	↓

C. Staff Facilitated/Attended the following Trainings/Presentations

- 01/05/2024: Clark County Children's Mental Health Consortium (CCCMHC) meeting attended by ODS Health Educator Staff as Chair; ~48 people in attendance from multiple agencies; 2 SNHD ODS staff attendees.
- 01/10/2024-01/11/2024: Co-Facilitated Empower Change: Rapid HIV Testing and Counseling Training; 14 people in attendance, 3 ODS Health Educator attendees.
- 01/10/2024 -01/12/2024: "2024 NCSP Raising Hope Conference" presented by ODS Health Educator as subject matter expert; ~75 people in attendance; 1 SNHD ODS staff attendee.
- 01/10/2024: Attended HIDTA x SNHD x LVMPD meeting to discuss overdose prevention resources for people who have survived overdose; 15 people in attendance; 5 ODS Staff attendees.
- 01/10/2024: Appointed representative to Attorney General's SURG meeting to approve 2023 recommendations; 20 people in attendance; 1 ODS Health Educator attendee.
- 01/11/2024: Presented at the SNHD All-Hands Meeting - Community Health Assessment Kick-Off Steering Committee Interest; ~500 people in attendance; 7 ODS Health Educator attendees.
- 01/14/2024: Co-Facilitated the Crisis Call Training with the Office of Suicide Prevention; 17 people in attendance; 2 ODS SNHD staff attendees.
- 01/16/2024: Presented to AETC's "HIV Disclosure for Dignity Health"; 7 people in attendance; 1 ODS Health Educator attendee.

9. 01/17/2024: "Maintaining Personal Safety During Field Notifications" training attended by ~30 people in attendance; 2 SNHD ODS staff attendees.
10. 01/17/2024: Fentanyl Test Strip Training facilitated by ODS; 2 people in attendance.
11. 01/17/2024: "Gaining Buy-In for the MAPP Process - Engaging Key Stakeholders NACCHO Focus Group" training; 40 people in attendance; 1 ODS Health Educator attendee.
12. 01/17/2023: Facilitated Southern Nevada HIV Prevention Planning Group (HPPG) meeting; 22 people in attendance; 10 ODS Staff attendees.
13. 01/17/2024: Facilitated training to Refuge for Women - Overdose Response with Naloxone Training; 9 people in attendance.
14. 01/20/2024: Appointed SNHD representative to Clark County Task Force Meeting - received on-boarding and other information about task force; 20 people in attendance; 2 ODS Staff attendees.
15. 01/23/2024: Clark County Children's Mental Health Consortium (CCCMHC) Public Awareness Workgroup meeting attended by ODS Health Educator Staff as a representative; ~16 people in attendance from multiple agencies; 2 SNHD ODS staff attendees.
16. 01/23/2024: Panelist Member speaking for P3 Webinar: Empowering the HIV Community: Strategies for Education, Engagement, and Self-Promotion; 100 people in attendance; 1 ODS Health Educator attendee.
17. 01/24/2024: Facilitated and presented to the 2025 Community Health Assessment (CHA) Steering Committee Kick-off meeting; 30 people in attendance from multiple agencies; 5 SNHD ODS staff attendees.
18. 01/24/2024: Children's Mental Health Action Coalition State Level Leadership Committee; 15 people in attendance; 1 ODS SNHD staff attendee.
19. 01/25/2024: "Mental Health First Aid for Adults" training facilitated by ODS Health Educator Staff; 32 people in attendance.
20. 01/30/2024: ODTA 2.0 Kick-off meeting facilitated by ODS Health Educator Staff; ~27 people in attendance from multiple agencies; 9 SNHD ODS staff attendees.
21. 01/30/2024: Facilitated "Making Every Door the Right Door" training for Signs of Hope; 4 people in attendance; 1 ODS Health Educator attendee.
22. 01/30/2024: SNHD Office of Public Health Preparedness (OPHP) ICS IC Training; 10 people in attendance; 10 ODS Staff attendees.
23. 01/30/2024: Facilitated training to Recuperative Care Center - Overdose Response with Naloxone Training; 6 people in attendance; 1 ODS Health Educator attendee.

D. Other

1. Communicable Disease Statistics: December 2023 and Quarter 4 2023 disease statistics are attached (see Table 1).

MONTHLY REPORT – January 2024

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. Ongoing user account support and form updates: Monkeypox form, HIV Linkage form, Hepatitis A
- b. Continue to update and enhance Data Warehouse- EpiTrax STD Co-infections identification Pentaho report updates: TB Contact Results, Active TB by Status 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. 308 tasks have been completed.
- c. Person Deduplication automation script completed.
- d. EpiTrax duplicate form variable name issue resolved.
- e. EpiTrax form for required CDC MMG fields developed, added.
- f. EpiTrax custom form display enhancement completed.
- g. EpiTrax NORS form implementation planning completed; implementation underway.

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. Message exception review sessions.
- d. EMSA2 condition logic updated for Mycobacteria Atypica, Coccidioidomycosis, Shiga toxin-producing E. Coli, Hepatitis B
- e. UMC reporter exception mapping for ECR.

C. Southern Nevada Public Health Laboratory (SNPHL)

- a. Continue National Respiratory and Enteric Virus Surveillance System (NREVSS) support.
- b. Interoperate with other internal and external systems. Ongoing interface upkeep with full data clean-up, security updates, and server maintenance. This has been set as a priority as requested by Harvest.
- c. Continue SNPHL data warehouse cleanup and maintenance.
- d. 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.
- e. 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. Project go-live June 2024.
- f. Continue making modifications to the LRN-B interface for CDC requested changes.

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. Discussion on prioritizing projects and tickets with Strategic Account Manager.
- iv. Continue data extraction and processing using Fast Healthcare Interoperability Resources (FHIR).

- v. Continue adoption of Azara, the data warehouse/analytics platform.
 - vi. New configurations built for Primary and Preventive Sexual Health Outreach and Prevention Program (PPC-SHOPP), e.g., POC Tests, Resources, and Facilities.
 - vii. Planning and preparations for data submission for Uniform Data System (UDS) and Family Planning Annual Report (FPAR).
 - viii. Configuration Modifications for the Healthy Start Program (Maternal Child Health)
 - ix. Configuration Modifications for Diagnostic Imaging for certain providers.
 - x. Continue discussions for consolidation/streamlining of Sexual History Documentation.
- E. Clark County Coroner's Office (CCCO)**
- a. Continue to provide support to CCCO on new CME implementation, testing, data requests, and reports. Providing post go-live support.
 - b. Fulfill internal and external data requests using aggregated death data.
 - c. Provide reports and media requests for various agencies.
- 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. Completed redesign of COVID19 dashboard to match CDC's COVID dashboard layout and data metrics. Updated vaccination data up to December 2023.
 - 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.
- G. API Server**
- i. Continue enhancing API server to extend functionality for internal processes and 3rd party app.
- H. Data Modernization Initiative (DMI)**
- a. Continue to work with the State on DMI project.
 - b. eCR project: UMC reporter onboarding in progress, with full implementation in production projected for Feb 2024.
 - c. Internal OCR workflow saved and documented.
 - d. Evaluation of new OCR vendor underway.
 - e. State GENV2 Generic MMG excel document comparison.
 - f. Continue collaboration with the State on matching data formats for submission to CDC.
 - g. Implementation of all CDC required data fields in EpiTrax custom forms.
- 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. Dignity Health and United Health Services transitioned from Cerner's HealthSentry to Public Health Surveillance platform for public health reporting.
 - c. Planning meeting for upcoming Superbowl event.
- J. Grant Updates**
- a. ELC ED extension budget completed and submitted to the state.
 - b. ELC EDX extension budget is in progress and will be submitted to the state by 2/9/2024.
 - c. COVID health disparity grant extension request sent to CDC for approval.
 - d. ELC ED and PHEP Q2 quarterly progress reports completed.

K. Reports

- i. The following FQHC/Clinical reports were completed and submitted:
 - Reports for Chronic Disease Prevention & Health Promotion
 - PrEP Data and reporting in eCW for EHE.
 - Data reporting, STD Clinic EHE Learning Community Working Group
 - EPI data request RW
 - RSR Completeness Report and annual report for RW Part B
 - DRVS HIV Module + Ryan White Reporting
 - MPOX Immunization All Facility Report revision
 - PrEP reason report for Disease Surveillance
 - New FP Provider Report
 - FQHC Financial Reporting
 - RN visits reports
 - Weekly Patient Age Group Count report for Office of Preparedness
 - EpiTrax warehouse access
 - SBIRT report for ODTA grant

- ii. Epidemiology Reports:
 - COVID-19 trend reports (public and internal versions)
 - Weekly COVID Variants Report updated to include variant data from wastewater surveillance.
 - 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
 - Ran daily, biweekly, bimonthly, and monthly COVID reports.
 - Weekly Mpox case and vaccination report
 - Ongoing monthly and quarterly reports for FOCUS HIV grant project
 - Monthly NVDRS, SUDORS and NCLPP reports.
 - Influenza report weekly.
 - Outreach site HIV testing stats-weekly
 - EPT report- weekly

- iii. Other report updates:
 - Daily, weekly, and monthly SNPDL reports and upkeep.
 - State NETSS weekly/YTD report
 - Continue working on the Health Southern Nevada, Chronic Disease Dashboard.
 - CSTE/CDC Forecasting Workgroup calls
 - DIIS performance report discussion with ODS

L. Training

- i. Staff attended and/or completed the following trainings, conferences, presentations, and webinars:
 - Attending EPI OCR working meetings.
 - Attending weekly EMSA learning meetings with Utah.
 - One epidemiologist attended and passed the planning section chief course with the Nevada Department of Emergency Management.
 - Senior Epidemiology staff attended Module 4, LEADS training.
 - OIE Staff attended the A3 Report Quality Control training.

- Epidemiology staff attended the Implicit Bias training provided by the SNHD Health Equity Team.
- One epidemiologist attended a “Caring for People with Xylazine-Associated Wounds” webinar.
- The Medical epidemiologist attended the Nevada Academy of Family Physicians Winter CME Meeting and gave a presentation on HIV Stigma to fulfill requirements of SB439.
- Epidemiology staff attended other meeting covering health equity topics and using American Community Survey data.

M. Contracts

- i. Working on contract for Open Enterprise Master Person Index (OpenEMPI)

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. Assist Epidemiology and Surveillance programs, Office of EMS/Trauma System, Environmental Health, and Clinic Services with various data requests, data exports, and report generation.
- iv. Support online sign-up application for Syringe Vending (harm reduction) for Trac-B.
- v. Working on Women’s Health Associates of Southern Nevada (WHASN) ELR feed implementation. Processing Gonorrhea/Chlamydia results via ELR.
- vi. Maintenance of the NHA Data Webservice Script.
- vii. OD2A phase 2, Component B. Data import process completed. Dashboard layout planning is underway.
- viii. Monthly Presentation on Death certificates for Residents doing rotations at SNHD.
- ix. NVCLPPP lead portal data review and quarterly advisory board meeting.
- x. SNHD hosted, and several epi staff attended the Child Death Review meeting for Jan 2024.
- xi. Continue working on Healthy Start Project.
- xii. Refreshed Vital Records database.



December 2023: Clark County Disease Statistics*

Disease	2021		2022		2023	
	December	YTD	December	YTD	December	YTD
VACCINE PREVENTABLE						
COVID-19	40,238	199,750	5,904	207,262	2,139	19,928
Haemophilus influenzae, invasive	1	13	4	24	4	31
Hepatitis A	1	3	0	7	2	8
Hepatitis B, acute	2	17	0	20	4	29
Hepatitis B, chronic	52	621	77	798	113	1402
Influenza	16	73	486	1263	595	1025
Meningococcal disease (<i>N. meningitidis</i>)	0	0	0	0	0	2
Pertussis	3	24	0	80	12	58
RSV	885	2,687	1,093	6,170	1,588	3,215
SEXUALLY TRANSMITTED						
Chlamydia	1015	13033	1264	12829	1040	12656
Gonorrhea	554	7191	600	6412	477	5813
HIV	29	448	23	466	31	488
Stage 3 HIV (AIDS)	9	181	9	176	11	169
Syphilis (Early non-primary, non-secondary)	43	662	84	730	49	618
Syphilis (Primary & Secondary)	42	733	47	715	33	548
CONGENITAL CONDITIONS						
Hepatitis C, Perinatal Infection	1	6	0	0	0	1
Congenital Syphilis	6	35	7	50	4	51
ENTERICS						
Amebiasis	0	2	0	1	0	4
Campylobacteriosis	7	126	7	131	8	192
Cryptosporidiosis	3	17	5	18	0	12
Giardiasis	5	44	3	46	4	71
Rotavirus	1	29	3	133	2	104
Salmonellosis	10	150	11	157	8	203
Shiga toxin-producing <i>E. coli</i> (STEC)	3	54	7	72	2	57
Shigellosis	6	73	6	75	5	86
Vibriosis (Non-cholera <i>Vibrio</i> species infection)	1	4	0	7	0	6
Yersiniosis	1	11	1	8	0	14
OTHER						
Brucellosis	0	0	0	1	0	0
Coccidioidomycosis	9	173	20	160	24	272
Exposure, Chemical or Biological	1	3	0	9	1	3
Hepatitis C, acute	0	2	1	4	0	5
Hepatitis C, chronic	238	3,302	195	2,948	129	2,377
Invasive Pneumococcal Disease	27	130	45	220	39	225
Lead Poisoning	8	97	14	138	3	165
Legionellosis	1	22	2	27	1	30
Listeriosis	0	2	0	4	0	1
Lyme Disease	0	13	0	9	0	9
Malaria	0	2	0	7	0	7
Meningitis, Aseptic	1	33	0	33	0	31
Meningitis, Bacterial Other	1	12	0	10	1	12
Meningitis, Fungal	0	4	0	5	0	0
Q Fever, acute	0	1	0	0	0	0
Rabies, exposure to a rabies susceptible animal	16	264	29	326	14	335
Spotted Fever Rickettsiosis	0	1	0	1	0	0
Streptococcal Toxic Shock Syndrome (STSS)	0	17	2	10	2	36
Tuberculosis (Active)	3	56	0	51	6	76

*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.



Quarter 4, 2023: Clark County Disease Statistics*

Disease	2021		2022		2023		Rate (Cases per 100,000 per quarter)		Quarter Rate Comparison
	Qtr 4	YTD	Qtr 4	YTD	Qtr 4	YTD	Qtr 4 (2018-2022 aggregated)	Qtr 4 (2023)	Change b/t current & past 5-year?
VACCINE PREVENTABLE									
Haemophilus influenzae, invasive	4	13	9	24	6	31	0.20	.	-
Hepatitis A	2	3	1	7	2	8	0.12	.	-
Hepatitis B, acute	4	17	3	20	7	29	0.09	.	-
Hepatitis B, chronic	156	621	187	798	368	1,402	4.03	5.07	↑X
Influenza	26	73	786	1,263	808	1,025	8.91	11.13	↑X
Meningococcal disease (<i>N. meningitidis</i>)	0	0	0	0	0	2	.	.	-
Mumps	0	0	0	1	0	0	.	.	-
Pertussis	11	24	17	80	31	58	0.27	0.43	↑
RSV	1,992	2,687	5,019	6,170	2,453	3,215	42.52	33.79	↓X
SEXUALLY TRANSMITTED									
Chlamydia	3,082	13,032	3,238	12,829	3,075	12,656	87.46	42.36	↓X
Gonorrhea	1,659	7,190	1,635	6,412	1,514	5,813	41.87	20.86	↓X
HIV	73	421	106	441	109	488	2.19	1.50	↓X
Stage 3 HIV (AIDS)	29	174	35	150	50	169	0.90	0.69	↓
Syphilis (Early non-primary, non-secondary)	147	662	239	730	147	618	3.88	2.02	↓X
Syphilis (Primary, Secondary)	171	733	159	715	104	548	4.22	1.43	↓X
CONGENITAL CONDITIONS									
Hepatitis C, Perinatal Infection	3	6	0	0	0	1	.	.	-
Congenital Syphilis	11	35	14	50	8	51	45.18	.	-
ENTERICS									
Amebiasis	0	2	0	1	0	4	.	.	-
Campylobacteriosis	20	126	37	131	47	192	0.88	0.65	↓
Cryptosporidiosis	4	17	6	18	2	12	0.10	.	-
Giardiasis	13	44	10	46	17	71	0.29	0.23	↓
Rotavirus	7	29	7	133	8	104	0.18	.	-
Salmonellosis	33	150	35	157	45	203	0.80	0.62	↓
Shiga toxin-producing <i>E. coli</i> (STEC)	5	54	18	72	15	57	0.26	0.21	↓
Shigellosis	17	73	21	75	26	86	0.53	0.36	↓
Vibriosis (Non-cholera <i>Vibrio</i> species infection)	2	4	2	7	2	6	.	.	-
Yersiniosis	3	11	2	8	3	14	.	.	-
OTHER									
Coccidioidomycosis	47	173	52	160	70	272	1.07	0.96	↓
Encephalitis	0	1	2	15	0	0	.	.	-
Exposure, Chemical or Biological	1	3	0	9	2	3	.	.	-
Hepatitis C, acute	0	2	2	4	2	5	0.09	.	-
Hepatitis C, chronic	758	3,302	626	2,948	386	2,377	21.96	5.32	↓X
Invasive Pneumococcal Disease	49	130	94	220	75	225	1.65	1.03	↓X
Lead Poisoning	18	97	41	138	40	165	0.71	0.55	↓
Legionellosis	6	22	5	27	2	30	0.16	.	-
Listeriosis	2	2	1	4	1	1	.	.	-
Lyme Disease	3	13	3	9	2	9	.	.	-
Malaria	1	2	0	7	0	7	.	.	-
Meningitis, Aseptic	7	33	8	33	6	31	0.28	.	-
Meningitis, Bacterial Other	4	12	4	10	4	12	0.19	.	-
Meningitis, Fungal	0	4	0	5	0	0	.	.	-
Spotted Fever Rickettsiosis	0	1	1	1	0	0	.	.	-
Streptococcal Toxic Shock Syndrome (STSS)	0	17	5	10	10	36	0.09	.	-
Tuberculosis, Active	17	56	7	51	21	76	0.33	0.29	↓
West Nile Virus neuroinvasive disease	0	0	0	0	1	2	.	.	-

*Use of illness onset date in data aggregation for cases other than STD or TB (since Jan-2013) causes changes in cases reported here from previously released reports. Numbers are provisional including confirmed, probable, and suspect cases that are reportable to CDC. HIV/AIDS/TB case counts are provided on a quarterly basis. Rate suppression denoted by '.' for rates corresponding to case counts < 12.

-Diseases not reported in the past five years (aggregate data) and not reported during the current reporting period are not included in this report.

0—Confidence intervals (not shown) for the quarterly disease incidence rates provided a basis for an informal statistical test to determine if the current quarterly rates changed significantly from those of the previous 5-year aggregated rates. Green text represents rates that decreased significantly, whereas red text represents rates that increased significantly. Statistically significant changes are indicated by 'X.'