



Memorandum

Date: October 27, 2022

To: Southern Nevada District Board of Health

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

MJ

Subject: Community Health Division Monthly Activity Report – September 2022

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

A. Chronic Disease Prevention Program (CDPP)

In commemoration of World Breastfeeding Month in August, the CDPP team in conjunction with partners, launched a campaign to promote breast/chest feeding among priority populations and connect them to available resources. The campaign included print, digital, and social media ads in English and Spanish and ran throughout August. The CDPP also sponsored the Nurturing Naturally Breastfeeding Resource Fair and a Human Milk Donation Drive during August. CDPP provided resource bags which included the Breastfeeding Resource Guide for participants at each event. Over 100 people attended the Nurturing Naturally event and over 732 oz of milk was collected during the donation drive.

As part of our REACH and SNAPED projects, the CDPP worked with two (2) faith-based food pantries (No Greater Love Worship Center (NGLWC) and Iglesia Puertas de Alabanza (IPA) to implement the Supporting Wellness at Pantries (SWAP) program and adopt a nutrition standards policy for the pantry. Pre and post nutritional and environmental assessments of the pantries were completed. The score on the post assessment for NGLWC doubled from 30 in the pre assessment to 60 in the post assessment and the score for IPA went from an 8 to 48. At NGLWC the biggest improvements were seen in the availability of fresh fruits and vegetables and nutritional quality of other shelf-stable foods. Whole, fresh eggs are also now offered on each pantry day as an additional source of lean protein. In addition, the NGLWC pantry now makes verbal referrals to WIC, TANF and/or SNAP while displaying nutrition education from MyPlate in the pantry. At IPA, improvements included increased number and variety of healthier options (including fresh produce), implementing a nutrition ranking/display system, and using visual displays and posters or other educational materials to identify healthier options. The CDPP will continue to provide technical assistance and support to both pantries.

The 'With Every Heartbeat is Life' (WEHIL) class wrapped up in August. The CDPP provides the classes in partnership with the Martin Luther King Junior Senior Center. WEHIL classes are cardiovascular health classes for African Americans designed to be taught in community settings. Five people participated in the WEHIL class. In addition, multiple blood pressure screenings were also provided in August, some in partnership with the SNHD Health Equity team. BP screenings in August included two (2) BeSHOP locations, four (4) BSHOP locations and community sites including Helen Cannon Middle School (16 screened; 14 referrals) and six (6) Nevada Hand Senior Properties (89 screened; 11 referrals).

Community Outreach Events included a Move Your Way event at North Las Vegas and a Muévete a Tu Manera event at a Back to School Health Fair. In total, 920 people participated in these two (2) events.

B. Tobacco Control Program (TCP)

Staff finalized a vaping prevention toolkit for educators and administrators, which includes recommended alternative to suspension (ATS) programming, along with ATS sample policy language. This toolkit was mailed to every Clark County middle and high school in August 2022, including CCSD and private schools. Staff also developed a PowerPoint training tool to accompany the toolkit.

On August 15th, the UNLV smoke-free/tobacco free policy went into effect. Several news outlets covered the policy implantation throughout the month of August. Follow-up meetings with UNLV and community stakeholders will continue to be held to discuss policy implementation.

Staff partnered with the Clark County Medical Society to distribute educational materials summarizing tobacco cessation resources and the Quitline electronic referral process at the Nevada State Medical Association August meeting. This event had an estimated 125 healthcare providers in attendance. Staff finalized a health care provider training video to promote brief tobacco use interventions and the electronic referral process. The video will be distributed electronically to stakeholders and will posted on the Get Healthy Clark County website and YouTube account.

This month, staff completed their final tabling event at the LV Aviators to promote tobacco-free lifestyles. SNHD staff participated in 3 tabling opportunities from June to August 2022 in recognition of the LV Ballpark's new tobacco-free policy. At these events, SNHD staff distributed materials promoting the Nevada Tobacco Quitline.

C. Other Efforts

OCDPHP has received additional funding from the CDC to support COVID-19 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 August:

- The COVID/Flu Social Listening Insight report was completed. The project evaluation team analyzed SNHD’s and other local partner COVID/Flu social media posts and the resulting public comments to identify recurring themes/sentiments related to vaccination. The report will help inform outreach and media interventions. Monthly social media listening/monitoring will continue.
- A draft of a young adult Latinx survey was developed. The survey will identify COVID-19 and Flu vaccine attitudes, behaviors, and beliefs among this priority population.
- To date, 230 community-level spokespersons have been trained.
- 1 community event to distribute information and promote vaccination occurred in August reaching 300 individuals. To date, 57 events have occurred serving 16,886 people. 85% of those reached at events have been from our priority populations.
- 4 pop up vaccine clinics were offered in August vaccinating 32 people for COVID-19 and 0 for flu. A total of 5,218 individuals have been vaccinated to date through these efforts. 95% of individuals vaccinated at the pop-up clinics have been from our priority populations.

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

B. OEMSTS – September 2021 / 2022 Data

September EMS Statistics	September 2021	September 2022	
Total certificates issued	678	1473	↑
New licenses issued	77	68	↓
Renewal licenses issued (recert only)	593	1370	↑
Driver Only	13	24	↑
Active Certifications: EMT	793	745	↓
Active Certifications: Advanced EMT	1601	1623	↑
Active Certifications: Paramedic	1768	1813	↑
Active Certifications: RN	63	63	=

III. **OFFICE OF PUBLIC HEALTH PREPAREDNESS (OPHP)**

A. **Planning and Preparedness**

1. OPHP staff continue to assist the Health District and the community in responding to the Monkeypox pandemic. Many staff remain in SNHD activated ICS.
2. Our personnel corroborate by hosting and attending community meetings virtually with community and hospital partners.
3. Staff are working with internal staff who have been responding to the COVID response as well as external partners to develop an interim action report for SNHD and the region.
4. The OPHP Team is continuing to work with the County and the SNHD contractor to develop the regional and SNHD COVID After Action Report.

B. **PHP Training and PH Workforce Development:**

1. Following SNHD leadership direction, all non-essential training has been postponed focusing on the COVID-19 response and training needs
2. Employee Fit Testing: Essential SNHD staff continue to receive respirator fit testing. 64 fit tests completed.
3. Planner I/II is completing Job Action Sheets for Incident Command.
4. September 1 - Started renewal process for Closed POD within House Home Health.
5. September 13 OPHP attended Render Safe TTX at LVMPD HQ
6. September 14 Sent Notification Annex for review
7. September 20 Began renewal process for Closed POD with Cox Communications.

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

1. September 1 – as Chair for the Southern Nevada Healthcare Preparedness Coalition, hosted the Monthly Healthcare Coalition at the Southern Nevada Health District. Information sharing included vote to approve the Coalition Charter and the Coalition Continuity of Operations Plan, presentation on the Multi-agency Coordination Center (MACC), and updates from the jurisdictional and healthcare members.
2. September 6 – participated in the Bi-weekly microplanning and check-in meeting with the State of Nevada. Information shared in this meeting is specifically tied to COVID-19

response, national updates, and local successes and challenges. The meeting is also starting to include data on Monkey Pox Virus response.

3. September 8 – engaged in the Health & Human Services Healthcare Cybersecurity Coordination Center. Threat Briefing – Emerging Technology & the Security Implications for the Health Sector. Also, HPP Liaison participated in the University Medical Center of Southern Nevada’s Emergency Preparedness Committee’s monthly meeting providing updated to the committee members.
4. September 20 – participated in the Bi-weekly microplanning and check-in meeting with the State of Nevada. Information shared in this meeting is specifically tied to COVID-19 response, national updates, and local successes and challenges. This meeting is also beginning to incorporate data on Monkey Pox Virus response.
5. September 21 – met with the County HazMat Coordinator and HazMat Chief to discuss the Chemical Response Functional Exercise. Key points: decrease plum model, decrease number of potential mortalities, and stress healthcare response.
6. September 23 – represented SNHD at the Quarterly Public Health Preparedness Partners’ Meeting. Topics included: Welcome and Updates, Career Epidemiology Field Officer (CEFO) Introduction and Overview, Central Nevada Health District Update and Roundtable, Nevada State Public Health Laboratory (NSPHL) Presentation, and Path forward: Standing Items, National representation brief-outs & preparation for the next meeting: who/where/when. Other topics included State PHP roster, Upcoming events: Nevada Office of Minority Health and Equity Summit November 18, 2022; 2022 National Healthcare Coalition Preparedness Conference, November 29-December 2, 2022; and The Association of State and Territorial Health Officials (ASTHO) Directors of Public Health Preparedness (DPHP) meeting October 18, 2022.
7. September 27 – provided Incident Command System instruction, provided the Incident Command System training for Incident Command 400 - Advanced Incident Command System for Complex Incidents. Through this course of instruction, the Southern Nevada Health District gains more personnel trained in Incident Command System and can be utilized in the response for all emerging highly infectious diseases and all-hazards response.
8. September 28 – provided Incident Command System instruction, provided the Incident Command System training for Incident Command 400 - Advanced Incident Command System for Complex Incidents. Through this course of instruction, the Southern Nevada Health District gains more personnel trained in Incident Command System and can be utilized in the response for all emerging highly infectious diseases and all-hazards response.

D. Grants and Administration:

1. OPHP staff are supporting COVID-19 response and logistical needs.
2. OPHP staff are supporting monkeypox call line logistics.
3. OPHP is currently awaiting the Notice of Award for the PHEP, CRI, and HPP grants from the State DPBH.

E. Medical Reserve Corps (MRC) of Southern Nevada: MRC coordinator works in conjunction with SNHD and community partners for volunteers needed for the COVID-19 response.

In August, volunteers supported the Immunization Clinic at the intake desk during the Back-to-School rush and regular business. One volunteer served at the SNPHL, assembling COVID test kits. One volunteer administered monkeypox vaccine. Volunteers helped with SNHD COVID surveys and an outreach at Nevada Academy of Family Physicians. Total “accepted” volunteers stand at about 548. MRC Coordinator recruited, vetted, assigned, deployed, and deactivated volunteers. MRC Coordinator continues to recruit and deactivate volunteers and participates in COVID-19 planning and operations meetings as available. MRC also attended monthly NACCHO MRC Workgroup and PPAG meetings. The table below summarizes volunteer hours served in the first quarter of this fiscal year.

MRC Volunteer Hours FY2023 Q1 COVID-19 Response and Non-Emergency Economic impact rates updated August 2022

Activity	July	August	September
SNHD IMM CLINIC	49.5	99.5	
SNHD COVID VAX OUTREACH	6	12	
SNPHL	0	3.75	
SNHD ODS Support	9.5	0	
SNHD Monkeypox	0	32	
NAFP Outreach	0	8	
Total Hours	65	155.25	
Economic impact	\$1,934.21	\$4,588.11	

IV. VITAL RECORDS

- A. September 2022 is currently showing a 6.5% decrease in birth certificate sales in comparison to September 2021. Death certificate sales currently showing a 27% decrease in comparison to September 2021. SNHD received revenues of \$32,721 for birth registrations, \$21,203 for death registrations; and an additional \$7,593 in miscellaneous fees.

COMMUNITY HEALTH Vital Statistics Program – Fiscal Year Data

Vital Statistics Services	Sept 2021	Sept 2022		FY 22-22 (Sept)	FY 22-23 (Sept)	
Births Registered	2,206	1,945	↓	6,492	6,147	↓
Deaths Registered	2,132	1,753	↓	6,266	5,210	↓
Fetal Deaths Registered	12	14	↓	55	49	↓

COMMUNITY HEALTH Vital Statistics Services – Fiscal Year Data

Vital Statistics Services	Sept 2021	Sept 2022		FY 21-22 (Sept)	FY 22-23 (Sept)	
Birth Certificates Sold (walk-in)	26	31	↑	76	121	↑
Birth Certificates Mail	92	103	↑	336	357	↑
Birth Certificates Online Orders	3,585	3,287	↓	13,494	11,708	↓
Birth Certificates Billed	83	118	↑	292	330	↑
Birth Certificates Number of Total Sales	3,786	3,539	↓	14,198	12,516	↓
Death Certificates Sold (walk-in)	32	26	↓	86	40	↓
Death Certificates Mail	107	151	↑	347	435	↑
Death Certificates Online Orders	10,254	7,371	↓	28,601	23,583	↓
Death Certificates Billed	79	21	↓	188	86	↓
Death Certificates Number of Total Sales	10,472	7,569	↓	29,222	24,144	↓

COMMUNITY HEALTH Vital Statistics Sales by Source - Fiscal Year Data

Vital Statistics Sales by Source	Aug 2021	Aug 2022		FY 21-22 (Aug)	FY 22-23 (Aug)	
Birth Certificates Sold Valley View (walk-in)	.5%	.7%	↑	.5%	1%	↑
Birth Certificates Mail	2%	3.3%	↑	2.2%	2.9%	↑
Birth Certificates Online Orders	95.2%	93.4%	↓	95.2%	93.8%	↓
Birth Certificates Billed	2.2%	2.6%	↑	2%	2.4%	↑
Death Certificates Sold Valley View (walk-in)	.3%	.1%	↓	.3%	.1%	↓
Death Certificates Mail	1.1%	1.9%	↑	1.3%	1.7%	↑
Death Certificates Online Orders	98.1%	97.6%	↓	97.9%	97.8%	↓
Death Certificates Billed	.5%	.4%	↓	.6%	.4%	↓

COMMUNITY HEALTH Vital Statistics Program – Fiscal Year Data

Revenue	Sept 2021	Sept 2022		FY 21-22 (Sept)	FY 22-23 (Sept)	
Birth Certificates (\$25)	\$94,650	\$88,475	↓	\$354,950	\$312,900	↓
Death Certificates (\$25)	\$261,800	\$189,225	↓	\$730,550	\$603,600	↓
Births Registrations (\$13)	\$36,933	\$32,721	↓	\$135,096	\$116,493	↓
Deaths Registrations (\$13)	\$30,355	\$21,203	↓	\$85,514	\$68,237	↓
Convenience Fee (\$2)	\$7,988	\$7,104	↓	\$28,480	\$25,056	↓
Miscellaneous Admin	\$687	\$489	↓	\$2,965	\$1,726	↓
Total Vital Records Revenue	\$432,413	\$339,217	↓	\$1,337,555	\$1,228,012	↓

*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	Sept 2021	Sept 2022		FY 21-22 (Sept)	FY 22-23 (Sept)	
Passport Applications	597	745	↑	1,837	2,201	↑

Revenue	Sept 2021	Sept 2022		FY 21-22 (Sept)	FY 22-23 (Sept)	
Passport Execution/Acceptance fee (\$35)	\$20,895	\$26,075	↑	\$64,295	\$77,035	↑

V. HEALTH CARDS

A. COVID-19 Activities:

1. Perpetual oversight of door screener as ICS is demobilizing, with plans to perpetuate until instructed to cease screening and triage at front door.

B. Food Handling / Health Cards:

1. Appointments
 - a. Consistently adding “next day” appointments at Decatur office every afternoon as space allows. Able to add at least 100 additional spots every workday.

2. Fremont location to open October 2022.
 - a. Facilities will install iPad stands for testing stations.
 - b. Once operational, Fremont appointments to be added on a weekly basis.
 - c. Hours will be Tuesday through Friday, 7:00 am to 5:00 pm.

3. Online Renewals.
 - a. For the month of September, averaging 106 “passing and paying” clients per day.
 - b. Total online renewals for the month of September = 3,181 clients.

4. Total for month: 3,181 online + 6,738 in-person = 9,919 paying clients.

<u>SERVICES</u>	Sep 1 - 30	Aug 1 - 31	Jul 1 - 31	Jun 1 - 30	May 1 - 31
Food Handler Cards - New	2,107	2,663	1,639	1,319	1,359
FH Cards – Renewals	3,266	4,364	4,567	4,913	4,685
FH Cards – Online Renewals	3,181	4,222	1,958	-	-
Duplicates	228	277	167	129	131
CFSM (Manager) Cards	154	195	156	201	146
Re-Tests	876	1,252	891	1,002	880
Body Art Cards	107	86	89	120	84
TOTALS	9,919	13,059	9,467	7,684	7,285

VI. HEALTH EQUITY

- A. The Health Equity program received funding 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-19 community strategies and events.

- B. The Health Equity Program works towards reducing health disparities through increasing organizational capacity and implementing community strategies.
 1. During the month of September, the Health Equity program completed its collaboration with NV Hands and participated in twenty-two (22) Senior Wellness outreach events. Health Educators provided resources and blood pressure screenings to 189 residents.

2. During the month of August, the Health Equity program collaborated with NV Hands and participated in eight (8) of their Senior Wellness outreach events. Health Educators provided resources and blood pressure screenings to residents.
3. During the month of September, the Health Equity program facilitated one (1) health equity training for SNHD staff and hosted a Lunch & Learn event to provide additional programmatic information and resources to SNHD staff. 67 participants attended the event.

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	47	69
NAAT NG/CT	1122	1116
Syphilis	914	862
RPR/RPR Titers	230/84	192/88
Hepatitis Total	869	751
HIV/differentiated	585/10	542/15
HIV RNA	67	51

4. COVID-19 testing:
 - SARS-CoV-2 PCR extraction is currently performed on the KingFisher Flex platform only.
 - SNPHL's goal is to maintain the capacity of 2000 tests /day with a turnaround-time of <48 hours (TAT 2Day- currently at / near goal).
 - For September, the average daily testing was 428 and the average turnaround time was 39 hours days for PCR testing from the collection date to the release the

of the test report. The average laboratory total test for SARS-CoV-2 using Panther Aptima NAAT testing is 1042 tests per week.

- IT created easy patient accession and direct report verification from SNPDL LIMS into SNHD patient report portal
- Incorporate high throughput instruments such as Eppendorf 5073 automation of specimen fluid handling station

A monthly summary of COVID-19 PCR/NAAT testing is listed as follows:

Month	# PCR& NAAT/#POS	COVID	# PCR\$ NAAT/#POS
January	35322/14313	July	14236/1860
February	11532/1407	August	11492/790
March	6890/219	September	8991/410
April	5576/308	October	
May	9130/1165	November	
June	11975/1999	December	

5. Reportable disease reports:

- SNPDL continues to perform routine testing of reportable disease specimens submitted by community stakeholders. Isolates tested are reported to OEDS on a weekly basis to aid in disease investigation, and SNPDL and OEDS coordinate with CDC PulseNet if required.

A monthly summary of reportable diseases tests is listed as follows:

		Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec
Campylobacter	Campy ID	5	1	1	5	1	6	4	4	6			
	Campy Screen	6	2	3	10	3	9	5	9	10			
Neisseria species	Gonorrhoeae Culture	86	61	108	87	61	76	49	47	47			
	Gram Stain/WBC	16	0	0	0	0	0	0	3	0			

	Neisseria ID	4	0	0	0	0	0	0	1	0			
	Haemophilus ID	4	0	3	1	2	4	1	8	1			
Unknown ID	Bacterial ID	3	0	0	0	0	0	0	0	1			
	WGS (PulseNet)	14	16	14	18	21	28	24	21	27			
Salmonella	Salmonella Screen	10	10	11	14	19	10	20	12	24			
	Salmonella Serotype	8	10	11	12	18	10	14	10	21			
Shigella	Shigella Screen	6	1	2	5	2	7	4	5	4			
	Shigella Serotype	5	1	1	1	0	6	3	10	0			
STEC	STEC Screen	7	10	6	10	7	4	4	2	0			
	STEC Serotype	2	10	1	0	2	2	3	2	0			
Unknown	Stool Culture	0	1	19	2	2	0	0	0	0			
Vibrio	Vibrio ID	0	0	0	0	0	0	1	0	0			
	Vibrio Screen	0	0	0	0	0	0	1	3	1			
Yersinia	Yersinia Culture/ID	0	0	1	0	0	0	0	0	0			

B. Epidemiological Testing and Consultation:

1. SNPHL participates in the SNHD Outbreak Investigation Committee and Foodborne Illness Taskforce. Conducted 1 C. botulinum outbreak investigation in September.
2. SNPHL continues to report results of influenza testing to the CDC National Respiratory and Enteric Virus Surveillance System (NREVSS). SNPHL performed September 31st 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.

2022	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec
Select Agent Rule out (total PCR)	0	0	1	0	4	1	0	0	1			

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 21 Whole Genome Sequencing tests (WGS) as part of PulseNet Foodborne Outbreak Surveillance in September 2022.
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 September 2022, SNPHL has sequenced 90 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.

2022	Jan	Feb	Mar	Apl	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Legionella	0	0	4	2	0	14	0	13	1			

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 September, we test a total 653 mosquito pools samples.
11. As part of the Gonococcal Isolation Surveillance Program (GISP) and enhanced GISP (eGISP), in August, a total of 47 clinical isolates, Neisseria gonorrhoeae 47 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-19 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-19 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-19 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. August 2022 SNP HL Activity Highlights:

1. SNP HL has a stable CDC supply of Viral Transport Medium (VTM) used in COVID-19 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 September. 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 new liquid handler, Tecan, has been installed in the laboratory. This instrument will reduce human error and increase the capacity of the process the COVIS whole genome sequencing. The field person from the company is installing the script for us till the end of August 2022.
4. SNP HL 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 intensive.
5. Laboratory will still perform the SARS-CoV-2 PCR and Whole genome sequencing after demobilizing COVID ICS after the first week of September. Staff will keep filing the ICS 214 form for documenting the COVID grant record.
6. According to the WGS and genomic data analysis, the Omicron variant BA.5 lineage are domain lineage in September, 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. The new SNP HL website provides an electronic order form and automatically populates the demographic information after providers select their facility name. Our NSPHL homepage on the APHL website has also been updated. The Monkeypox testing service also is available in the SNP HL website.
8. Currently our BSL-3 laboratory has detected a total of 39 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:

Monkeypox testing from SNP HL*

	June	July	August	September	Total
Presumptive Positive	1	8	22	8	39
Negative	5	15	44	15	79
Total	6	23	66	23	118
Positive/Total	16.67%	34.78%	33.33%	34.78%	37.97%

F. **COMMUNITY HEALTH – SNP HL – Calendar Year Data**

September Services	2021	2022	
Clinical Testing Services ¹	3394	4535	↑
Epidemiology Services ²	302	383	↑
State Branch Public Health Laboratory Services ³	29669	8914	↓
All-Hazards Preparedness Services ⁴	5	8	↑
Environmental Health Services ⁵	491	653	↑

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-19 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