



# Memorandum

**Date:** April 6, 2023  
**To:** Southern Nevada District Board of Health  
**From:** Cassius Lockett, PhD, Director of Disease Surveillance & Control  
 Fermin Leguen, MD, MPH, District Health Officer *FL* *gj*

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

	Mar 2022	Mar 2023		YTD 22	YTD 23	
<b>Sexually Transmitted</b>						
Chlamydia	1144	1150	↑	3049	3129	↑
Gonorrhea	593	449	↓	1596	1377	↓
Primary Syphilis	20	6	↓	55	48	↓
Secondary Syphilis	31	12	↓	103	70	↓
Early Non-Primary, Non-Secondary <sup>1</sup>	54	24	↓	154	129	↓
Syphilis Unknown Duration or Late <sup>2</sup>	114	72	↓	341	286	↓
Congenital Syphilis (presumptive)	7	1	↓	17	17	→
<b>Moms and Babies Surveillance</b>						
HIV Pregnant Cases	2	3	↑	10	10	→
Syphilis Pregnant Cases	28	14	↓	56	66	↑
Perinatally Exposed to HIV	0	3	↑	3	6	↑
<sup>1</sup> Early Non-Primary, Non-Secondary= CDC changed the case definition from Early Latent Syphilis to Early Non-Primary, Non-Secondary <sup>2</sup> Syphilis Unknown Duration or Late=CDC changed the case definition from Late Latent Syphilis to Syphilis Unknown Duration or Late						
<b>Vaccine Preventable</b>						
Haemophilus influenzae, invasive disease	2	0	↓	4	12	↑
Hepatitis A	1	0	↓	2	0	↓
Hepatitis B, acute	2	0	↓	9	2	↓

Southern Nevada District Board of Health April 27, 2023  
 Disease Surveillance & Control Division Monthly Activity Report

	Mar 2022	Mar 2023		YTD 22	YTD 23	
Influenza	104	8	↓	144	82	↓
Pertussis	9	1	↓	20	4	↓
<b>Enteric Illness</b>						
Campylobacteriosis	6	16	↑	17	42	↑
Cryptosporidiosis	2	0	↓	3	2	↓
Giardiasis	2	2	→	13	8	↓
Rotavirus	28	3	↓	45	8	↓
Salmonellosis	10	5	↓	34	31	↓
Shiga toxin-producing Escherichia coli (STEC)	11	1	↓	26	7	↓
Shigellosis	1	7	↑	6	13	↑
<b>Other</b>						
Coccidioidomycosis	7	1	↓	31	16	↓
Hepatitis C, acute	0	0	→	2	1	↓
Invasive Pneumococcal Disease	14	29	↑	57	83	↑
Lead Poisoning	18	12	↓	41	32	↓
Legionellosis	0	3	↑	6	6	→
Meningitis, aseptic	1	0	↓	3	2	↓
Meningitis, Bacterial Other	1	0	↓	2	0	↓
Streptococcal Toxic Shock Syndrome (STSS)	0	6	↑	2	18	↑
New Active TB Cases Counted (<15 yo)	1	0	↓	1	0	↓
New Active TB Cases Counted (>= 15 yo)	4	4	→	12	12	→

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	38	0	63	0
Gonorrhea	17	0	31	0
Syphilis	56	5	199	2
HIV/AIDS (New to Care/Returning to Care)	18	1	70	0
Tuberculosis	32	0	9	0
<b>TOTAL</b>	<b>161</b>	<b>6</b>	<b>372</b>	<b>2</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

Southern Nevada District Board of Health April 27, 2023  
Disease Surveillance & Control Division Monthly Activity Report

- a. Contact Tracers (CTs) – SNHD
    - i. SNHD staff, Current Total: 29
      - 1. Lead CTs – 5
      - 2. Contact Tracers; investigators and outreach – 24
    - ii. Contracted Contact Tracers, Current Total: 100
      - 1. CSAA team of 100
  - b. Testing
    - i. Contact tracing team continues to work the College of Southern Nevada (CSN) (3 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. School Team – A dedicated team of Contact Tracers who have been assigned to support the schools and work closely with CCSD and other local schools.
    - ii. Priorities – CTs prioritize outbreak reports, and reports of multiple cases in settings of high-risk transmissions and vulnerable populations. This may include, but is not limited to, detention centers, homeless shelters, daycares, and congregate settings.
4. Disease and Outbreak Investigations
- a. **Influenza:** The 2022-2023 influenza season surveillance in Clark County, Nevada started on October 2, 2022. Influenza surveillance for Clark County, Nevada includes data collected from local acute care hospitals and other healthcare providers. Nationwide, the seasonal influenza activity is low across the country. Statewide, the Outpatient Respiratory Illness Activity in Nevada is at the minimal level as well. Locally, as of 3/25/2023, for the 2022 - 2023 influenza season, 844 influenza-associated hospitalizations and 47 deaths associated with influenza were reported. Influenza A has been the dominant type circulating. This is an ongoing surveillance.
  - b. **2019 Novel Coronavirus (COVID-19):** As of March 27, 2023, Clark County had 602,273 cases; 9,335 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 contact tracing for outbreaks and vulnerable populations. ACDC is providing public health recommendations related to masking, isolation and other public health mitigation measures to

prevent the spread of Covid-19 during times of low, medium and high community levels. Currently SNHD continues to monitor trends, investigate cases, provide guidance and maintain community testing sites. This is an ongoing response effort.

- c. **Monkeypox:** As of March 31, 2023, Clark County had 295 cases of monkeypox. ACDC continues to monitor contacts to these cases as well as residents of Clark County that have been identified as contacts to out of state cases. DSC has partnered with the SNHD vaccination team to provide vaccines at non-traditional locations and times. This response is ongoing.
- d. **Acute Gastroenteritis Investigation – Daycare Facility:** DSC received a notification of gastrointestinal illnesses of unknown etiology at a local day care. Preliminary information received stated approximately more than 30 children and staff complained of experiencing nausea, projectile vomiting, diarrhea, fever, and cramps. DSC initiated an outbreak investigation and conducted a site visit at the facility. No causative agent was identified. This investigation has been closed.
- e. **Acute Gastroenteritis Investigation – Catered Event:** DSC received notification of gastrointestinal illnesses of unknown etiology at a catered, private event. Preliminary information received stated approximately 40 attendees complained of experiencing headache, nausea, vomiting, and diarrhea. DSC conducted an outbreak investigation. No causative agent was identified. This investigation has been closed.
- f. **Orleans Legionella Outbreak Investigation:** At the end of January, DSC received two notifications of legionellosis in people who had stayed at the Orleans Hotel in late December 2022 and early January 2023. DSC and EH conducted environmental sampling in the cases' rooms and received positive results. Case finding activities are in progress and an investigation has been initiated. Remediation of the affected tower has been completed and follow up testing will take place. Post remediation sampling all came back non detect. Case finding activities have stopped, the remaining cases are being completed to begin the outbreak report.

## 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.

Southern Nevada District Board of Health April 27, 2023  
Disease Surveillance & Control Division Monthly Activity Report

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

- 3/1/2023 - Clark County Animal Protections (27 trained, 54 doses distributed)
- 3/6/2023 - Nevada State College Nursing Students (8 trained, 18 doses distributed)
- 3/7/2023 - Nevada Partners (5 ttrained, 10 doses distributed)
- 3/7/2023 - Treasure Island (2 trained, 24 doses distributed)
- 3/13/2023 - Rural Court Administrators (20 trained, 42 doses distributed)
- 3/20/2023 - Nye County Community Partners (21 trained)
- 3/21/2023 - SNHD - Security Staff (8 trained, 20 doses distributed)
- 3/22/2023 - SNHD - Security Staff - Fremont (6 trained, 14 doses distributed)
- 3/22/2023 - SNHD - L2A (48 doses distributed)
- 3/27/2023 - Sober Testing Services (8 trained, 18 doses distributed)
- 3/28/2023 - SNHD - Staff - Virtual (7 trained)
- 3/29/2023 - Southern Desert Correctional Center (48 trained, 80 doses distributed)
- 3/30/2023 - CCSD Police (48 doses distributed)
- 3/30/2023 - The Center (100 doses distributed)

- 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 March:

- 03/01/2023 SNHD ODS Health Education (100 Strips)
- 03/02/2023 SNHD Linkage to Action Team (100 Strips)
- 03/07/2023 Shine A Light (300 Strips)
- 03/10/2023 SWAID (1000 Strips)
- 03/14/2023 SNHD Linkage to Action Team (200 Strips)
- 03/15/2023 The Cupcake Girls (300 Strips)
- 03/27/2023 Bartender Supply (2400 Strips)
- 03/29/2023 PACT Coalition (2400 Strips)
- 03/29/2023 Roseman University (300 Strips)

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

- a. Ongoing promotion continues of Collect2Protect (C2P), an online service for those requesting testing for gonorrhea, chlamydia, and HOME HIV test kits. 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, Huntridge Family Clinic and AHF continue to offer ongoing HIV/STD, PrEP/PEP, and rapid stART services to the community. This month we observed National Women and Girls HIV/AIDS Awareness Day on March 10<sup>th</sup>. To commemorate National Women and Girls HIV/AIDS Awareness Day, the Southern Nevada Health District (SNHD) ODS participated with The Center and the Southern Nevada Health Consortium in their "It's 'T'EA Time" event to talk about HIV with women. We hosted a table with tea, safe sex kits and education about pre- and post-exposure prophylaxis (PrEP, PEP) at The Center's location of 401 S. Maryland Pkwy. National Women and Girls HIV/AIDS Awareness Day is an opportunity to highlight efforts to reduce HIV infections, reduce sexually transmitted disease and address HIV stigma in women and girls. In 2019, women made up 18 percent of new HIV/AIDS diagnoses. The highest number of new diagnoses were among women ages 25 to 44. These events encourage testing and awareness so women can learn their HIV status and begin to receive treatment if they are HIV-positive.

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. In addition, free at-home HIV test kits are available through SNHD's [Collect2Protect](#) program.

- b. Express Testing services in SHC/Annex A continues to do well. The [Collect2Protect](#) program allows users to conveniently and privately order an at-home HIV test kit 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. Express Testing is offered Monday – Thursday, 8 a.m. – 4:30 p.m.
- c. ODS continues to offer outreaches on the MTU targeting MSM at Oddfellows Bar and Las Vegas TransPride Center. In addition, ODS has been offering outreach services to certain 7-11 and Walgreens locations throughout the valley targeting zip codes with high reporting HIV morbidity. At these sites, HIV rapid and syphilis testing is offered along with information on PrEP/PEP, condoms and resources for additional services.

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

Testing is currently being 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.

Southern Nevada District Board of Health April 27, 2023  
 Disease Surveillance & Control Division Monthly Activity Report

<b>Office of Disease Surveillance- HIV Prevention Screening/Testing Efforts</b>						
<b>Prevention - SNHD HIV Testing</b>	<b>Mar -22</b>	<b>Mar -23</b>		<b>YTD 22</b>	<b>YTD 23</b>	
<b>Outreach/Targeted Testing</b>	904	542	↓	2581	2243	↓
<b>Clinic Screening (SHC/FPC/TB)</b>	276	277	↑	902	1073	↑
<b>Outreach Screening (Jails, SAPTA)</b>	82	329	↑	145	526	↑
<b>Collect2 Protect</b>	22	12	↓	76	48	↓
<b>TOTAL</b>	1284	1160	↓	2421	3890	↑
<b>Outreach/Targeted Testing POSITIVE</b>	9	3	↓	26	13	↓
<b>Clinic Screening (SHC/FPC/TB) POSITIVE</b>	2	1	↓	4	2	↓
<b>Outreach Screening (Jails, SAPTA) POSITIVE</b>	1	1	→	1	2	↑
<b>Collect2 Protect POSITIVE</b>	0	0	→	0	0	→
<b>TOTAL POSITIVES</b>	12	5	↓	19	17	↓

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

- 03/01/2023: Facilitated Congenital Syphilis training for Women's Services Division at Henderson Hospital; 15 people in attendance; 1 ODS Health Educator attendee.
- 03/01/2023: Academic Detailing Modeling for UNLV School of Nursing (SON) Students; 4 people in attendance; 1 ODS Health Educator attendee.
- 03/01/2023: Facilitated Naloxone Training - Clark County Animal Protection Services; 27 people in attendance; 1 ODS Health Educator attendee.
- 03/03/2023: Clark County Children's Mental Health Consortium (CCCMHC) meeting attended by ODS Health Educator Staff as Vice-Chair; ~40 people in attendance from multiple agencies; 1 SNHD ODS staff attendee.
- 03/04/2023: Presented on SNHD sexual health services for the Center's "Sex and Candy" event regarding Trans and Gender Non-Conforming Health; ~20 people in attendance; 1 ODS Health Educator attendee.
- 03/06/2023: Facilitated Naloxone Training - Nevada State College Nursing Students; 8 people in attendance; 1 ODS Health Educator attendee.
- 03/07/2023: Facilitated Naloxone Training - Nevada Partners; 5 people in attendance; 1 ODS Health Educator attendee.
- 03/07/2023: Facilitated Naloxone Training - Treasure Island; 2 people in attendance; 1 ODS Health Educator attendee.
- 03/07/2023: Public Health Vending Machine News Channel 8 Interview; 1 ODS Health Educator interviewed.
- 03/07/2023: School Safety Action Committee meeting presentation by ODS Health Educator Staff; ~45 people in attendance from multiple agencies including CCSD and LVMPD; 1 SNHD ODS staff attendee.
- 03/08/2023: "Mental Health First Aid for Adults" training facilitated by ODS Health Educator Staff; 10 people in attendance; 9 SNHD ODS staff attendees.

Southern Nevada District Board of Health April 27, 2023  
Disease Surveillance & Control Division Monthly Activity Report

12. 03/08/2023: Presented on "Sexualities and 60+" for the Wise Women Group at The Center; ~10 people in attendance; 1 ODS Health Educator attendee.
13. 03/09/2023: Co-presented with Jen Howell and Senator Dallas Harris on behalf of SB 172 for the Senate Judiciary Committee at Grant Sawyer Building; ~30 people in attendance; 1 ODS Health Educator attendee.
14. 03/09/2023: Latinx Steering Committee meeting attended by ODS Health Educator as a representative; 18 people in attendance from multiple agencies; 2 SNHD ODS staff attendee.
15. 03/09/2023: Facilitated Congenital Syphilis training for Women's Services Division at Henderson Hospital; 5 people in attendance; 1 ODS Health Educator attendee.
16. 03/13/2023: "Health Equity 101" training attended by ODS Health Educator; ~20 people in attendance; 17 SNHD ODS staff attendees.
17. 03/13/2023: Overdose Data to Action (ODTA) 2.0 Local National Information Call facilitated by the CDC; ~200 people in attendance; 2 ODS Health Educator attendees.
18. 03/13/2023: "2023 Biomedical HIV Prevention Summit Planning" facilitated by Nevada Department of Health and Human Services (NVDHHS), Office of HIV; 20 people in attendance; 5 ODS Staff attendees.
19. 03/13/2023: Facilitated Naloxone Training - Rural Court Administrators; 26 people in attendance; 1 ODS Health Educator attendee.
20. 03/14/2023: Co-presented to Nevada Health Centers at All Provider meeting on SNHD Harm Reduction programs; ~80 people in attendance; 2 ODS Health Educator attendees.
21. 03/14/2023: Nevada Partners Harm Reduction Program Pitch facilitated by ODS Health Educators; ~25 people in attendance; 2 ODS Health Educator attendees.
22. 03/14/2023: Beyond Stock Images Training facilitated by ODS Health Educator; 9 people in attendance; 2 ODS Health Educator attendees.
23. 03/15/2023: Presented "Autumn Update" (11/19-11/20/22) as well as presented on information presented at the "Prescription for Protection" Event held at the Center on 02/09/23 for the ODS Staff Meeting; 50 people in attendance; 2 Health Educators presented.
24. 03/20/2023: Evaluation of Practice Webinar of Public Health Vending Machines; 50 people in attendance; 1 ODS Health Educator attendee.
25. 03/20/2023: Facilitated Naloxone Training - Nye County Community Partners; 21 people in attendance; 1 ODS Health Educator attendee.
26. 03/21/2023: Co-facilitated Public Health Vending with Naloxone Training - SNHD Decatur; 16 people in attendance; 2 ODS Health Educator attendees.
27. 03/21/2023: Fentanyl Test Strip Training facilitated by ODS Health Educator; 6 people in attendance; 1 ODS Health Educator attendee.
28. 03/21/2023 - 03/23/2023: OT21-2103 Spring Symposium: Capacity and Collaboration to Reduce COVID 19; ~200 people in attendance; 4 ODS Staff attendees



Southern Nevada District Board of Health April 27, 2023  
Disease Surveillance & Control Division Monthly Activity Report

29. 03/21/2023: Attended Congenital Syphilis Review Board (CSRB) Steering Committee meeting as representative; 10 people in attendance; 4 ODS Staff attendees.
30. 03/22/2023: Co-facilitated Public Health Vending with Naloxone Training - SNHD Fremont; 12 people in attendance 2 ODS Health Educator attendees.
31. 03/27/2023: Facilitated Naloxone Training - Sober Testing Services; 8 people in attendance; 1 ODS Health Educator attendee.
32. 03/28/2023: "SafeTALK Suicide Prevention" training facilitated by ODS Health Educator Staff; 19 people in attendance; 8 SNHD ODS staff attendees.
33. 03/28/2023: Southern Nevada Misuse and Overdose Prevention Summit (SNSMOPS) Planning Meeting facilitated by ODS Health Educator; 9 people in attendance; 1 ODS Health Educator attendee.
34. 03/28/2023: Co-facilitated Public Health Vending with Naloxone Training - SNHD Decatur; 7 people in attendance; 2 ODS Health Educator attendees.
35. 3/28/2023: Attended and presented a two-day FBI/CDC Joint Crim-Epi Course; approximately 100 in attendance, 15 DSC staff attendees (2 staff presented).
36. 03/29/2023: Facilitated Naloxone Training - Southern Desert Correctional Facility; 50 people in attendance; 1 ODS Health Educator attendee.
37. 03/29/2023: 2023 Southern Nevada County Health Rankings Presentation facilitated and presented by 2 ODS Health Educators; 50 people in attendance; 15 SNHD ODS Staff attendees.
38. 03/31/2023: Secondary Trauma & Burnout training attended by ODS Health Educator Staff; ~60 people in attendance from multiple agencies; 1 SNHD ODS staff attendee.

**D. Other**

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

**MONTHLY REPORT – March 2023**

**OFFICE OF PUBLIC HEALTH INFORMATICS (OPHI)**

- A. Trisano
  - i. Continue to maintain and enhance Disease Surveillance System.
  - ii. Ongoing user account support, access issues, and data corrections.
  - iii. MMG Template validated.
- B. Electronic Message Staging Area (EMSA)
  - i. Maintain and enhance systems and provide support to staff.
  - ii. Onboarded 1 new provider.
- C. Southern Nevada Public Health Laboratory (SNPHL)

Southern Nevada District Board of Health April 27, 2023  
Disease Surveillance & Control Division Monthly Activity Report

- i. Continue to work on the Laboratory Information Management System (LIMS) to interoperate with other internal and external systems, with continuous interface upkeep, security updates, and server maintenance.
  - ii. Continue National Respiratory and Enteric Virus Surveillance System (NREVSS) support. Completed PHLIP feed additional assays validation procedure. CDC is validating data.
  - iii. Continue working on Laboratory Response Network- Biological Agents (LRN-B) interface and automated delivery feed.
  - iv. Continue SNPHL data warehouse cleanup and maintenance.
  - v. 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.
  - vi. Completed Steinberg Diagnostics (SDMI) Feed facilities consolidation and mapping.
  - vii. Purchase and install of software for micro and virology.
  - viii. AETNA/Molina insurance setup and reporting.
- 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. Planning and Preparations to submit the Family Planning Annual Report (FPAR) have begun.
  - iii. Continue data transfer to Wellpartner on prescription notification from eClinicalWorks (eCW).
  - iv. Completed FPAR 2.0 package install.
  - v. Steinberg Diagnostics feed redirect with eCW.
- E. Clark County Coroner's Office (CCCO)**
- i. Continue to provide support to CCCO on new CME implementation, testing, data requests, and reports.
  - ii. Internal data requests: Infant co-sleeping deaths and cold homicide case search.
  - iii. Repairs of numerous issues with Cognos reporting software.
- F. COVID19 Support**
- i. Maintain COVID interface between instruments, COVID POD app and Orchard, to include COVID testing and reporting as needed. Added Ordering Provider to the interface.
  - ii. Provide support by automating COVID19 hospitalization notifications, demographic extracts, lab tests and treatment information from HIE CCDs for public health surveillance. Completed HIE SFTP setup for CCDA.
  - iii. Maintain and update COVID19 dashboard to include COVID19 reinfections, COVID19 maps, lab testing, ED admission trend analysis and other urgent data requests.

Southern Nevada District Board of Health April 27, 2023  
Disease Surveillance & Control Division Monthly Activity Report

- iv. Maintain and enhance COVID19 lab results portal. Completed eCW Lab Notifications Cleanup for COVID labs.
  - v. Attend bi-weekly meetings with UNLV for COVID19 race/ethnicity data geocoding and geospatial analysis.
  - vi. Attend bi-weekly meetings with NV HIE for improving COVID19 race/ethnicity data collection and reporting.
- G. EpiTrax and Data Warehouse**
- i. Continue to work with Epi and Surveillance teams to test applications and systems.
    - 1. Trisano data migration is validated through Disease Surveillance workflows.
  - ii. Deployment of merged consortium branch and master SNHD branch.
  - iii. Continue working on issues that were reported through End User Validation.
  - iv. Completed SSL certificate configuration for EpiTrax (db01.cchd.org) and EMSA (emsa-db.cchd.org) database servers.
  - v. Pentaho report updates being completed.
  - vi. Completed EpiTrax PDF Generation.
  - vii. Completed NMI application configuration.
  - viii. Working on Airflow scripts and scheduling.
  - ix. EpiTrax Production Implementation Plan completed. Continue EpiTrax implementation and weekly meetings.
- H. API Server**
- i. Continue new API server testing for internal processes and 3<sup>rd</sup> party app.
- I. Data Modernization Initiative (DMI)**
- i. Continue to work with state on DMI project.
  - ii. eCR onboarding and RCKMS training.
- J. Electronic Surveillance System for the Early Notification of Community-Based Epidemics (ESSENCE)**
- i. Continue to enhance syndromic system for new providers and future support.
  - ii. Completed testing with UHS. Preparing for UHS switch from HealthSentry to Public Health Surveillance platform.
  - iii. Completed reprocessing of messages.
- K. Grant Updates**
- i. SDY/SUID grant Pre-award meeting Collaboration on new grant opportunity between SNHD and CCCOME. Grant application in process.
  - ii. Completed Hepatitis Grant Application (SNPHL and Clinic Service).
  - iii. Submitted UNLV contract amendment.
  - iv. Submitted ELC grant Monthly Reports.

## L. Reports

- i. The following FQHC/Clinical reports were completed and submitted:
  - FOCUS reports
  - Immunization Clinic monthly report
  - CQM report
  - NEON referral report, Provider Productivity report, Brothel Testing report and Trichomonas report for SHC
  - HRSA Immunization COVID report
  - 6 ASEC reports and analysis
  - QHC Productivity report
  - RW reports for RWCAP\_23 Progress Report, RSR, and HIV Quality Measures Data Report
  - RSR Report for RW
  - Monthly Immunization COVID report
  - TB Skype DOT report
  - 5 reports for Family Planning
  - RSR Report validation and submission
  - Semi-Annual EHE report for CDC submission
  - EHE Report for University of Washington
  - Reports for FQHC: BOH, Jan and Feb reports, Patient Appointment Notification, HIV Prevention and Test reports for PrEP, PEP, ICD-10 and CPT.
  - HCV rest report with specific patient age
  - LabCorp and Quest Lab report
  - SNCHC Appointment report for IT
  - Remote home visit report for Community Health Department
  - COVID-MPOX Popup Report for Disease Surveillance
  - Relocation report in CAREWare
  - 12 OCDPHP Quarterly Reports
  - Customized finance report
- ii. Coroner's Office reports:
  - Jumping suicide report
  - Q4 2022 Trauma reports
  - 2022 EOY MVA report for DPS
  - Undetermined Homicide cases
  - Opioid deaths
  - Fentanyl deaths by age group and cases where cause of death was never determined
  - Homeless deaths
  - Child death breakdown by demographic
- iii. Other report updates:
  - Working on Sunrise ELR reporting issue
  - Daily, weekly, and monthly SNPHL reports and upkeep

## M. Training

- i. Staff attended and/or completed the following trainings, conferences, presentations, and webinars:
  - CSTE DMI Summit in Atlanta
  - eClinicalWorks UDS + Software and Services Webinar
  - Policy Hub acknowledgements
  - QIAGEN's Public Health Lab Bioinformatics Summit (online)
  - Attended SNHD All Hands Meeting

## N. Other Projects

- i. Continue to maintain and enhance iCircle web application for OEDS. User account support, site maintenance and data corrections and updates.
- ii. Completed automated creation of 600+ campaigns, upload of contacts and specific message generation per campaign for the Alchemer Email Survey.
- iii. Continue working on the Yale project with Epi office for case conferencing.

- iv. UNLV Base model project, kickoff meeting.
- v. UNLV Wastewater training planning.
- vi. Informatics Service Requests completed.
- vii. Assist Epidemiology and Surveillance programs, Office of EMS/Trauma System, Environmental Health, and Clinic Services with various data requests, data exports, and report generation.
- viii. Support online sign-up application for Syringe Vending (harm reduction) for Trac-b.
- ix. Working on Women's Health Associates of Southern Nevada (WHASN) ELR implementation.
- x. Staff completed Organizational Vital Signs survey.
- xi. Completed the Outbreak Investigation protocol update.
- xii. Working with State to identify and resolve immunization issues.
- xiii. Completed the AMPH John Hopkins code modeling training plan, RSV Case and Morbidity data.



February 2023: Clark County Disease Statistics\*

Disease	2021		2022		2023	
	February	YTD	February	YTD	February	YTD
<b>VACCINE PREVENTABLE</b>						
Haemophilus influenzae, invasive	0	1	0	2	6	12
Hepatitis A	0	1	0	1	0	0
Hepatitis B, acute	0	3	5	7	2	2
Hepatitis B, chronic	36	73	62	121	48	94
Influenza	3	15	24	40	20	73
Pertussis	0	0	6	11	2	3
<b>SEXUALLY TRANSMITTED</b>						
Chlamydia	1069	2092	982	1905	905	1950
Gonorrhea	655	1254	502	1003	446	916
HIV	38	62	30	68	25	63
Stage 3 HIV (AIDS)	9	23	13	22	9	29
Syphilis (Early non-primary, non-secondary)	48	107	52	100	44	104
Syphilis (Primary & Secondary)	66	124	53	107	50	100
<b>CONGENITAL CONDITIONS</b>						
Hepatitis C, Perinatal Infection	0	1	0	0	0	0
Congenital Syphilis	0	5	5	10	5	16
<b>ENTERICS</b>						
Campylobacteriosis	12	15	5	11	10	26
Cryptosporidiosis	2	4	0	1	1	2
Giardiasis	3	7	4	11	3	6
Rotavirus	1	1	15	17	3	5
Salmonellosis	13	26	18	24	13	26
Shiga toxin-producing <i>E. coli</i> (STEC)	2	4	7	15	1	6
Shigellosis	6	8	1	5	3	6
Yersiniosis	0	0	1	1	0	0
<b>OTHER</b>						
Coccidioidomycosis	13	28	12	24	2	15
Exposure, Chemical or Biological	0	1	0	0	0	1
Hepatitis C, acute	0	0	1	2	1	1
Hepatitis C, chronic	264	556	259	481	206	409
Invasive Pneumococcal Disease	13	24	8	43	25	54
Lead Poisoning	7	22	8	23	9	20
Legionellosis	1	2	2	6	2	3
Listeriosis	0	0	0	1	0	0
Lyme Disease	0	1	0	0	0	0
Malaria	0	0	0	1	0	1
Meningitis, Aseptic	7	10	1	2	1	2
Meningitis, Bacterial Other	0	0	0	1	0	0
RSV	2	6	127	511	129	534
Rabies, exposure to a rabies susceptible animal	18	43	23	56	29	58
Streptococcal Toxic Shock Syndrome (STSS)	3	5	1	2	7	12
Tuberculosis (Active)	6	9	5	9	3	4

\*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.