



Memorandum

Date: April 20, 2023

To: Southern Nevada District Board of Health

From: Michael Johnson, PhD, *Director of Community Health*
Fermin Leguen, MD, MPH, *District Health Officer* *FZ*

MJ

Subject: Community Health Division Monthly Activity Report – April 2023

I. OFFICE OF CHRONIC DISEASE PREVENTION & HEALTH PROMOTION (OCDPHP)

A. Chronic Disease Prevention Program (CDPP)

In February, the CDPP coordinated multiple activities to commemorate Heart Month and raise awareness of hypertension and cardiovascular disease in priority communities. Activities included:

- CDPP staff was a guest on the KCEP Healthier Tomorrow radio program and invited BSHOP partners to join as a guest. Following the show, a listener inquired about how his barbershop could get involved with BSHOP. Staff followed up with the owner.
- A blog post and “Cutting Edge” newsletter was created and posted on the GH website.
- The Office of Communications developed a press release for heart month and CDPP staff participated on the Silver Knights radio show to discuss heart health.
- In partnership with the 100 Black Men, the youth cooking class recipe in January featured a heart healthy dish. In February, heart health educational materials and heart healthy cookbook were disseminated to participants who joined the February virtual class (50 participants).
- BeSHOP: The Beautiful Studio celebrated “Wear Red” Day and held a BP screening event. CDPP CHW screened and educated ten women.
- BSHOP: Seven screening events were held at our BSHOP partner locations during February.
- In partnership with one of BSHOP partners, CDPP joined Robert Taylor’s “Health is Wealth Tour” by coordinating a “Move to the Beat” walk at Craig Ranch Park. Over 50 people participated in the event and CDPP staff conducted nine BP screenings.
- Community screening events – four events held screening 56 participants.

- CDPP is partnering with the YMCA to offer a free Healthy Hearts Ambassador Self-Monitoring Blood Pressure Program at the YMCA. Recruitment began in February and is ongoing until class meets full enrollment.

In February, CDPP worked with Promotoras Las Vegas to conduct prediabetes outreach, awareness, and screening in the Hispanic community. CDPP staff trained promotoras and provided outreach materials. Promotoras participated in four community outreach events and conducted over 100 prediabetes screenings. Participants at risk for prediabetes were provided with educational materials and referred to participating clinical partners for education and follow up as appropriate. In addition, prediabetes educational materials in Spanish were distributed in 19 different community locations that serve the Hispanic community.

B. Tobacco Control Program (TCP)

Staff continues to encourage and support the implementation of tobacco-free policies in multi-unit housing through media campaigns, direct calls, in-person visits as needed. Signage and cessation materials are provided as an incentive for policy adoption. This month, five apartment complexes implemented or expanded their smoke-free policy. The online housing directory totals 54,744 smoke-free units.

SNHD staff developed and distributed a web video highlighting the findings of the latest Nevada Youth Risk Behavior Survey report. This video was featured in the February 2023 Tobacco Control Program electronic newsletter.

This month, an African American focused tobacco cessation campaign titled, You Can Do It-Quit For Us, was launched on TV, radio, social media, and web to educate and increase awareness of tobacco-related issues and promote the Nevada Tobacco Quitline. Additionally, staff participated in several African American focused community events to distribute tobacco prevention and cessation information.

This month 25 businesses implemented and/or expanded their smoke and vape free policy. Staff provided technical assistance in the way of model policy language and signage. The policy expansion resulted from a mailer that was sent to businesses in southern Nevada.

C. Other Efforts

OCDPHP has received additional funding from the CDC to support COVID and flu vaccine education and delivery among our REACH grant priority populations (African Americans and Hispanics). OCDPHP staff are working with community partners to train influential messengers in the community, promote vaccine update and increase accessibility to vaccines among these populations. During February:

- SNHD staff trained 24 community-level spokespersons. To date, 289 community-level spokespersons have been trained.
- Three (3) community events to distribute information and promote vaccination occurred in reaching 530 individuals.

- Two (2) pop up vaccine clinics were offered vaccinating 31 people for COVID and 27 for flu. A total of 6,058 vaccines have been provided to date through these efforts.
- The multi-component, English/Spanish language Flu media campaign to reach priority populations continued to air. This campaign consists of paid print, radio, social media (Instagram/Facebook), e-blasts and online banners. This year, a new campaign element focusing on pregnant people was incorporated. Healthcare providers are also being targeted through print publications. In January, 1,121,648 people were reached through the campaign.

II. OFFICE OF EMERGENCY MEDICAL SERVICES & TRAUMA SYSTEM (OEMSTS)

A. OEMSTS – February 2022 / 2023 Data

February EMS Statistics	March 2022	March 2023	
Total certificates issued	644	921	↑
New licenses issued	85	57	↓
Renewal licenses issued (recert only)	369	855	↑
Driver Only	17	33	↑
Active Certifications: EMT	766	853	↑
Active Certifications: Advanced EMT	1587	1640	↑
Active Certifications: Paramedic	1840	1916	↑
Active Certifications: RN	59	70	↑

III. OFFICE OF PUBLIC HEALTH PREPAREDNESS (OPHP)

A. Planning and Preparedness

1. OPHP staff began planning for a full-scale exercise to be conducted in October 2023.
2. This trained team corroborates with community and hospital partners, by hosting and attending community meetings virtually.
3. OPHP extensively works with the SNHD contractor to develop the regional and SNHD COVID After Action Report.
4. Our personnel have avidly been planning with community partners for the upcoming Formula 1 and Super Bowl LVIII special events.
5. The OPHP Team is identifying a vendor to conduct a recovery seminar and workshop.

B. PHP Training and PH Workforce Development:

1. Keeping in line with the direction of SNHD's leadership, all non-essential training has been postponed focusing on the COVID response and training needs.
2. Internally, we provide Employee Fit Testing: Essential SNHD staff continue to receive respirator fit testing. 15 Fit tests completed.
3. Developed training manuals for OPHP to use for ICS training. Beginning to work with PHP trainers to come up with a training program for SNHD staff in ICS roles.
4. March 1st, staff attended a Critical Asset Risk Management training at CCFD.
5. March 2nd, we were present at the Critical Infrastructure Resilience and Community Lifeline training at CCFD.
6. March 6th, our team participated in the Public Health Infrastructure State Health Improvement Planning Subcommittee meeting.
7. March 9th, we began the jurisdictional risk assessment process by reviewing SME ideas with Planning team, submitted requests to community partners for feedback.
8. March 14th OPHP engaged in the MPM for SNHD FSE.
9. March 27th, aided Clark County by having a meeting to review the new ESF-6 Appendix.
10. March 28th – 29th, corroborated in the FBI/CDC Join Criminal/Epi Investigation Course.
11. March 30th, engaged in a demonstration for new inventory management system.

C. Hospital Preparedness Program (HPP): OPHP dispensed a Hospital Preparedness Program Liaison

1. March 2nd – Our HPP team presented at the Southern Nevada Healthcare Preparedness Coalition providing updates on Chemical Response Functional Exercise After-Action Meeting on 16 March 2023, the National Association of County and City Health Officials (NACCHO) Preparedness Summit – April 24 – 27, 2023, and the National Disaster Medical System/Federal Coordinating Center Full-Scale Exercise with the Veterans Health Administration in May. Also provided was the All-hospital Radio Test, updates from the community partners, and closing out the meeting was updates on upcoming training and exercise opportunities for the coalition members.
2. March 7th –HPP Liaison fulfilled commitment in the State of Nevada Micro-Planning Session for COVID-19 Vaccination distribution. This meeting included updates from the

state on status of vaccines, deliveries, and partnerships. This also included an update from the Southern Nevada Health District Team.

3. March 9th – The HPP Liaison participated in the University Medical Center of Southern Nevada’s Emergency Management Committee meeting for the month of March 2023. Updates included the FBI Epi/Criminology Workshop, The CDC Public Health Legal and Preparedness Workshop, the following TEEEX courses: Pediatric Disaster and Emergency Preparedness Course, Medical Preparation for Bombing Incidents, and Medical Counter-Measures Course.
4. March 10th – HPP contributed to the Division of Public and Behavioral Health’s discussion on the budget for BP4 and planning the budget for BP5.
5. March 14th – The Senior Public Health Preparedness Planner for the Hospital Preparedness Program participated in the Public Health Emergency Program’s Midterm Planning Meeting for the Full-Scale Exercise based on an Anthrax release, establishing a Mega Point of Dispensing (MegaPOD), and demobilization of response assets. HPP will support through coordination with hospitals on their participation in the exercise.
6. March 16th – Our Senior Public Health Preparedness Planner for the Hospital Preparedness Program hosted the Chemical Response Functional Exercise, Chubby Yellow Rain, After-Action Meeting for the participants, evaluators, controllers, and observers. The goal of the After-Action Meeting (AAM) was to brief the group on the outcome of the exercise, meeting the objectives, realizing strengths, and identifying challenges for the group and identifying a lead to take on the role of Corrective Action Lead. The DRAFT After-Action Report/Improvement Plan was provided to the group prior to this meeting with the additional goal of finalizing that document. The Senior Public Health Preparedness Planner for the Hospital Preparedness Program also participated in the Southern Nevada Health District’s All-Hands Meeting with District leadership.
7. March 20th – HPP accommodated the State of Nevada’s Microplanning session for COVID-19 vaccine distribution within southern Nevada. This meeting included updates from the state on status of vaccines, deliveries, and partnerships. This also included an update from the Southern Nevada Health District Team. Today’s updates included information on the MPox vaccination and the vaccination team at the Nevada Department of Corrections – Indian Springs location.
8. March 22nd – The HPP team subscribed to a discussion with the Encompass Care emergency management tracer conducted by the Joint Commission. The discussion focused on types of emergencies the organization faced in the previous 12 months, 24 months, and 36 months that required activations on their emergency operations plan, the impact on the organization due to these real emergency management issues, and

status of active shooter training, exercises, and incorporation of lessons learned into the organizational emergency operations plan.

9. March 28th – HPP met with Las Vegas Fire and Rescue and other community partners to discuss the Community Risk Assessment/Standards of Cover for Las Vegas Fire. Meeting was held at City Hall. The goal of the meeting was to evaluate ten critical services provided by Las Vegas Fire and Rescue, compare the ten to each other, and submit our assessment.

D. Grants and Administration:

1. OPHP staff are working with the State Division of Public and Behavioral Health on carryforward from Budget Period 3 for both the HPP and PHEP grants.
2. OPHP staff are working with the Division of Emergency Management to submit the UASI grant application to maintain a public health analyst at the Southern Nevada Counterterrorism Center.

E. Medical Reserve Corps (MRC) of Southern Nevada: MRC coordinator works in conjunction with SNHD and community partners for volunteers needed for the COVID response.

MRC Volunteers assisted at Nevada Partners COVID vaccine clinic and attended Psychological First Aid training in February. MRC Coordinator planned training activities for upcoming months, sent out newsletters, and continues to recruit and deactivate volunteers. MRC Coordinator attended monthly NACCHO MRC and PPAG Workgroup meetings, as well as SNHPC.

MRC Volunteer Hours FY2023 Q3

(Economic impact rates updated March 2023):

Activity	January	February	March
Psychological First Aid Training	0	48	
COVID Vax Outreach	0	10	
Total Hours	0	58	
Economic impact	0	\$1,877.03	

IV. VITAL RECORDS

- A. March 2023 is currently showing 2.5% decrease in birth certificate sales in comparison to March 2022. Death certificate sales currently showing a 9% decrease in comparison to March 2022. SNHD received revenues of \$43,602 for birth registrations, \$24,726 for death registrations; and an additional 10,149 in miscellaneous fees.

COMMUNITY HEALTH Vital Statistics Program Birth/Deaths Registered – Fiscal Year Data

Vital Statistics Services	March 2022	March 2023		FY 21-22 (Mar)	FY 22-23 (Mar)	
Births Registered	2,117	1,837	↓	19,175	18,454	↓
Deaths Registered	2,095	1,988	↓	19,096	16,113	↓
Fetal Deaths Registered	17	17		149	147	↓

COMMUNITY HEALTH Vital Statistics Program Birth/Deaths Certificates – Fiscal Year Data

Vital Statistics Services	March 2022	March 2023		FY 21-22 (Mar)	FY 22-23 (Mar)	
Birth Certificates Sold (walk-in)	2	8	↑	243	326	↑
Birth Certificates Mail	172	177	↑	995	1,091	↑
Birth Certificates Online Orders	4,540	4,403	↓	34,668	33,146	↓
Birth Certificates Billed	137	139	↑	896	1,023	↑
Birth Certificates Number of Total Sales	4,851	4,727	↓	36,802	35,586	↓
Death Certificates Sold (walk-in)	11	23	↑	231	149	↓
Death Certificates Mail	194	226	↑	1,212	1,473	↑
Death Certificates Online Orders	9,578	8,665	↓	89,158	73,820	↓
Death Certificates Billed	62	49	↓	508	313	↓
Death Certificates Number of Total Sales	9,845	8,963	↓	91,109	75,755	↓

COMMUNITY HEALTH Vital Statistics Program Birth/Deaths Cert. Sales by Source – Fiscal Year Data

Vital Statistics Sales by Source	March 2022	March 2023		FY 21-22 (Mar)	FY 22-23 (Mar)	
Birth Certificates Sold Valley View (walk-in)		.2%	↑	.7%	.9%	↑
Birth Certificates Mail	3.5%	3.7%	↑	2.7%	3.1%	↑
Birth Certificates Online Orders	93.6%	93.1%	↓	94.2%	93.1%	↓
Birth Certificates Billed	2.8%	2.9%	↑	2.4%	2.9%	↑
Death Certificates Sold Valley View (walk-in)	.1%	.3%	↑	.3%	.2%	↓
Death Certificates Mail	2%	2.5%	↑	1.3%	1.9%	↑
Death Certificates Online Orders	97.3%	96.7%	↓	97.9%	97.4%	↓
Death Certificates Billed	.6%	.5%	↓	.6%	.4%	↓

COMMUNITY HEALTH Vital Statistics Program Birth/Deaths Certificates Sales – Fiscal Year Data

Revenue	March 2022	March 2023		FY 21-22 (Mar)	FY 22-23 (Mar)	
Birth Certificates (\$25)	\$121,275	\$118,175	↓	\$920,050	\$889,650	↓
Death Certificates (\$25)	\$246,125	\$224,075	↓	\$2,277,725	\$1,893,875	↓
Births Registrations (\$13)	\$46,644	\$43,602	↓	\$350,272	\$330,798	↓
Deaths Registrations (\$13)	\$28,067	\$24,726	↓	\$257,452	\$210,223	↓
Convenience Fee (\$2)	\$9,742	\$9,280	↓	\$74,440	\$71,154	↓
Miscellaneous Admin	\$951	\$869	↓	\$8,853	\$5,877	↓
Total Vital Records Revenue	\$452,804	\$420,727	↓	\$3,888,792	\$3,401,577	↓

*Numbers will change once stable

COMMUNITY HEALTH Passport Program – Fiscal Year Data

B. PASSPORT SERVICES – Passport Services is appointment only. Passport photos remain suspended.

Applications	March 2022	March 2023		FY 21-22 (Mar)	FY 22-23 (Mar)	
Passport Applications	854	998	↑	5,672	6,916	↑
Revenue	Feb 2022	Feb 2023		FY 21-22 (Feb)	FY 22-23 (Feb)	
Passport Execution/Acceptance fee (\$35)	\$29,890	\$34,930	↑	\$198,520	\$242,060	↑

V. HEALTH CARDS

A. COVID Activities:

1. Perpetual oversight of door screener at the SNHD Decatur Building, with plans to perpetuate until instructed to cease screening and triage at front door.

B. Food Handling / Health Cards:

1. In early March, we started opening appointments on every weekday for our Decatur, Fremont, and Henderson offices. Now, clients can check for open appointments every morning Monday through Friday rather than only on one day of the week. On Wednesdays, the appointments are on the very same day, which is designed to help those who need a card prior to starting a new job. On other weekdays, they are advance appointments for that day in the following week. No appointment is more than a week in the future. For the greatest availability, we encourage clients to self-schedule at www.snhd.info/foodhandlerappointments prior to 8 or 9 a.m.
2. For the month of March, we averaged 97 “passing and paying” online renewal clients per day, with a total of 3,004 clients renewing online.

C. Body Art Cards

1. Clients are taking advantage of the Body Art Card appointments that were recently added at our Fremont and Henderson offices. However, most still use our Decatur office, with which they were familiar.

D. Other

1. Recruitment is underway to replace two (2) temporary workers with two FTE, as the need was proven to remain at these staffing levels for the long run.

CLIENTS SERVED	Mar 2023	Feb 2023	Jan 2023	Dec 2022	Nov 2022	Oct 2022
Food Handler Cards – New	4,539	3,953	3,698	3,175	3,016	2,573
FH Cards – Renewals	3,294	3,312	4,143	3,924	3,440	3,126
FH Cards – Online Renewals	3,004	3,563	4,513	3,021	2,794	2,965
Duplicates	382	362	406	244	232	239
CFSM (Manager) Cards	320	264	315	162	155	132
Re-Tests	1,471	1,238	1,513	1,254	906	810
Body Art Cards	83	80	77	69	67	108
TOTALS	13,093	12,772	14,665	11,849	10,610	9,953

VI. HEALTH EQUITY

- A. The Health Equity program received a No Cost Extension from the Center for Disease Control to build, leverage, and expand infrastructure support for COVID-19 prevention and control among populations that are at higher risk and underserved.
 - 1. The program continues to collaborate with SNHD programs and grant subrecipients to plan and coordinate COVID community strategies and events.
- B. The Health Equity Program works towards reducing health disparities through increasing organizational capacity and implementing community strategies.
 - 1. March 29th, 2023, the Health Equity program presented at the 2023 Southern Nevada Health Rankings.

VII. SOUTHERN NEVADA PUBLIC HEALTH LABORATORY (SNPHL)

A. Clinical Testing:

- 1. The SNHD Nursing Division: molecular and microbiology culture, Sexually Transmitted Disease (STD) testing.
- 2. SNHD STD department: the CDC Gonococcal Isolate Surveillance Project (GISP) as well as enhanced Gonococcal Isolate Surveillance Project (eGISP). SNPHL performs NAAT and culture testing of *N. gonorrhoeae* isolates and submits isolates to a reference laboratory for the determination of antibiotic susceptibility patterns. SNPHL has also joined eGISP Part B to expand culture-independent testing for antimicrobial resistance genes of gonococcal isolates.
- 3. A total monthly samples tested is listed in the following table:

Test Name	Monthly Count	Avg Year to Date
GC Cultures	34	66
NAAT NG/CT	1210	1146
Syphilis	1138	923
RPR/RPR Titers	241/101	207/84
Hepatitis Total	887	862
HIV/differentiated	767/23	542/13
HIV RNA	76	68

	Campy Screen	7	10	6										
Neisseria species	Gonorrhoeae Culture	70	66	34										
	Gram Stain/WBC	0	0	0										
	Neisseria ID	0	0	0										
	Haemophilus ID	0	0	8										
Unknown ID	Bacterial ID	0	0	0										
	WGS (PulseNet)	24	21	24										
Salmonella	Salmonella Screen	16	14	13										
	Salmonella Serotype	15	10	12										
Shigella	Shigella Screen	4	7	10										
	Shigella Serotype	4	5	12										
STEC	STEC Screen	4	0	7										
	STEC Serotype	4	0	1										
Unknown	Stool Culture	3	14	2										
Vibrio	Vibrio ID	0	1	0										
	Vibrio Screen	0	0	1										
Yersinia	Yersinia Culture/ID	0	0	1										

B. Epidemiological Testing and Consultation:

1. SNPHL participates in the SNHD Outbreak Investigation Committee and Foodborne Illness Taskforce. There was one case for outbreak investigation in March.

2. SNPHL continues to report results of influenza testing to the CDC National Respiratory and Enteric Virus Surveillance System (NREVSS). SNPHL performed March, 46 respiratory panels on the BioFire.

C. Emergency response and reportable disease isolate testing report:

1. SNPHL performs reportable disease isolate testing and confirmation. Isolates submitted by local laboratories are serotyped and/or confirmed by Whole Genome Sequencing; stored on-site; and results reported and/or samples submitted to CDC through various national programs; Public Health Laboratory Information System (PHLIS), National Antimicrobial Resistance Monitoring System (NARMS), and Influenza Surveillance, and PulseNet Bacterial Outbreak Surveillance
2. SNPHL’s additional mission is as a member of the CDC Laboratory Response Network (LRN) testing for the identification of potential biological weapons/agents on environmental daily samples within its unique BSL3 environment.

2023	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec
Select Agent Rule out (total PCR)	0	0	2									

3. SNPHL is clinically validated for using Whole Genome Sequencing (WGS) for the identification of Campylobacter species (select species), pathogenic Escherichia coli, and Salmonella species. SNPHL is also validated for the determination of Salmonella serotypes and STEC (Shiga toxin-producing E. coli) serotypes and Shiga toxin genes.
4. SNPHL performed 24 Whole Genome Sequencing tests (WGS) as part of PulseNet Foodborne Outbreak Surveillance in March 2023.
5. SNPHL has completed validation for all bacterial groups on the Bruker MALDI-TOF instrument for streamlined screening of bacterial isolates, to decrease turnaround time and modernize microbiological identification methods.
6. SNPHL is validated for sequencing of SARS-CoV-2 and variants of concern through the identification of lineages and clades.
7. SNPHL has sustained capacity of sequencing many 192 SARS-CoV-2-positive RNA extracts per week with expectations of increasing this capacity with appropriate staffing, instrumentation, and method development. As of March 2023, SNPHL has sequenced 64

SARS-CoV-2-positive RNA extracts. The new Laboratory Technologist and Laboratory Assistant have completed their training and have been aiding in SARS-CoV-2 sequencing.

8. SNPHL is clinically validated for the identification of Campylobacter species (select species), pathogenic Escherichia coli, and Salmonella species. SNPHL is also validated for the determination of Salmonella serotypes and STEC (Shiga toxin-producing E. coli) serotypes and Shiga toxin genes.
9. SNPHL coordinates and participates with Environmental Health and Veritas Labs for Legionella surveillance.

2023	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Legionella	7	1	24									

10. SNPHL provides vector testing for Environmental Services, testing for Zika, West Nile, Western / Eastern Equine Encephalitis. Our facility hosted a CDC demonstration for the Vector team. In February, we tested a total 0 mosquito pools samples.
11. As part of the Gonococcal Isolation Surveillance Program (GISP) and enhanced GISP (eGISP), in March, a total of 34 clinical isolates, Neisseria gonorrhoeae 66 isolates) and Neisseria meningitidis (0 isolates), were collected and will be sent to either the regional laboratory for antimicrobial susceptibility testing (AST) or the CDC, respectively. Remnant NAATs or N. gonorrhoeae samples will be sent to the CDC for molecular-based AST testing as part of eGISP Part B.

D. All-Hazards Preparedness:

1. SNPHL provides / assists testing for SNHD COVID Emergency Incident Response, local community outreach, CCDC jail-detention centers, institutions of higher education, and long-term nursing facilities Rapid-Antigen POC (CDC-EUA: Abbott IDNow; Qiagen Sofia; BD Vector) with outbreak confirmation RT-PCR testing supported by SNPHL.
2. SNPHL provides COVID Biosafety Training/Guidelines to Non-Traditional testing sites.
3. SNPHL coordinates with training/exercises for First Responders including local Civil Support Team, HazMat, Federal Bureau of Investigation, and Las Vegas Metropolitan Police Department.
4. SNPHL provides information to local laboratorians on CDC packaging and shipping infectious substances and the chain of custody procedures.
5. Provided onsite training for COVID online ordering applications for long-term care facilities.

6. Supplied Biosafety Guidance to Sentinel Sites regarding Monkeypox.
7. Furnished Monkeypox and Bivalent COVID Booster vaccination to laboratory staff.
8. Perpetuated Biosafety Training and guidance to SNPHL personnel.

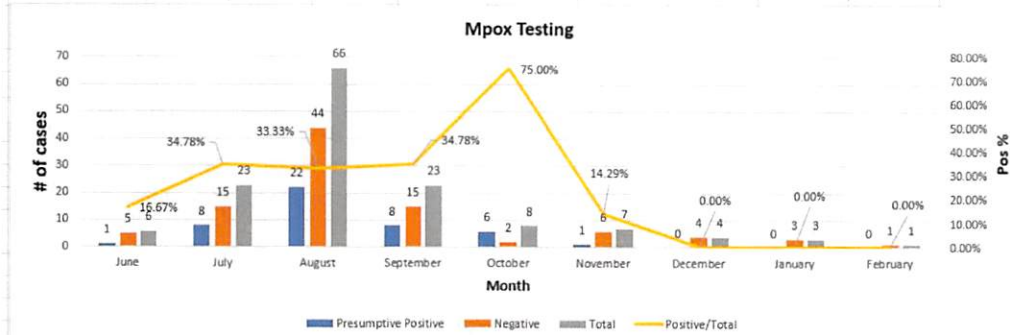
E. March 2023 SNPHL Activity Highlights:

1. SNPHL has a stable CDC supply of Viral Transport Medium (VTM) used in COVID collection kits.
2. The renovation of the clinical laboratory is almost completed now. Laboratory plan to move the clinical laboratory to the new lab in the second week of March 2023. This new 1,400 sf of the laboratory will be added to the urine analysis, clinical chemistry, and TB testing for uninsured patients in the future.
3. The relocation of WGS instruments including three MiSeq and one NextSeq has completed in the late of March. The validation of those instruments has been completed.
4. SNPHL is working with CDC to develop an Electronic Laboratory Reporting (ELR) system for Monkeypox testing. This system allows us to report the MONKEYPOX testing report to CDC promptly. Currently, we are using a laboratory Network System to report the result which is time-consuming and labor insensitive.
5. Emergency Response laboratory started to validate the warrior panel and verification process with CDC. CDC is also under development and validating the new PCR methods for the identification of the Ebola Sudan strain.
6. According to the WGS and genomic data analysis, the Omicron variant XBB.1.5, lineages is domain lineage, 100%, in March, from the samples received in the laboratory. Our laboratory will keep sequencing the closed contact samples to help ODS to follow up on the investigation.
7. SNPHL still remain the service for the Monkeypox testing for the residents of Clark County even the ICS for Monkeypox has been demobilized.
8. According to the data of influenza surveillance in this flu season, the A/H3 and A/H1 are major subtype of influenza and the percentage of ratio between two subtypes are 80% and 20%, respectively. There was one positive A/H1 and A/H each case in March.
9. Safety concerns is for the SNPHL facility security camera upgrade which currently under process by Facilities.
10. Currently our BSL-3 laboratory has detected a total of 46 possible Monkeypox cases. Those presumptive samples have been sent to CDC this week to CDC for a confirmation test. The current Monkeypox testing status is summarized as follows:

Mpox testing from SNPHL*

	June	July	August	September	October	November	December	January	February	Total
Presumptive Positive	1	8	22	8	6	1	0	0	0	46
Negative	5	15	44	15	2	6	4	3	1	95
Total	6	23	66	23	8	7	4	3	1	141
Positive/Total	16.67%	34.78%	33.33%	34.78%	75.00%	14.29%	0.00%	0.00%	0.00%	32.62%

* Per patient



F. COMMUNITY HEALTH – SNPHL – Calendar Year Data

February Services	2022	2023	
Clinical Testing Services ¹	4,656	5,308	↑
Epidemiology Services ²	649	2,554	↑
State Branch Public Health Laboratory Services ³	6,892	4,602	↓
All-Hazards Preparedness Services ⁴	10	6	↓
Environmental Health Services ⁵	0	0	

¹ Includes N. Gonorrhoeae culture, GISP isolates, Syphilis, HIV, CT/GC molecular, Gram stain testing, and COVID Ab immunologic tests.

² Includes Stool culture, EIA, Norovirus PCR, Respiratory Pathogen PCR, Epidemiological investigations, or consultations.

³ Includes COVID PCR, WGS, and LRN testing, proficiency samples, reporting to CDC, courier services, infectious substance shipments, teleconferences, training, presentations and inspections, samples submitted to CDC or other laboratories' submissions.

⁴ Includes Preparedness training, teleconferences, and Inspections.

⁵ Includes vector testing