



Memorandum

Date: June 7, 2023

To: Southern Nevada District Board of Health

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

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

	May 2022	May 2023		YTD 22	YTD 23	
Sexually Transmitted						
Chlamydia	1085	955	↓	5221	5249	↑
Gonorrhea	483	423	↓	2656	2393	↓
Primary Syphilis	22	6	↓	100	82	↓
Secondary Syphilis	35	11	↓	168	121	↓
Early Non-Primary, Non-Secondary ¹	55	16	↓	253	219	↓
Syphilis Unknown Duration or Late ²	132	49	↓	592	525	↓
Congenital Syphilis (presumptive)	3	3	→	23	31	↑
Moms and Babies Surveillance						
HIV Pregnant Cases	2	2	→	17	10	↓
Syphilis Pregnant Cases	20	24	↑	99	119	↑
Perinatally Exposed to HIV	0	0	→	3	8	↑
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						
	April 2022	April 2023		YTD 22	YTD 23	
Vaccine Preventable						
Haemophilus influenzae, invasive disease	2	3	↑	7	18	↑
Hepatitis A	0	1	↑	3	1	↓
Hepatitis B, acute	3	1	↓	13	5	↓
Influenza	97	16	↓	411	113	↓
Pertussis	7	1	↓	37	6	↓

	May 2022	May 2023		YTD 22	YTD 23	
Enteric Illness						
Campylobacteriosis	11	7	↓	34	69	↑
Cryptosporidiosis	3	0	↓	8	3	↓
Giardiasis	2	1	↓	16	19	↑
Rotavirus	25	24	↓	107	38	↓
Salmonellosis	15	6	↓	67	64	↓
Shiga toxin-producing Escherichia coli (STEC)	6	3	↓	40	14	↓
Shigellosis	3	6	↑	17	26	↑
Other						
Coccidioidomycosis	16	0	↓	56	91	↑
Hepatitis C, acute	0	0	→	2	1	↓
Invasive Pneumococcal Disease	16	10	↓	89	117	↑
Lead Poisoning	9	12	↑	59	59	→
Legionellosis	5	0	↓	12	13	↑
Meningitis, aseptic	0	1	↑	5	3	↓
Meningitis, Bacterial Other	0	0	→	2	0	↓
Streptococcal Toxic Shock Syndrome (STSS)	0	1	↑	3	13	↑
New Active TB Cases Counted (<15 yo)	0*	0*	→	1*	2*	↑
New Active TB Cases Counted (>= 15 yo)	5*	9*	↑	20*	35*	↑

*ODS has transitioned to a new surveillance system and is currently working on updating reports to align with reporting requirements. Sections with asterisks are either preliminary data or unable to report at this time.

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	22	0	28	0
Gonorrhea	19	0	18	0
Syphilis	44	1	180	2
HIV/AIDS (New to Care/Returning to Care)	67	2	90	0
Tuberculosis	35	0	9	0
TOTAL	187	3	325	2

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 CT Staffing and Activities

a. Contact Tracers (CTs) – SNHD

- i. SNHD staff, Current Total: 28
 1. Lead CTs – 5
 2. Contact Tracers; investigators and outreach – 23
 - 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. **Influenza:** The 2022-2023 influenza season surveillance in Clark County, Nevada started on October 2, 2022, and ended on May 20, 2023. 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 5/20/2023, for the 2022 - 2023 influenza season, 873 influenza-associated hospitalizations and 50 deaths associated with influenza were reported. Influenza A has been the dominant type circulating. This is an ongoing surveillance, but the distribution of weekly influenza report has stopped as of May 20, 2023.
 - b. **2019 Novel Coronavirus (COVID-19):** As of May 29, 2023, Clark County had 605,163 cases; 9,405 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 May 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 notification of gastrointestinal illnesses of unknown etiology at a daycare institution. At initial report, 14 children and 3 staff members were ill, with 7 children and 1 employee having been sent home that day. Symptoms reported included fever, abdominal pain, vomiting, and diarrhea. DSC initiated an outbreak investigation and conducted a site visit at the facility. SNHD received one positive lab result from a student that tested positive for sapovirus. This investigation is complete.
- e. ***Acute Gastroenteritis Investigation – Wedding Event:*** DSC received notification of gastrointestinal illnesses of unknown etiology at a private wedding event held at a local reception hall. Preliminary information stated that of the 107 attendees, approximately 34 persons complained of profuse vomiting and/or diarrhea. At latest update, 51 persons reported illness, with some also reporting fever, chills, and stomach pain. DSC initiated an outbreak investigation and conducted a site visit at the facility. No causative agent was identified. This investigation is complete.
- f. ***Acute Gastroenteritis Investigation – Elementary School:*** DSC received notification of gastrointestinal illnesses of unknown etiology at an elementary school. School staff reported that 14 students were absent from school with gastrointestinal symptoms, namely vomiting and diarrhea, and 1 student was sent home after an emetic event. All students were from the same classroom. DSC initiated an outbreak investigation and conducted a site visit at the facility, as well as soliciting specimens from affected children. Three samples were obtained, two of which tested positive for norovirus. This investigation is complete.
- g. ***Acute Gastroenteritis Investigation – Elementary School:*** DSC received notification of gastrointestinal illnesses of unknown etiology at an elementary school. School staff reported that 5 children in a single classroom had called out sick with similar gastrointestinal issues; two children had emetic events in the classroom and were sent home; overnight two more children called out sick, and the following day one child was sent home with vomiting and diarrhea. DSC initiated an outbreak investigation and solicited specimens from affected children; two samples were obtained, one of which has come back positive for norovirus. This investigation is complete.
- h. ***Fungal meningitis:*** SNHD was notified by the CDC that two individuals may have been exposed during a medical procedure done outside of the US. One individual is asymptomatic, and it was determined the other individual does not reside in Clark County. Health Alert Notices with screening and monitoring guidance have been sent to Clark County hospitals, infectious disease specialists, and general providers.

5. Non-communicable Reports and Updates

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

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

5/3/2023: PACT Coalition (7 trained, 34 doses distributed)

5/3/2023: HUNTRIDGE (40 doses distributed)

5/3/2023: SNHD DIIS (4 doses distributed)

5/3/2023: SNHD CFAR (18 doses distributed)

5/3/2023: The Center (40 doses distributed)

5/10/2023 SNHD L2A - (40 doses distributed)

5/10/2023 Boulder City Police Department (20 doses distributed)

5/10/2023 SNHD STAFF TRAINING (21 trained, 32 doses distributed)

5/15/2023 Fremont Street Experience Security (8 trained)

5/16/2023 Happy Camper Overdose Response (1 trained)

5/17/2023 Fremont Street Experience Security (15 trained)

5/17/2023 SNHD - L2A (32 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 May:

05/04/2023 SNHD Linkage to Action Team (100 Strips)

05/04/2023 SNHD Linkage to Action Team (200 Strips)

05/08/2023 SNHD ODS Health Education (100 Strips)

05/11/2023 Comprehensive Treatment Center (300 Strips)

05/15/2023 Signs of Hope (400 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 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. 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. This month we participated in the 2nd Annual West Las Vegas Community Health Fair. We were able to provide onsite rapid HIV testing, syphilis testing, safer sex kits, onsite pre- and post- exposure prophylaxis education and navigation, and incentives for those who tested. Incentives were donated by the Las Vegas Alumnae Chapter of Delta Sigma Theta Sorority, and we are so grateful for their continued support of our community outreach events. The West Las Vegas Library is located in the heart of the historic 89106 zip code. The “Westside” is a predominantly Black neighborhood in Las Vegas. As we strive to increase awareness, testing, and partnerships in the Black population, our collaboration and presence at events in underserved communities like these is key to gaining community trust and to help destigmatize HIV/STI testing which is vital to ending the HIV epidemic.

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

- b. ODS continues to offer outreaches on the MTU targeting MSM at Oddfellows Bar. In addition, ODS has been offering outreach services to certain 7-11 and Walgreens locations throughout the valley targeting zip codes with high reporting of HIV morbidity. At these sites, HIV rapid and syphilis testing are offered along with information on PrEP/PEP, condoms, and resources for additional services.

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	May -22	May -23		YTD 22	YTD 23	
Outreach/Targeted Testing	895	511*	↓	4325	4571*	↑
Clinic Screening (SHC/FPC/TB)	161	1*	↓	1273	1217*	↓
Outreach Screening (Jails, SAPTA)	143	0	↓	374	636	↑
Collect2 Protect	32	0	↓	121	53	↓
TOTAL	1231	512*	↓	6093	6477*	↑
Outreach/Targeted Testing POSITIVE	2	*		21	*	
Clinic Screening (SHC/FPC/TB) POSITIVE	0	*		4	*	
Outreach Screening (Jails, SAPTA) POSITIVE	0	*		1	*	
Collect2 Protect POSITIVE	0	*		0	*	
TOTAL POSITIVES	2	*		26	*	

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C. Staff Facilitated/Attended the following Trainings/Presentations

1. 05/01/2023: 6th Annual Southern Nevada Summit on Children's Mental Health attended by ODS Health Educator as a representative; 80 people in attendance from multiple agencies; 1 SNHD ODS staff attendee.
2. 05/01/2023: "Making Every Door the Right Door" Training facilitated by ODS Health Educator; 18 people in attendance; 1 ODS Health Educator attendee.
3. 05/01/2023 – 05/05/2023: Attended National Overdose Response Strategy conference in Pittsburgh, PA; ~1000 people in attendance from multiple agencies; 2 SNHD ODS Staff attendees.
4. 05/02/2023: "Mental Health First Aid for Youth" facilitated by ODS Health Educator Staff; 10 people in attendance; 3 SNHD ODS staff attendees.
5. 05/02/2023: Presented Community Health Needs Assessment (CHNA) Hospital Proposal at the Facilities Advisory Board Meeting; 25 people in attendance; 1 ODS Health Educator presented.
6. 05/02/2023: Public Health Practice Final Presentations Judge Panelist for UNLV School of Public Health; 15 people in attendance; 1 ODS Health Educator judge.
7. 05/03/2023: "Wastewater Surveillance Workshop" attended by ~50 people; 20 ODS staff attendees.
8. 05/04/2023: Nevada SHSP Safer Roads Quarterly Meeting attended by 2 ODS Health Educator as a representative; ~45 people in attendance from multiple agencies; 2 SNHD ODS staff attendees.
9. 05/04/2023: Completed Health Communications Training from Nevada Public Health Institute; 1 ODS Health Educator completed.
10. 05/04/2023: Attended the University of Washington PTC SNHD Site Visit - Presented on "NRS/Legislation"; 8 people in attendance; 1 ODS Health Educator attendee.
11. 05/05/2023: 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.
12. 05/08/2023: Facilitated meeting with representative from Governor's Office to discuss Community Health Improvement Plan – Funding; 2 people in attendance; 1 ODS Health Educator attendee.
13. 05/08/2023: CCSD Children's Mental Health Awareness Fair attended by ODS Health Educator as a representative; ~150 people in attendance including students, parents, siblings, and school staff; 1 SNHD ODS staff attendee.
14. 05/08/2023: Harm Reduction 201 training facilitated ODS Health Educator; 14 people in attendance; 2 ODS Health Educator attendees.
15. 05/08/2023: Attended the Annual SNHD ICS Training; 20 people in attendance; 1 ODS Health Educator attendee.
16. 05/09/2023: Tabled at City of Henderson Fentanyl Awareness Day; ~150 people in attendance; 8 SNHD ODS Staff attendees.
17. 05/09/2023: Attended the Medicine Residency Program Evaluation Committee; 5 people in attendance; 1 ODS Health Educator attendee.

18. 05/09/2023: Fentanyl Awareness Summit hosted by City of Henderson; ~100 people in attendance; 2 ODS Health Educator attendees.
19. 05/09/2023: "Motivational Interviewing Training" facilitated by ODS Health Educator Staff; 6 people in attendance; 1 SNHD ODS staff attendees.
20. 05/09/2023: Meeting with representative from "For the People" non-profit organization to discuss Community Health Improvement Plan – Access to Care; 2 people in attendance; 1 ODS Health Educator attendee.
21. 05/10/2023: Congenital Syphilis Provider visits; 8 people in attendance; 4 SNHD ODS Staff attendees.
22. 05/10/2023: Co-facilitated Public Health Vending with Naloxone Training - SNHD Decatur; 22 people in attendance from ODS.
23. 05/10/2023: Attended "Toxic stress and high-risk behaviors" training; 2 people in attendance; 1 ODS Health Educator attendee.
24. 05/11/2023: Spring 2023 STI Update for Primary Care Providers facilitated by SNHD and Pacific AETC – Facilitated four "Condoms!" breakout sessions to ~60 participants; 200 people in attendance.
25. 05/11/2023: Q2 Southern Nevada Opioid Advisory Committee (SNOAC) General Meeting facilitated by PACT and SNHD; ~60 people in attendance; 3 ODS Health Educator attendees.
26. 05/15/2023: "Advocacy and Policy Committee Call" facilitated by the Nevada Public Health Association; 20 people in attendance; 2 SNHD ODS Health Educator attendees.
27. 05/15/2023 - 05/18/2023: Attended STD Engage in New Orleans and presented on a panel of 8 participants "Policy Academy Case Studies and Lessons Learned: Big P or Little P"; 20 attendees.
28. 05/15/2023: Chaired SURG Prevention Subcommittee Meeting; 30 people in attendance; 1 ODS Staff attendee.
29. 05/16/2023: Chaired National Public Health Vending Machine PHVM Collaborative; 50 people in attendance; 2 ODS Health Educator attendees.
30. 05/17/2023: Facilitated meeting with Kane County in Illinois to discuss Community Health Needs Assessment Hospital Proposal; 2 people in attendance; 1 ODS Health Educator attendee.
31. 05/22/2023 – 05/25/23: "Pacific Southwest PTTC Prevention Academy 2023 attended by ODS Health Educator Staff; ~500 people in attendance; 1 SNHD ODS staff attendee.
32. 05/23/2023: Attended the Institutional Review Committee meeting; 10 SNHD Employee attendees; 1 ODS Health Educator attendee.
33. 05/23/2023: Facilitated Health District after Dark Popular Culture and Mental Health; 50 people in attendance online and in-person; 4 ODS Health Educator attendees.
34. 05/23/2023: Facilitated Naloxone Training - Sahara Hotel and Casino; 40 people in attendance; 1 ODS Health Educator attendee.
35. 05/23/2023: Facilitated Naloxone Training - Landmark Recovery; 20 people in attendance; 1 ODS Health Educator attendee.
36. 05/24/2023: Co-facilitated "Social Determinants of Health and HIV" at SNHD with Dr. Jennifer Bennett of Nevada AETC; 28 participants; 4 ODS Health Educator attendees.
37. 05/25/2023: Presented for the Center's Advocacy Network on HIV and STIs; 15 people in attendance; 1 ODS Health Educator attendee.
38. 05/25/2023: Sexual Violence 101 Training facilitated by Signs of Hope; 9 people in attendance; 1 ODS Health Educator attendee.

39. 05/30/2023: Fentanyl Test Strip (FTS) Train the Trainer facilitated by ODS Health Educator; ~15 people in attendance; 1 ODS Health Educator attendee.
40. 05/30/2023: Making Every Door the Right Door and Narcan training facilitated by ODS Health Educator; ~15 people in attendance; 1 ODS Health Educator attendee.
41. 05/31/2023: ODTA Funded Partners Meeting facilitated by ODS Health Educator; ~30 people in attendance; 4 ODS Health Educator attendees.
42. 05/31/2023: Met with Southern Nevada HPPG Condom Distribution committee to discuss development of policies and procedures for Medicaid/Insurance and condom access for the state; ~20 people in attendance; 1 ODS Health Educator attendee.

D. Other

1. Communicable Disease Statistics: April 2023 and Quarter 1 2023 disease statistics are attached (see Table 1).
2. Tamera Travis, Epidemiologist, received the Global Health Corps' U.S. Fellowship. The GHC Fellowship in the U.S. identifies diverse, high-potential, emerging public health leaders and provides them with the leadership training, coaching, network, and resources to excel in their careers and advance health equity.

MONTHLY REPORT – May 2023

OFFICE OF PUBLIC HEALTH INFORMATICS (OPHI)

A. EpiTrax and Data Warehouse

- i. Work with Epi and Surveillance teams to monitor system and applications, and investigate, review, troubleshoot, and resolve issues. 113 issues fixed.
- ii. Continue to update and enhance Data Warehouse. Completed read-only access for certain users, age-group update for events tables, lab result values classification and STD Schema disease filtering.
- iii. Continue working on Pentaho report updates. Completed updates for BOH reports.
- iv. Continue migrating scheduled tasks to Airflow server.
- v. Completed account configuration, forms configuration and deleted permission sets.
- vi. Added eCW data export process to data warehouse.
- vii. Perform daily task/issue review with Informatics team, and weekly review with Epi and Surveillance teams.
- viii. Continue working on migrating internal processes from Trisano to EpiTrax.

B. Electronic Message Staging Area (EMSA)

- i. Maintain and enhance systems and provide support to staff.
- ii. Completed user account access for EMSA2
- iii. Continue to work on EMSA2: mapping new codes, incoming labs, data processing and review logic for exceptions and errors.
- iv. Onboarded 8 new provider.

C. Southern Nevada Public Health Laboratory (SNPHL)

- i. Continue to work on the Laboratory Information Management System (LIMS) to interoperate with other internal and external systems. Continuous interface upkeep, security updates, and server maintenance.
- ii. Continue National Respiratory and Enteric Virus Surveillance System (NREVSS) support.
- iii. Continue working on Laboratory Response Network- Biological Agents (LRN-B) interface and automated delivery feed. Codes added and tested order choice rules and split rules. Creating test messages according to CDC guidelines.
- 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. Updated SNPHL lab export process to manage new data point.
- vii. 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.

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. Preparation for configuration and other changes needed for SHC merger into the FQHC.
- iii. Continue data transfer to Wellpartner on prescription notification from eClinicalWorks (eCW).
- iv. Testing eCW move to the Cloud.
- v. Pre/Post implementation checks with Azara.
- vi. eCW lab upload to CAREWare from SNHD

E. Clark County Coroner's Office (CCCO)

- i. Continue to provide support to CCCO on new CME implementation, testing, data requests, and reports. Testing the customized system, assisting staff with configuration, and verifying details and changes with vendor.

F. COVID19 Support

- i. Maintain COVID interface between instruments, COVID POD app and Orchard, to include COVID testing and reporting as needed.
- ii. Provide support by automating COVID19 hospitalization notifications, demographic extracts, lab tests and treatment information from HIE CCDs for public health surveillance.
- iii. Maintain and update COVID19 dashboard to include COVID19 reinfections, COVID19 maps, lab testing, ED admission trend analysis and other urgent data requests.
- iv. Maintain and enhance COVID19 lab results portal.
- 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. Completed HIE trigger code set list for ICD10, mirth channel set up for CCDs, and demographic CCD parsing script.

G. API Server

- i. Continue new API server testing for internal processes and 3rd party app.
- ii. Pending data from vendors to develop API for OCR workflow project. Attending ongoing meetings.

- H. Data Modernization Initiative (DMI)
 - i. Continue to work with state on DMI project.
 - ii. eCR onboarding and RCKMS training.
- I. Electronic Surveillance System for the Early Notification of Community-Based Epidemics (ESSENCE)
 - i. Continue to maintain and enhance syndromic system for new providers and future support.
- J. Grant Updates
 - i. Continue collaboration on new SDY/SUID grant opportunity between SNHD and CCOCME. Initial proposal submitted by SNHD.
 - ii. Working on CDC NOFO Grant application.
 - iii. Continue working on EIP grant application. Completed EIP grant supporting letter.
 - iv. Completed ELC/EDX grant extension with response.
 - v. Completed ELC Q3 report
- K. Reports
 - i. The following FQHC/Clinical reports were completed and submitted:
 - 8 UDS monthly reports
 - UDS encounter reports
 - UDS Table 3A trend reports
 - CQM Report
 - Galleria mall for COVID-19 Outreach report
 - Insurance renewal - FY23 all visits report
 - Trichomonas reports in eCW
 - Tobacco screening report for FP
 - Focus report for first submission
 - Insurance report for all visits
 - SHC ASEC Zip Codes report
 - Bicillin-La Usage SHC report
 - SHC specific client Demographic info report
 - UCSD study Global Alert report
 - COVID & Back to School Vaccine Report
 - Focus report review and revision
 - ii. Coroner's Office reports:
 - 2022 EOY and 2023 YTD, under 18, deaths report
 - 2022 EOY in custody death report
 - iii. Other report updates:
 - Working on Sunrise ELR reporting issue
 - Daily, weekly, and monthly SNPDL reports and upkeep
 - Completed GISP/eGISP reporting
 - State NETSS weekly/YTD report
 - Completed new Pentaho HIV/AIDS linkage reports

L. Training

- i. Staff attended and/or completed the following trainings, conferences, presentations, and webinars:
 - Completed Policy Hub requirements.
 - Attended UNLV Wastewater Surveillance Workshop
 - Attended OD2A Community Partners Conference
 - Attended CFA Notice of Funding Opportunity Webinar
 - Attended AMPH Summary Presentation
 - eCR presentation for Big City Data Modernization

M. Other Projects

- i. Continue to maintain and enhance iCircle web application for OEDS. Continuous user account support, site maintenance, data corrections and updates.
- ii. Working on data export to EpiTrax.
- 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. Working with the State to identify and resolve immunization issues.
- xi. NvCLPPP Lead dashboard fixes completed.



April 2023: Clark County Disease Statistics*

Disease	2021		2022		2023	
	April	YTD	April	YTD	April	YTD
VACCINE PREVENTABLE						
Haemophilus influenzae, invasive	0	1	1	5	3	15
Hepatitis A	0	1	1	3	0	0
Hepatitis B, acute	2	5	1	10	2	4
Hepatitis B, chronic	51	177	60	244	109	285
Influenza	11	32	170	314	7	97
Pertussis	1	1	10	30	0	5
ENTERICS						
Amebiasis	0	1	0	0	0	1
Campylobacteriosis	13	39	6	23	17	62
Cryptosporidiosis	0	4	2	5	1	3
Giardiasis	2	14	1	14	4	18
Rotavirus	1	4	37	82	6	14
Salmonellosis	9	50	18	52	17	58
Shiga toxin-producing <i>E. coli</i> (STEC)	3	11	8	34	3	11
Shigellosis	6	19	8	14	5	20
Vibriosis (Non-cholera <i>Vibrio</i> species infection)	0	0	0	0	0	1
Yersiniosis	3	4	1	3	1	3
OTHER						
Coccidioidomycosis	14	56	8	40	20	91
Exposure, Chemical or Biological	0	1	0	1	0	1
Hepatitis C, acute	0	1	0	2	0	1
Hepatitis C, chronic	273	1,127	285	1,060	438	1,078
Invasive Pneumococcal Disease	11	46	16	73	23	107
Lead Poisoning	8	38	10	50	9	47
Legionellosis	1	6	1	7	4	13
Listeriosis	0	0	0	1	0	0
Lyme Disease	1	3	2	2	0	0
Malaria	0	0	1	2	0	2
Meningitis, Aseptic	1	14	2	5	0	2
Meningitis, Bacterial Other	2	5	0	2	0	0
Meningitis, Fungal	2	4	0	0	0	0
RSV	6	15	102	710	39	620
Rabies, exposure to a rabies susceptible animal	21	79	29	112	28	111
Streptococcal Toxic Shock Syndrome (STSS)	2	9	1	3	1	12
Tuberculosis (Active)	5	20	7	19	11	23

*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 1, 2023: Clark County Disease Statistics*

Disease	2021		2022		2023		Rate (Cases per 100,000 per quarter)		Quarter Rate Comparison
	Qtr 1	YTD	Qtr 1	YTD	Qtr 1	YTD	Qtr 1 (2018-2022 aggregated)	Qtr 1 (2023)	Change b/t current & past 5-year?
VACCINE PREVENTABLE									
Haemophilus influenzae, invasive	1	1	4	4	12	12	0.23	0.49	↑
Hepatitis A	1	1	2	2	0	0	0.34	.	↓
Hepatitis B, acute	3	3	9	9	2	2	0.17	.	↓
Hepatitis B, chronic	126	126	183	183	167	167	6.80	6.88	↑
Influenza	21	21	144	144	84	84	21.08	3.46	↓X
Mumps	0	0	0	0	1	1	.	.	↑
Pertussis	0	0	20	20	5	5	0.48	.	↓
SEXUALLY TRANSMITTED									
Chlamydia	3393	3393	3097	3097	3265	3265	144.46	134.54	↓X
Gonorrhea	1927	1927	1647	1647	1457	1457	63.75	60.04	↓
HIV	105	105	109	109	112	112	4.51	4.62	↑
Stage 3 HIV (AIDS)	40	40	37	37	36	36	1.47	1.48	↑
Syphilis (Primary & Secondary)	222	222	201	201	160	160	9.20	6.59	↓X
Syphilis (Early non-primary, non-secondary)	197	197	179	179	202	202	6.95	8.32	↑
CONGENITAL CONDITIONS									
Congenital Syphilis	16	16	39	39	46	46	0.89	1.90	↑X
Hepatitis C, Perinatal Infection	1	1	0	0	0	0	.	.	↓
ENTERICS									
Amebiasis	1	1	0	0	1	1	.	.	↓
Campylobacteriosis	26	26	17	17	43	43	1.00	1.77	↑X
Cryptosporidiosis	4	4	3	3	2	2	0.10	.	↓
Giardiasis	12	12	13	13	8	8	0.50	.	↓
Rotavirus	3	3	45	45	8	8	0.60	.	↓
Salmonellosis	41	41	34	34	40	40	1.28	1.65	↑
Shiga toxin-producing <i>E. coli</i> (STEC)	8	8	26	26	7	7	0.41	.	↓
Shigellosis	13	13	6	6	15	15	0.54	0.62	↑
Vibriosis (Non-cholera <i>Vibrio</i> species infection)	0	0	0	0	1	1	.	.	↑
Yersiniosis	1	1	2	2	2	2	.	.	↑
OTHER									
Coccidioidomycosis	42	42	32	32	55	55	1.66	2.27	↑
Encephalitis	0	0	2	2	0	0	.	.	↓
Exposure, Chemical or Biological	1	1	1	1	1	1	.	.	↓
Hepatitis C, acute	1	1	2	2	1	1	.	.	↓
Hepatitis C, chronic	855	855	774	774	641	641	43.27	26.41	↓X
Invasive Pneumococcal Disease	35	35	57	57	84	84	3.16	3.46	↑
Lead Poisoning	30	30	41	41	39	39	1.68	1.61	No Change
Legionellosis	5	5	6	6	7	7	0.25	.	↑
Listeriosis	0	0	1	1	0	0	.	.	↓
Lyme Disease	2	2	0	0	0	0	0.10	.	↓
Malaria	0	0	1	1	1	1	.	.	↑
Meningitis, Aseptic	13	13	3	3	2	2	0.49	.	↓
Meningitis, Bacterial Other	3	3	2	2	0	0	0.24	.	↓
Meningitis, Fungal	2	2	0	0	0	0	.	.	↓
RSV	9	9	608	608	579	579	45.94	23.86	↓X
Streptococcal Toxic Shock Syndrome (STSS)	7	7	2	2	14	14	0.35	0.58	↑
Tuberculosis, Active	15	15	12	12	11	11	0.47	.	↑

*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.'