



# Memorandum

**Date:** September 9, 2024

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

**From:** **Anilkumar Mangla, MS, PhD, MPH, FRIPH, Director of Disease Surveillance & Control**  
**Cassius Lockett, PhD, Deputy District Health Officer-Operations**  
**Fermin Leguen, MD, MPH, District Health Officer** *[Signature]*  
\*authorized to sign on behalf of Fermin Leguen, MD, MPH

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

	August 2023	August 2024		YTD 23	YTD 24	
<b>Sexually Transmitted</b>						
<b>Chlamydia</b>	1211	997	↓	8418	8070	↓
<b>Gonorrhea</b>	508	471	↓	3791	3477	↑
<b>Primary Syphilis</b>	24	10	↓	161	104	↓
<b>Secondary Syphilis</b>	34	14	↓	237	161	↓
<b>Early Non-Primary, Non-Secondary<sup>1</sup></b>	65	28	↓	432	374	↓
<b>Syphilis Unknown Duration or Late<sup>2</sup></b>	122	76	↓	987	940	↓
<b>Congenital Syphilis (presumptive)</b>	5	2	↓	36	24	↓
<b>Moms and Babies Surveillance<sup>3</sup></b>						
<b>Pregnant Persons Living with HIV<sup>4</sup></b>	6	1	↓	37	30	↓
<b>Pregnant Syphilis Cases</b>	20	6	↓	185	84	↓
<b>Perinatally Exposed to HIV</b>	0	1	↑	2	18	↑
<sup>1</sup> Early Non-Primary, Non-Secondary= CDC changed the case definition from Early Latent Syphilis to Early Non-Primary, Non-Secondary <sup>2</sup> Syphilis Unknown Duration or Late=CDC changed the case definition from Late Latent Syphilis to Syphilis Unknown Duration or Late <sup>3</sup> Counts under this section represent investigations conducted by ODS concerning pregnant persons with HIV or syphilis and do not reflect actual counts of cases diagnosed in the specified period. These investigations are aimed at monitoring and preventing adverse health outcomes, such as perinatal HIV transmission and congenital syphilis. <sup>4</sup> The count reflects ODS efforts around pregnant persons with HIV and is not a reflection of total number of pregnant persons with HIV in our community. Persons living with HIV who become pregnant is not a reportable condition in Clark County.						
<b>Vaccine Preventable</b>						
<b>Haemophilus influenzae, invasive disease</b>	1	1	→	21	31	↑

	August 2023	August 2024		YTD 23	YTD 24	
Hepatitis A	2	1	↓	6	7	↑
Hepatitis B, acute	5	0	↓	22	24	↑
Influenza	16	5	↓	204	708	↑
Pertussis	3	1	↓	18	40	↑
RSV	31	8	↓	710	1941	↑
<b>Enteric Illness</b>						
Amebiasis	0	0	→	2	3	↑
Campylobacteriosis	11	7	↓	130	142	↑
Cryptosporidiosis	1	0	↓	6	19	↑
Giardiasis	8	3	↓	49	41	↓
Rotavirus	8	7	↓	94	112	↑
Salmonellosis	24	7	↓	140	100	↓
Shiga toxin-producing Escherichia coli (STEC)	5	6	↑	38	59	↑
Shigellosis	10	7	↓	52	91	↑
Yersiniosis	2	1	↓	11	26	↑
<b>Other</b>						
Candida auris	43	119	↑	388	1210	↑
Carbapenem-resistant Enterobacterales (CRE)	26	37	↑	115	406	↑
Coccidioidomycosis	22	14	↓	180	147	↓
Hepatitis C, acute	2	1	↓	3	10	↑
Invasive Pneumococcal Disease	4	7	↑	141	161	↑
Lead Poisoning	10	2	↓	116	79	↓
Legionellosis	3	0	↓	24	19	↓
Meningitis, aseptic	4	1	↓	20	17	↓
Meningitis, Bacterial Other	2	1	↓	5	4	↓
Streptococcal Toxic Shock Syndrome (STSS)	5	3	↓	25	28	↑
New Active TB Cases Counted (<15 yo)	0	0	→	2	3	↑
New Active TB Cases Counted (>= 15 yo)	3	4	↑	47	44	↓

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	17	0	43	0
Gonorrhea	8	1	21	0
Syphilis	23	1	186	1
HIV/AIDS (New to Care/Returning to Care)	34	2	79	0
Tuberculosis	13	0	5	1
<b>TOTAL</b>	<b>95</b>	<b>4</b>	<b>334</b>	<b>2</b>

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-19 Activities

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

4. Disease and Outbreak Investigations

a. **Mpox:** As of August 27, 2024, Clark County had 317 cases of mpox.

b. **Shigella Sonnei Cluster:** ACDC and OIE staff are conducting an ongoing investigation into a local cluster of *Shigella sonnei*. Approximately 24 persons have this serotype with closely matching whole genome sequencing, which is a significant portion of the *Shigella* cases reported to SNHD this year. Hypothesis generating questionnaires were administered to the affected individuals, however a common source of illness was not identified. This investigation was closed.

c. **Norovirus outbreak at a local Elementary School:** SNHD ACDC staff were notified on 8/16 of an emergent outbreak situation at a local K-8 school in the valley. The initial number of ill persons provided upon contact with the school was approximately 19 children, but the number grew substantially; as of 09/10/2024, 2 cases were confirmed by laboratory testing processed through SNPHL, and Norovirus was confirmed as the causal agent. Environmental Health responded to the school, and worked with the school administration to confirm an appropriate sanitation plan was in place. This investigation has been closed.

d. **Legionellosis cluster:** On June 11, 2024, ACDC received a report from a local hospital reporting 3 cases of Legionellosis on the same day. A cluster investigation was initiated because all three cases resided within a small radius geographically. Three additional cases were identified in the same geographic area in the previous two months. ACDC, OIE and Environmental Health consulted with the CDC and environmental health set up a rigorous testing schedule based on the epidemiological findings of this investigation. SNHD partnered with the state to assess and evaluate two state licensed facilities during this investigation. This investigation has been closed.

e. **Legionellosis Investigation associated with hotel and resort:** The Southern Nevada Health District investigated two travel-associated cases of Legionnaires' disease in guests who stayed at Caesars Palace Hotel and Casino. On two occasions during the last six months, individuals were diagnosed with Legionnaires' disease shortly after a stay at Caesars Palace Hotel and Casino. One individual stayed during December 2023; the other individual stayed during June 2024. Water sampling was conducted after learning of each case. Water

sampling after the first case was conducted and all samples tested negative for Legionella. Water sampling from the property’s Palace Tower was conducted this month after learning of the second case. Nineteen initial samples were taken at various points in the water system. One sample tested positive for Legionella; all other samples tested negative. The facility conducted remediation of the water system and subsequent testing has come back negative. The facility cooperated with the Health District’s investigation and steps to notify guests of the potential for exposure and ways to minimize risk are underway. This investigation is closed.

- f. **West Nile Virus Season:** WNV season began with an extremely high positivity rate in mosquitoes beginning in May 2024. The first human case was reported in June. In the month of August, ACDC conducted 5 WNV investigations with 3 of those being classified as cases.

**5. Non-communicable Reports and Updates**

- a. Naloxone Training: SNHD is training and distributing naloxone (Narcan®) to first responders and members of key community sectors throughout Nevada to better respond to the large-scale burden of opioid overdoses. SNHD is receiving naloxone through SAMHSA’s First Responders-Comprehensive Addiction and Recovery Act (FR-CARA) grant which began on September 30, 2022. SNHD is also distributing naloxone through the CDC’s Overdose Data to Action (OD2A) funding. ODS has implemented a policy for SNHD staff to carry and administer Naloxone. ODS has also been given permission at the Clark County Detention Center to place Naloxone in a person’s property at the facility.

The following Naloxone trainings/distributions have taken place in the month of August:

Naloxone Distribution//	Agency	# Trained	# of Naloxone doses distributed
8/5/2024	L2A Jail		110
8/6/2024	Feed My Sheep Outreach	9	
8/7/2024	LVMPD		264
8/7/2024	Founders Club		10
8/7/2024	Davis Funeral Home		16
8/7/2024	Shine a Light		1512
8/7/2024	UNICares Project		984
8/7/2024	Arizona Charlies Boulder		24
8/7/2024	Wells Cargo		120
8/7/2024	Sober Testing Services		120
8/7/2024	Sin City Sisters		312
8/8/2024	Fairchild Go Smoke Shop		120
8/8/2024	Henderson Angels		504
8/8/2024	SNHD Staff	18	

8/14/2024	Teamsters National Black Caucus	15	
8/14/2024	HELP USA	18	
8/15/2024	L2A Outreach		70
8/15/2024	Shine a Light		8016
8/15/2024	Venetian		-40
8/15/2024	SNHD - L2A		40
8/15/2024	The Embracing Project	25	
8/15/2024	ATF	16	48
8/19/2024	NDOC - Southern Desert	35	
8/22/2024	UMC		192
8/22/2024	Daddys Juiced		96
8/22/2024	Feed My Sheep Outreach		1008
8/22/2024	Save Our Sinners		528
<b>Total</b>		<b>136</b>	<b>14,054</b>

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

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

<b>FTS Distribution</b>		
8/7/2024	Shine a Light	(4800 strips)
8/15/2024	SNHD Health Education Team	(2400 strips)
8/22/2024	Save Our Sinners	(900 strips)
<b>Total FTS:</b>		<b>8,100</b>
<b>XTS Distribution</b>		
8/7/2024	Shine a Light	(5200 strips)
8/15/2024	SNHD Health Education Team	(200 strips)
8/21/2024	SNHD DIIS	(300 strips)
8/22/2024	Save Our Sinners	(900 strips)
<b>Total XTS:</b>		<b>6,600</b>

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

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

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

- b. ODS continues to collaborate with community partners to participate at various outreach events. This month we were a part of the Latin Chamber of Commerce of Nevada’s *La Oportunidad Expo* held August 3<sup>rd</sup> at the Boulevard Mall. Additionally, we were in attendance to support the inaugural “Me, Myself, and I,” Black Women and HIV event hosted by Horizon Ridge Wellness Center. This event was held at the Pearson Community Center located at 1625 W. Carey Ave on August 15<sup>th</sup>. At both events, we offered onsite rapid HIV and HCV testing as well as syphilis testing, harm reduction supplies, and additional educational materials. Our continued collaboration and presence at events like these in the community is key to gaining community trust and to help destigmatize HIV/STI testing which is vital to ending the HIV epidemic.
- c. Distribution is ongoing - TB Surveillance developed a laminated flyer titled “Is it TB?” The content includes messaging that encourages providers to “think TB” when talking to their patients about their risks and symptoms. Additionally, there is reporting information and a QR code that links to the provider education training: <https://lp.constantcontactpages.com/su/p26ucWo/TBRRegistration>

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

Testing is currently offered at Trac-B for HIV and Hep C. Also, The Center is offering screenings for HIV, Hep C, Gonorrhea, Chlamydia and Syphilis to the community Monday-Thursday from 1pm-5pm and every Saturday from 9am-2pm. AHF is also offering HIV and STD screenings at their Wellness Clinic locations on Monday, Wednesday, and Friday, and on their MTU.

<b>Office of Disease Surveillance- HIV Prevention Screening/Testing Efforts</b>						
<b>Prevention - SNHD HIV Testing</b>	<b>Aug-23</b>	<b>Aug-24</b>		<b>YTD 23</b>	<b>YTD 24</b>	
<b>Outreach/Targeted Testing</b>	1103	431	↓	7886	8275	↑
<b>Clinic Screening (SHC/FPC/TB)</b>	238	129	↓	2576	2716	↑
<b>Outreach Screening (Jails)</b>	369	233	↓	2274	1954	↓
<b>Collect2 Protect</b>	11	6	↓	126	74	↓
<b>TOTAL</b>	1721	799	↓	12862	13019	↑
<b>Outreach/Targeted Testing POSITIVE</b>	6	0	↓	53	29	↓
<b>Clinic Screening (SHC/FPC/TB) POSITIVE</b>	1	1	→	8	6	↓
<b>Outreach Screening (Jails, SAPTA) POSITIVE</b>	1	1	→	9	4	↓
<b>Collect2 Protect POSITIVE</b>	0	0	→	0	0	→
<b>TOTAL POSITIVES</b>	8	2	↓	70	39	↓

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

- 1. 08/01/2024: Led, Coordinated, Presented, and Attended at the Southern Nevada Substance Misuse and Overdose Prevention Summit; 201 people in attendance; 9 ODS Health Educator attendees.
- 2. 08/01/2024: Interviewed by Telemundo at Southern Nevada Substance Misuse and Overdose Prevention Summit; 1 person in attendance; 1 ODS staff attendee.

3. 08/02/2024: Represented SNHD on Big Cities Health Coalition Substance Use Working Groups; 10 people in attendance; 21 ODS health educator attendees.
4. 08/02/2024: Represented SNHD on Big Cities Health Coalition Injury Prevention Working Group; 10 people in attendance; 2 ODS health educator attendees.
5. 08/02/2024: Presented on CredibleMind at the Clark County Children's Mental Health Consortium Meeting; 45 people in attendance; 2 ODS staff attendees.
6. 08/02/2024: Clark County Children's Mental Health Consortium (CCCMHC) meeting attended by ODS Health Educator Staff as Chair; ~45 people in attendance from multiple agencies; 2 SNHD ODS staff attendees.
7. 8/06/2024: Facilitated (with Academic Affairs) Health District after Dark: Health Equity in Sin City; 60+ people in attendance; 2 ODS staff attendees.
8. 08/07/2024: Attended and facilitated Joint Southern and Northern Nevada HIV Prevention Planning Group Meeting facilitated by Southern Nevada HIV Prevention Planning Group; 27 people in attendance; 4 ODS staff attendees.
9. 08/07/2024: Led AG's SURG Prevention Subcommittee Meeting on behalf of Nevada's AG; 30 people in attendance; 1 ODS staff attendee.
10. 08/08/2024: Facilitated PHVM Technical Assistance session with Silver Summit; 5 people in attendance; 1 ODS staff attendee.
11. 08/14/2024: Facilitated Harm Reduction in Action Training provided to Community Counseling Center; approx. 30 people in attendance; 1 ODS Health Educator attendees.
12. 08/14/2021: Attended Teamsters National Black Caucus Training Conference to discuss naloxone; 15 people in attendance; 1 ODS staff attendee.
13. 08/15/2024: Facilitated Me, Myself, and I: Women's Healthcare Roundtable; 50 people in attendance; 3 ODS staff attendees.
14. 08/20/2024: Facilitated Public Health Vending Machine (PHVM) Round Table; approx. 45 people in attendance; 1 ODS Staff attendee.
15. 08/20/2024: Attended Clark County Children's Mental Health Consortium (CCCMHC) Public Awareness Workgroup meeting as a representative; ~20 people in attendance from multiple agencies; 2 SNHD ODS staff attendees.
16. 08/20/2024: Presented on CredibleMind at the SNHD ODS Staff Meeting; ~50 people in attendance; ~50 ODS SNHD staff attendees.
17. 08/20/2024 – 8/22/2024: Attended Safe States Annual Conference; ~450 people in attendance; 1 ODS staff attendee.
18. 08/21/2024: Facilitated "SafeTALK Suicide Prevention" training; 20 people in attendance; 2 SNHD ODS staff attendees.
19. 08/22/2024: Facilitated Overdose Response with Naloxone Training – Substance; 31 people in attendance; 1 ODS staff attendee.
20. 08/23/2024: Presented at LIMA Community Resource Meeting to discuss Overdose Prevention Programs; 200 people in attendance; 2 ODS staff attendees.
21. 08/26/2024: Led AG's SURG Prevention Subcommittee Meeting on behalf of Nevada's AG; 30 people in attendance; 1 ODS staff attendee.
22. 08/27/2024: Attended Ryan White Part A Vegas Priority Setting and Resource Allocation Orientation Training as SNHD representative; 35 people in attendance; 2 ODS staff attendees.
23. 08/28/2024: Represented SNHD at LCME for Roseman College of Medicine; 10 people in attendance; 1 ODS staff attendee.
24. 08/31/2024: Provided outreach/education at International Overdose Awareness Day Event; ~150 people attended; 4 ODS staff attendees.

**D. Other**

1. Communicable Disease Statistics: July 2024 disease statistics are attached (see Table 1).

**MONTHLY REPORT – August 2024**

**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. Ongoing user account support, added new TB questions for MMG data export, review NORS form.
  - b. Continue to update and enhance Data Warehouse; updated ETL process to address issue with missing columns.
  - c. Pentaho report updates; updated STD/HIV and ODTA reports
  - d. 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. 421 tasks have been completed with 74 tasks left.
  
2. Electronic Message Staging Area (EMSA)
  - a. Continue to work on EMSA2: mapping new codes, incoming labs, data processing, and logic review for exceptions and errors.
  - b. Message exception review sessions.
  - c. HCA Sunrise ECR intake into EMSA in full production – ongoing exception mapping for incoming messages.
  - d. Onboarding other HCA facilities, currently Mountainview eCR into EMSA, reviewing exceptions and data fields for data mapping completeness into EpiTrax.
  - e. Updated “Rabies, Animal”, “COVID”, and “RSV” ELR logic to follow our new investigation guideline.
  
3. 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-19 interface between instruments, COVID-19 POD app and Orchard, to include COVID-19 testing and reporting as needed. Implementing combined testing for SNPHL of COVID-19/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. Clark County Coroner’s Office, Sunrise Hospital-Microbiology lab, and So. NV Veterans Home have gone live with the Outreach system, which provides specimen ordering and result delivery from/to partners in a more efficient and timelier manner. Planning for Veterans Administration (VA) and Office of Disease Surveillance (ODS).
  - f. Continue making modifications to the LRN-B interface for CDC requested changes.
  - g. Testing an electronic laboratory interface between the Nevada State Public Health Lab and the Southern Nevada Public Health Lab for orders/results.
  
4. Electronic Health Record (EHR) System
  - a. Maintain the system for patient care and documentation. Configuration modifications to improve charting, reporting efficiency and to accommodate new locations and services.
  - b. Continue data extraction and processing using Fast Healthcare Interoperability Resources (FHIR). Working with NV HIE and eCW on eCR and FHIR implementation.
  - c. Continued adoption of Azara, the data warehouse/analytics platform.
  - d. Pharmacy/medication usage data/report.
  - e. Configuration Modifications for the Healthy Start Program (Maternal Child Health).



- f. Implemented Family Planning interface reconciliation process and FPAR report prompt/filter resolution.
  - g. Continue discussions for consolidation/streamlining of Sexual History Documentation.
  - h. Phase 1 completed for automation between eCW and iCircle.
  - i. Care Plan implementation.
  - j. No show prediction feature evaluation
  - k. Family Planning Reproductive History configuration modifications
  - l. Monthly reports
- 5. 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.
  - d. Exploring automation processes for data exchange with National Violent Death Registration System (NVDRS).
  - e. Participating in FHIR specification development with the Georgia Tech Research Institute (GTRI).
  - f. Outreach project implementation for orders/results to/from SNPHL.
  - g. De-commission old data feeds since Outreach system has been implemented and provides this data.
- 6. COVID-19 Support**
- a. Maintain COVID-19 interface between instruments, COVID-19 POD app and Orchard, to include COVID-19 testing and reporting as needed.
  - b. Provide support by automating COVID-19 hospitalization notifications, demographic extracts, lab tests and treatment information from HIE CCDs for public health surveillance.
  - c. Completed redesign of COVID-19 dashboard to match CDC's COVID-19 dashboard layout and data metrics. Updated vaccination data up to December 2023.
  - d. Maintain and enhance COVID-19 lab results portal.
  - e. Attend bi-weekly meetings with UNLV for COVID-19 race/ethnicity data geocoding and geospatial analysis.
  - f. Bi-weekly upload of State COVID-19 vaccine files.
  - g. Maintenance of data pipeline from Nevada Hospital Association for occupied beds.
- 7. API Server**
- a. Preliminary Data Downloads from National Weather Service's API into our data warehouse.
  - b. Review HIE API and Vital Stats to identify the data needed for PILLARS project
- 8. Data Modernization Initiative (DMI)**
- a. Continue to work with the State on DMI project.
  - b. Continue to work with NC HIE on TEFCA and FHIR projects.
  - c. eCR project: Onboarding HCA Mountainview into EMSA.
  - d. continue implementing MMG GENV2 Phase 2
  - e. MMG TB/LTBI fields review and implement into EpiTrax
- 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.

## 10. Grant Updates

- a. End of Year Report for PHEP BP5 report was completed.
- b. ELC grant Q3 progress reports were completed.
- c. COVID Health Disparity grant Q3 progress report was completed.
- d. FR-CARA Q3 progress report was completed.
- e. NVDRS Q4 report was completed.
- f. SUDORS Q4 report was completed.
- g. Completed the NACCHO Wastewater Surveillance Mentorship Final Report and short presentation
- h. Monthly report for DMI Supplemental grant.

## 11. Reports

- a. The following FQHC/Clinical reports were completed and submitted.
  - eCW No-Show eBO Reports
  - Patients Prescribed with Levemir Report
  - SHC report for PrEP Reason Visit
  - PrEP Rx male patient report for Ryan White
  - FQHC Medicaid Visits Report
  - HPV Vaccine & Opt-in Box Report
  - SHC FY 24 client report for clinic stats
  - WRAP Report Group NPI
  - Hep B Client Report for Ryan White
  - Positive Syphilis Report error
  - CQM Report
- b. Epidemiology Reports:
  - Data quality reports to support the Office of Disease Surveillance's activities and STD/HIV grant deliverables.
  - Monthly - Drug Overdose Report – External
  - Monthly - BOH report
  - Monthly and quarterly disease statistics
  - Daily, biweekly, bimonthly, and monthly COVID-19 reports
  - Weekly Mpox case and vaccination report
  - Ongoing monthly and quarterly reports for FOCUS HIV grant project
  - Monthly NVDRS, SUDORS and NCLPP reports
  - Outreach site HIV testing stats-weekly
  - EPT report- weekly
  - Weekly arbovirus update
  - Weekly Internal Heat Related Illness report
  - Monthly Heat Related Death and Illness report
- c. Other report updates:
  - Daily, weekly, and monthly SNPHL reports and upkeep.
  - State NETSS weekly/YTD report.
  - Continue working on the Healthy Southern Nevada, Chronic Disease Dashboard.
  - CSTE/CDC Forecasting Workgroup calls
  - Continue DIIS performance report discussion with ODS.
  - SNHD Health Equity Report - working on updates for 2025SNHD COVID-19 Health Disparity grant quarterly progress report
  - Monthly and quarterly report from UNLV regarding COVID-19 Health Disparity Assessment and Healthcare Equity Modeling project. Epi staff have reviewed 3 manuscripts for possible publication from these analyses.

## 12. Training

- a. Staff attended and/or completed the following trainings, conferences, presentations, and webinars:
  - Attending EPI OCR working meetings
  - Attending EpiTrax User Weekly Collaboration and Learning Meeting Leadership Journey Training
  - CSTE DMI summit conference, Atlanta, GA
  - CDC-BCHC future of public health data summit conference, Dallas, TX
  - PHIG Reverse Site Visit, San Diego, CA
  - 2024 Wastewater Disease Surveillance Summit.

## 13. Contracts

- a. AMENDMENT A02 to Professional Services Agreement between Southern Nevada Health District and Board of Regents Nevada System of Higher Education on Behalf of University of Nevada, Las Vegas School of Public Health C2300092 regarding "COVID-19 Health Disparity Assessment and Healthcare Equity Modeling" project is complete.
- b. AMENDMENT A01 to the Interlocal Agreement between Southern Nevada Health District and the Clark County Office of the Coroner/Medical Examiner C2400082 regarding NVDRS was fully executed in July.
- c. AMENDMENT A01 to the Interlocal Agreement between Southern Nevada Health District and the Clark County Office of the Coroner/Medical Examiner C2400084 regarding SUDORS was fully executed in July.
- d. The Interlocal Agreement between Southern Nevada Health District and the Clark County Office of the Coroner/Medical Examiner C2400119 regarding SUID/SDY was fully executed in July.
- e. Data Use agreement between Southern Nevada Health District and State of Nevada DHHS (2024010900001356) for Hospital Discharge data is signed.
- f. Professional Service contract between Southern Nevada Health District and ESRI for ArcGIS dashboard development is fully executed agreement.
- g. BAA with Nevada State Public Health Laboratory awaiting signatures.

## 14. Other Projects

- a. Work with CDC to implement TEFCA early demonstration project.
- b. Continue to maintain and enhance iCircle web application for OEDS. User account support, site maintenance, data corrections and updates.
- c. Continue to meet and work on UNLV Base model project.
- d. Assist Epidemiology and Surveillance programs, Office of EMS/Trauma System, Environmental Health, and Clinic Services with various data requests, data exports, and report generation.
- e. Working on Women's Health Associates of Southern Nevada (WHASN) ELR feed implementation.
- f. Maintenance of the NHA Data Webservice Script.
- g. Monthly Presentation on Death certificates for Residents doing rotations at SNHD.
- h. Continue working on Healthy Start Project.
- i. Community Status Assessment and Community Context Assessment (CHA) project with NICRP.
- j. August Child Death Review
- k. Updated NETSS file for HIV and SOGI.
- l. Continue on 2021 antibiogram data for WHONET/BACLINK process before releasing this to the public site
- m. Open Enterprise Master Patient Index (EMPI) initial database and application setup is completed.
- n. Prepare communicable diseases data export to NV state



July 2024: Clark County Disease Statistics\*

Data as of 08/29/2024

Disease	2022		2023		2024	
	July	YTD	July	YTD	July	YTD
<b>VACCINE PREVENTABLE</b>						
COVID-19	20,852	228,189	1,482	18,773	2,986	11,184
Haemophilus influenzae, invasive	1	9	1	20	4	30
Hepatitis A	1	4	1	4	1	5
Hepatitis B, acute	1	15	3	17	4	24
Hepatitis B, chronic	67	461	112	731	74	679
Influenza	16	470	22	188	16	703
Meningococcal disease ( <i>N. meningitidis</i> )	0	0	0	0	0	2
Mumps	1	1	0	0	0	3
Pertussis	2	46	3	15	2	39
RSV	61	939	14	679	8	1,934
<b>SEXUALLY TRANSMITTED</b>						
Chlamydia	1,090	7,399	1,011	7,207	928	7,071
Gonorrhea	527	3,729	481	3,283	403	3,006
HIV	37	254	36	284	13	273
Stage 3 HIV (AIDS)	16	95	18	91	0	45
Syphilis (Early non-primary, non-secondary)	62	363	60	367	26	344
Syphilis (Primary & Secondary)	73	423	49	340	38	241
<b>CONGENITAL CONDITIONS</b>						
Hepatitis C, Perinatal Infection	0	0	0	1	1	3
Congenital Syphilis	5	34	1	31	6	22
<b>ENTERICS</b>						
Amebiasis	0	1	1	2	0	3
Campylobacteriosis	13	66	21	119	17	135
Cryptosporidiosis	0	9	0	5	3	19
Giardiasis	5	25	8	41	6	37
Rotavirus	4	125	18	86	6	105
Salmonellosis	14	93	18	116	20	92
Shiga toxin-producing <i>E. coli</i> (STEC)	6	50	9	33	13	53
Shigellosis	5	32	4	42	9	84
Vibriosis (Non-cholera <i>Vibrio</i> species infection)	1	2	0	2	1	7
Yersiniosis	3	6	1	9	3	25
<b>OTHER</b>						
Brucellosis	0	1	0	0	0	0
Coccidioidomycosis	18	84	21	158	20	133
Exposure, Chemical or Biological	8	9	0	1	2	4
Hepatitis C, acute	0	2	0	1	1	9
Hepatitis C, chronic	225	1,785	115	1,685	139	959
Invasive Pneumococcal Disease	6	109	12	137	11	154
Lead Poisoning	7	79	19	106	1	77
Legionellosis	2	17	3	21	6	19
Listeriosis	0	3	0	0	0	4
Lyme Disease	1	4	3	3	1	5
Malaria	2	5	0	7	3	4
Meningitis, Aseptic	2	10	7	16	2	16
Meningitis, Bacterial Other	3	6	1	3	0	3
Meningitis, Fungal	0	0	0	0	0	3
Q Fever, acute	0	0	1	1	0	0
Rabies, exposure to a rabies susceptible animal	25	200	30	208	30	185
Streptococcal Toxic Shock Syndrome (STSS)	1	4	3	20	3	25
Tuberculosis (Active)	3	32	6	45	8	42
West Nile virus neuroinvasive disease	0	0	0	0	2	13

\*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.