



Memorandum

Date: May 8, 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 – April 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.

	April 2022	April 2023		YTD 22	YTD 23	
Sexually Transmitted						
Chlamydia	1089	974	↓	4139	4183	↑
Gonorrhea	578	493	↓	2174	1914	↓
Primary Syphilis	23	10	↓	78	70	↓
Secondary Syphilis	30	13	↓	133	97	↓
Early Non-Primary, Non-Secondary ¹	44	22	↓	198	182	↓
Syphilis Unknown Duration or Late ²	119	61	↓	460	401	↓
Congenital Syphilis (presumptive)	3	3	→	20	22	↑
Moms and Babies Surveillance						
HIV Pregnant Cases	5	0	↓	15	7	↓
Syphilis Pregnant Cases	22	20	↓	77	87	↑
Perinatally Exposed to HIV	0	3	↑	3	9	↑
¹ Early Non-Primary, Non-Secondary= CDC changed the case definition from Early Latent Syphilis to Early Non-Primary, Non-Secondary ² Syphilis Unknown Duration or Late=CDC changed the case definition from Late Latent Syphilis to Syphilis Unknown Duration or Late						
Vaccine Preventable						
Haemophilus influenzae, invasive disease	2	0	↓	4	12	↑

	April 2022	April 2023		YTD 22	YTD 23	
Hepatitis A	1	0	↓	2	0	↓
Hepatitis B, acute	2	0	↓	9	2	↓
Influenza	104	8	↓	144	82	↓
Pertussis	9	1	↓	20	4	↓
Enteric Illness						
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	↑
Other						
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)	0*	0*	→	3*	0*	↓
New Active TB Cases Counted (>= 15 yo)	6*	15*	↑	16*	27*	↑

*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	9	0	28	0
Gonorrhea	9	0	18	0
Syphilis	46	3	177	0
HIV/AIDS (New to Care/Returning to Care)	11	1	47	0
Tuberculosis	40	0	15	0
TOTAL	115	4	285	0

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) (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. 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. 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 4/22/2023, for the 2022 - 2023 influenza season, 860 influenza-associated hospitalizations and 50 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 April 24, 2023, Clark County had 603,693 cases; 9,366 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 April 30, 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.

- e. **Acute Gastroenteritis Investigation – Wedding Event:** DSC received notification of gastrointestinal illnesses of unknown etiology at a private wedding event held 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, 49 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 ongoing.

- 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; the third result has not been received. This investigation is ongoing.

- 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, the other is pending.

- h. ***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. Follow-up investigation and case finding activities were conducted. The online survey was closed on April 10, 2023. In total, DSC received 336 responses from the online survey, 283 of which were completed. Out of those 283, 116 possible cases were investigated. None were identified as confirmed Legionnaire's disease, 10 were classified as probable Legionnaire's disease and 22 were classified as probable Pontiac Fever. Finally, the last confirmed case associated with this outbreak reported a stay in January 2023. Remediation of the affected towers have also been completed and post remediation sampling all came back non detectable. This investigation is now closed.

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 April:

4/3/2023: Southern Desert Correctional Center (28 doses distributed)

4/3/2023: Resorts World (21 trained, 60 doses distributed)

4/3/2023: SNHD – L2A (32 doses distributed)

4/4/2023: Stratosphere/Arizona Charlie's/Golden Entertainment (80 doses distributed)

4/4/2023: Las Vegas Comprehensive Treatment Center (40 doses distributed)

4/4/2023: Edgewater Casino Laughlin (80 doses distributed)

4/5/2023: The Summit Summerlin (48 doses distributed)

4/5/2023: SNHD – Security Decatur (4 doses distributed)

4/6/2023: Grad Students – UNLV (1 trained, 8 doses distributed)
4/10/2023: SNHD L2A - April Shipment (100 doses distributed)
4/10/2023: Clark County Office of the Coroner/Medical Examiner (7 trained, 14 doses distributed)
4/10/2023: Resorts World (192 doses distributed)
4/11/2023: Community Ambulance (192 doses distributed)
4/12/2023: Department of Motor Vehicles (20 trained, 60 doses distributed)
4/18/2023: Desert Hope Treatment Center (17 trained, 40 doses distributed)
4/18/2023: Downtown Bar Managers/Staff (10 trained, 28 doses distributed)
4/20/2023: The Center - Clinic Staff (10 doses distributed)
4/20/2023: North Las Vegas Police Department (196 doses distributed)
4/24/2023: Red Rock Search and Rescue (70 trained, 144 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 April:

04/17/2023 Signs of Hope (300 Strips)
04/24/2023 SNHD Linkage to Action Team (200 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 Transgender HIV Testing Day on April 18th. To commemorate National Transgender Testing Day, the Southern Nevada Health District (SNHD) ODS participated with The Las Vegas TransPride Center to offer onsite rapid HIV testing, syphilis testing, safer sex kits, onsite pre- and post- exposure prophylaxis education and navigation, and incentives for those who tested. Las Vegas TransPride is located at 727 S 9th St Suite B in the heart of downtown. Nearly 1 million people identify as transgender in the United States (US), and transgender people made up 2% (671) of new HIV diagnoses in the US and dependent areas in 2019. In a CDC HIV surveillance study done in 7 cities between 2019-2020 of transgender women, it found 42% of the just over 1600 trans women interviewed were HIV positive. These events encourage testing and awareness so transgender and nonbinary persons can

learn their HIV status and begin to receive treatment if they are HIV-positive. We also had the great fortune to partner with UMC in their inaugural Spring Wellness event held at the Clark County Government Center. ODS and our MTU were onsite to offer rapid HIV testing, syphilis testing, safe sex kits, and educational materials. The event was an immense success with over 1200 attendees. Having a presence at general public events like this go a long way to destigmatizing HIV/STI testing which is key 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. 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 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	April -22	April -23		YTD 22	YTD 23	
Outreach/Targeted Testing	849	563*	↓	3430	3443*	↑
Clinic Screening (SHC/FPC/TB)	207	135*	↓	1110	1208*	↑
Outreach Screening (Jails, SAPTA)	86	282	↑	231	808	↑
Collect2 Protect	13	7	↓	89	55	↓
TOTAL	1155	987*	↓	4860	5514*	↑
Outreach/Targeted Testing POSITIVE	5	*		31	*	
Clinic Screening (SHC/FPC/TB) POSITIVE	0	*		4	*	
Outreach Screening (Jails, SAPTA) POSITIVE	0	*		1	*	
Collect2 Protect POSITIVE	0	*		0	*	
TOTAL POSITIVES	5	*		36	*	

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C. Staff Facilitated/Attended the following Trainings/Presentations

1. 04/03/2023: Signs of Hope Visit facilitated by ODS Health Educator; 10 people in attendance; 2 ODS Health Educator attendees.
2. 04/03/2023: "2023 Biomedical HIV Prevention Summit Planning" facilitated by Nevada Division of Human & Health Services (NVDHHS) Office of HIV; 20 people in attendance; 5 ODS staff attendees.
3. 04/04/2023: Zero Suicide Implementation Team monthly meeting facilitated by ODS Health Educator Staff; 9 people in attendance; 3 SNHD ODS staff attendees.
4. 04/04/2023: Facilitated Mock Interview for UNLV School of Public Health student final; 2 people in attendance; 1 ODS Health Educator facilitator.
5. 04/05/2023: "Mental Health First Aid for Youth" facilitated by ODS Health Educator Staff; 11 people in attendance; 9 SNHD ODS staff attendees.
6. 04/05/2023: UNLV School of Nursing (SON) Student Academic Detail (AD) debrief, facilitated by UNLV SON; 9 people in attendance; 1 ODS Health Educator attendee.
7. 04/05/2023: Facilitated Southern Nevada HIV Prevention and Planning Group (HPPG) meeting and presented the Community Health Improvement Plan (CHIP) update; ~30 people in attendance; 3 ODS Health Educator attendees.
8. 04/06/2023: Attended the Congenital Syphilis Review Board meeting on Case Review; 80 people in attendance; 10 ODS Staff attendees.
9. 04/07/2023: "Advocacy and Policy Committee Monthly Call" facilitated by the Nevada Public Health Association; 20 people in attendance; 2 ODS Health Educator attendees.

10. 04/07/2023: Clark County Children's Mental Health Consortium (CCCMHC) meeting attended by ODS Health Educator Staff as Vice-Chair; ~35 people in attendance from multiple agencies; 1 SNHD ODS staff attendee.
11. 04/10/2023 – 04/13/2023: Attended the Rx and Illicit Drug Summit in Atlanta, Georgia, ~3,000 people in attendance; 4 ODS Staff attendees.
12. 04/10/2023: Facilitated a discussion on “Syndemics” for the PACE Listening Session held at Huntridge Clinic; ~30 people in attendance; 2 SNHD ODS Health Educator attendees.
13. 04/10/2023: UNLV Student Mock Interview facilitated by ODS Health Educator; 2 people in attendance; 1 ODS Health Educator attendee.
14. 04/11/2023 - 04/12/2023: Attended the Biomedical HIV Prevention Summit at the Cosmopolitan Las Vegas; 1400 people in attendance; 2 ODS Health Educator attendees.
15. 04/12/2023: UNLV Student Mock Interview facilitated by ODS Health Educator; 2 people in attendance; 1 ODS Health Educator attendee.
16. 04/13/2023: *Looking After Our Mental Health in the Workforce* presentation facilitated by ODS Health Educator Staff; ~20 people in attendance; 1 SNHD ODS staff attendee.
17. 04/17/2023: Harm Reduction 101 training facilitated by ODS Health Educators; 21 people in attendance; 3 ODS Health Educator attendees.
18. 04/18/2023: Mental Health and Substance Use State Health Improvement Plan (SHIP) Subcommittee meeting attended by ODS Health Educator as a representative; ~20 people in attendance from multiple agencies; 2 SNHD ODS staff attendee.
19. 04/18/2023: Attended Public Health Vending Machine (PHVM) Round Table; 30 people in attendance; 2 ODS Health Educator attendees.
20. 04/19 – 04/20/2023: Public Health Emergency Law and Legal Epidemiology Workshop; attended by 6 Office of Informatics and Epidemiology (OIE) staff.
21. 04/19/2023 - 4/20/2023: Empower Change Rapid HIV Testing and Training hosted by SNHD and NDPBH; 15 people in attendance; 2 ODS Health Educator attendees.
22. 04/20/2023: Attended State Health Improvement Plan Access to Care Steering Committee meeting as SNHD Representative; 12 people in attendance; 1 ODS Health Educator attendee.
23. 04/20/2023: Intermountain West Harm Reduction Conference Planning Meeting facilitated by Intermountain West Conference Chair; 25 in attendance; 1 ODS Health Educator attendee.
24. 04/23/2023: “OT21-2103 COVID-19 Health Disparities Grant Recipient Regional Summit” facilitated by National Association of County and City Officials; 1 Informatician and 2 epidemiologists from ODS attended.
25. 04/23/2023: “National Association of County and City Officials Preparedness Summit”; 1 Informatician and 2 epidemiologists from ODS attended.
26. 04/24/2023-04/27/2023: “OT21-2103 COVID-19 Health Disparities Grant Recipient Regional Summit” facilitated by National Association of County and City Officials; 1 Informatician and 2 epidemiologists from ODS attended.

27. 04/25/2023: "HIV Stigma Training" facilitated by the Stigma Reduction Team at SNHD; 30 people in attendance; 1 ODS Health Educator attendee.
28. 04/25/2023: Public Health Vending Machine (PHVM) TA - Brandeis University; 2 people in attendance; 1 ODS Health Educator attendee.
29. 04/25/2023 - 04/27/2023: Presented and attended 2023 Arizona Integrated HIV/STI/Hep C Symposium in Mesa, Arizona "Howdy Neighbor: Southern Nevada Responses to HIV/STIs"; 25 people in attendance; 2 ODS Staff attendees.
30. 04/25/2023: SHIELD Training Discussion Meeting facilitated by SHIELD Training Lead; 10 people in attendance; 3 ODS Health Educator attendee.
31. 04/25/2023: Southern Nevada Substance Misuse Overdose Prevention Summit (SNSMOPS) Planning Committee Meeting Facilitated by ODS Health Educator; 11 people in attendance; 2 ODS Health Educator attendees.
32. 04/25/2023: Fentanyl Test Strip Training for Roseman University facilitated by ODS Health Educator; 13 people in attendance; 1 ODS Health Educator attendee.
33. 04/25/2023: Presented Community Health Improvement Plan Update to the Urban Chamber of Commerce Healthcare Roundtable; 30 people in attendance; 1 ODS Health Educator presented.
34. 04/25/2023 – 04/26/2023: Attended 2023 Health Equity Summit from Association of State and Territorial Health Officials (ASTHO); 300 people in attendance; 1 ODS Health Educator attendee.
35. 04/26/2023: Attended and presented the Community Health Improvement Plan (CHIP) report at the Monthly ODS April Staff Meeting; 40 people in attendance; 1 ODS Health Educator presented.
36. 04/26/2023: Nevada Minority Health and Equity Coalition's Zoom Meeting attended by ODS Health Educator Staff as a representative; ~10 people in attendance from multiple agencies; 1 SNHD ODS staff attendee.
37. 04/26/2023: Facilitated Naloxone Training – National Alliance of Mental Illness (NAMI); 8 people in attendance; 1 ODS Health Educator trainer.
38. 04/26/2023-04/28/23: Suicide Research Symposium attended by ODS Health Educator Staff; ~1700 people in attendance from multiple agencies across the US; 1 SNHD ODS staff attendee.
39. 04/27/2023: Clark County Children's Mental Health Consortium (CCCMHC) Public Awareness Workgroup meeting attended by ODS Health Educator Staff as a representative; ~10 people in attendance from multiple agencies; 1 SNHD ODS staff attendee.
40. 04/27/2023: Community Health Nurses suicide screening and SNHD procedure presentation facilitated by ODS Health Educator Staff as a representative; ~25 people in attendance from multiple agencies; 1 SNHD ODS staff attendee.
41. 04/28/2023: Co-facilitated Public Health Vending with Naloxone Training; 19 people in attendance; 2 ODS Health Educator trainers.

D. Other

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

MONTHLY REPORT – April 2023

OFFICE OF PUBLIC HEALTH INFORMATICS (OPHI)

- A. Trisano
 - i. Maintain and enhance Disease Surveillance System.
 - ii. User account support, access issues, data updates and corrections.
 - iii. Completed working on migrating internal processes from Trisano to EpiTrax.
 - iv. Converted Trisano into read-only reference archive after successful migration to EpiTrax.

- B. Electronic Message Staging Area (EMSA)
 - i. Maintain and enhance systems and provide support to staff.
 - ii. Continue to work on EMSA2: mapping new codes, incoming labs, data processing and review logic for exceptions and errors.
 - iii. Onboarded 1 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.
 - iv. Completed LRN procedure write-up.
 - v. Continue SNPHL data warehouse cleanup and maintenance.
 - vi. 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.

- 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. Family Planning Annual Report (FPAR) was submitted and accepted by the Office of Population Affairs (OPA)
 - iii. Continue data transfer to Wellpartner on prescription notification from eClinicalWorks (eCW).
 - iv. Steinberg Diagnostics feed redirect with eCW.
 - v. Completed eCW eHX interface with HIE.
 - 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.
 - ii. Completed research project on the correlation between heat conditions and amphetamine deaths. Data set generated and approved.

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. Completed COVID report automation.
- vi. Attend bi-weekly meetings with UNLV for COVID19 race/ethnicity data geocoding and geospatial analysis.
- vii. Attend bi-weekly meetings with NV HIE for improving COVID19 race/ethnicity data collection and reporting. Completed HIE trigger code set lists.
- viii. Completed COVID-19 After Action Review interview (IT, Informatics and Epi).
- ix. Completed COVID Resilience Ambassador transition.

G. EpiTrax and Data Warehouse

- i. Successfully Merged EpiTrax source code consortium branch and master SNHD branch.
- ii. EpiTrax production servers set up.
- iii. Completed EpiTrax data migration and documentation.
- iv. Completed EpiTrax production implementation on 04/17/2023.
- v. Work with Epi and Surveillance teams to monitor system and applications, and investigate, review, troubleshoot, and resolve issues.
- vi. Continue to update and enhance Data Warehouse. Completed eCW export.
- vii. Continue working on Pentaho report updates.
- viii. Continue migrating scheduled tasks to Airflow server.
- ix. Perform daily task review with Informatics team, and weekly review with Epi and Surveillance teams.

H. 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.

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. Preparing for UHS switch from HealthSentry to Public Health Surveillance platform.

K. Grant Updates

- i. Continue collaboration on new SDY/SUID grant opportunity between SNHD and CCOCME. Initial proposal submitted by SNHD.
- ii. Submitted ELC grant progress report for Quarter 3.
- iii. Completed Health Disparity grant redirect
- iv. Completed PHEP Q10 report

L. Reports

- i. The following FQHC/Clinical reports were completed and submitted:
 - SHC 7-month report for FQHC
 - 3 FQHC monthly reports
 - Monthly Immunization COVID Report for HRSA
 - eCW lab upload from SNHD
 - March Focus reports
 - COVID-19 Outreach report (Race and Ethnicity of individuals vaccinated at Galleria Mall)
 - FQHC monthly & YTD reports
 - PEP and PrEP report for 8 News
 - 2022 COVID Vaccine numbers for FQHC
 - FPNV Quarterly Reports
 - Focus report for Q1 2023
 - SHC PrEP RX Pool report
- ii. Coroner's Office reports:
 - Q1 2023 MVA report to DPS
 - Suicide prevention report for HHS
 - Histology destruction log for forensics
 - 2023 YTD under 18 deaths, both pending ID/NOK and non-pending.
 - Heat-related Methamphetamine deaths for data study
 - Report to track body release timeframes
- iii. Other report updates:
 - Working on Sunrise ELR reporting issue
 - Daily, weekly, and monthly SNPDL reports and upkeep
 - Completed GISP/eGISP reporting
 - Mosquito testing reporting
 - State NETSS weekly/YTD report

M. Training

- i. Staff attended and/or completed the following trainings, conferences, presentations, and webinars:
 - Attended NACCHO Preparedness Summit
 - Completed Policy Hub acknowledgements
 - Attended UNLV Wastewater Surveillance Workshop.
 - Attended John Hopkins Applied Modeling for Public Health (AMPH) Workshop

N. Other Projects

- i. Continue to maintain and enhance iCircle web application for OEDS. Continuous user account support, site maintenance, data corrections and updates.
- ii. Working on data export to EpiTrax. Completed export for negative results clients and PrEP data.
- iii. Mobile phone contacts upload to Alchemer. Created SMS messages with invitation to opt in for the Alchemer Survey.
- iv. Continue working on the Yale project with Epi office for case conferencing.
- v. UNLV Base model project, kickoff meeting.
- vi. UNLV Wastewater training planning.
- vii. Informatics Service Requests completed.
- viii. Assist Epidemiology and Surveillance programs, Office of EMS/Trauma System, Environmental Health, and Clinic Services with various data requests, data exports, and report generation.
- ix. Support online sign-up application for Syringe Vending (harm reduction) for Trac-b.
- x. Working on Women's Health Associates of Southern Nevada (WHASN) ELR implementation.
- xi. Working with State to identify and resolve immunization issues. Completed Out of State immunizations.
- xii. Completed the AMPH John Hopkins: Race/ethnicity disparities in RSV.
- xiii. Completed office budget objectives.

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March 2023: Clark County Disease Statistics*

Disease	2021		2022		2023	
	March	YTD	March	YTD	March	YTD
VACCINE PREVENTABLE						
Haemophilus influenzae, invasive	0	1	2	4	0	12
Hepatitis A	0	1	1	2	0	0
Hepatitis B, acute	0	3	2	9	0	2
Hepatitis B, chronic	53	126	62	183	72	167
Influenza	6	21	104	144	9	84
Pertussis	0	0	9	20	0	5
SEXUALLY TRANSMITTED						
Chlamydia	1277	3393	1159	3097	1214	3265
Gonorrhea	656	1927	617	1647	485	1458
HIV	43	105	41	109	46	112
Stage 3 HIV (AIDS)	17	40	18	40	6	36
Syphilis (Early non-primary, non-secondary)	68	197	62	179	67	203
Syphilis (Primary & Secondary)	75	222	69	201	45	160
CONGENITAL CONDITIONS						
Hepatitis C, Perinatal Infection	0	1	0	0	0	0
Congenital Syphilis	2	16	11	39	8	46
ENTERICS						
Amebiasis	1	1	0	0	1	1
Campylobacteriosis	11	26	6	17	17	43
Cryptosporidiosis	0	4	2	3	0	2
Giardiasis	5	12	2	13	2	8
Rotavirus	2	3	28	45	3	8
Salmonellosis	15	41	10	34	14	40
Shiga toxin-producing <i>E. coli</i> (STEC)	4	8	11	26	1	7
Shigellosis	5	13	1	6	9	15
Vibriosis (Non-cholera <i>Vibrio</i> species infection)	0	0	0	0	1	1
Yersiniosis	1	1	1	2	2	2
OTHER						
Coccidioidomycosis	14	42	8	32	16	55
Exposure, Chemical or Biological	0	1	1	1	0	1
Hepatitis C, acute	1	1	0	2	0	1
Hepatitis C, chronic	301	855	293	774	231	641
Invasive Pneumococcal Disease	11	35	14	57	30	84
Lead Poisoning	8	30	18	41	17	39
Legionellosis	3	5	0	6	3	7
Listeriosis	0	0	0	1	0	0
Lyme Disease	1	2	0	0	0	0
Malaria	0	0	0	1	0	1
Meningitis, Aseptic	3	13	1	3	0	2
Meningitis, Bacterial Other	3	3	1	2	0	0
Meningitis, Fungal	2	2	0	0	0	0
Q Fever, acute	0	0	0	0	1	1
RSV	3	9	97	608	42	579
Rabies, exposure to a rabies susceptible animal	15	58	26	82	25	83
Streptococcal Toxic Shock Syndrome (STSS)	2	7	0	2	3	14
Tuberculosis (Active)	6	15	3	12	3	11

*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.