



Memorandum

Date: June 2, 2022

To: Southern Nevada District Board of Health

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

Subject: Community Health Division Monthly Activity Report – May 2022

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

A. Chronic Disease Prevention Program (CDPP)

Pop Up Produce Markets resumed in April with an added stop at SNHD in addition to the RTC Bonneville Transit Center. The markets offer low-cost, fresh locally and regionally grown produce and help increase access to affordable, healthy food for low-income residents. The markets accept SNAP benefits and issue Double Up Food Buck coupons (DUFB). A marketing campaign was developed to promote the markets and a press release generated several earned media opportunities. CDPP staff developed and provided nutrition education materials during the markets including a recipe book with low-cost recipes. April market numbers:

- \$908 in total sales (25% were SNAP/EBT sales)
- \$85 in DUFB coupons distributed
- 624 lbs. of produce sold

The Slam Dunk Health Program launch wrapped up in April with winning classrooms from each grade being recognized with certificates, pencils, and stickers. Members of the Las Vegas Aces WNBA team made a classroom visit to the grand prize-winning 5th grade class at Ira J. Earl Elementary School on April 29th. In total:

- 1,077 Classes signed up
- 18,880 Students signed up
- 114 CCSD elementary schools with at least one classroom participating

CDPP is providing sponsorship for the Greater Youth Sports Association to support sports opportunities for youth in priority neighborhoods with limited access to sports opportunities. In April, the soccer season kicked off with over 800 youth participating.

CDPP staff completed an in-person DSMES class in April, bringing to 6 the number of DSMES classes offered this grant year. Also in April, the Heinrich YMCA piloted the Healthy Kids Conversation Maps program to kids attending spring break camp the week of April 11-14, 2022. CDPP staff provided training for YMCA camp staff on how to use the Healthy Kids Conversation Maps and the workbooks, facilitator guides and curriculum to the Y to use for activities. CDPP also provided jump ropes for kids who participated in the program. The pilot program was a success with over 25 kids participating. Plans are underway to expand the pilot to summer camp programs next year.

B. Tobacco Control Program (TCP)

In April 2022, UNLV publicly announced the tobacco and smoke-free policy, resulting in more than 25 media coverage opportunities to date. The policy will go into effect on August 15, 2022. Staff attended the April Board of Health meeting at the Southern Nevada Health District, where UNLV's Dr. Shawn Gerstenberger and Max Gakh, JD were named SNHD's 2022 Public Health Heroes for their work supporting UNLV's smoke-free policy adoption.

The Because We Matter initiative has a continued presence in the African American community through media campaigns, outreach events, and collaborations. The expansion of the Because We Matter tobacco prevention website was completed. The culturally competent website provides current and accurate tobacco information to African Americans to prevent smoking initiation, raise awareness on population-specific smoking topics, encourage cessation, and promote the Nevada Quitline.

On April 21st, staff participated in a Reverse Trade show featuring multi-unit housing property management company decision makers as the exhibitors. This event offered an opportunity for staff to directly present the smoke-free housing initiative to key apartment owners and management companies. The event featured more than 15 leading property management companies. Several companies expressed interests in expanding smoke-free housing offerings.

The smoke-free multi-unit housing program was selected as a Promising Practice by the National Association of County and City Health Officials (NACCHO). The application will be featured in the Model Practices Database for other local health departments to review and replicate.

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 April:

1. Findings from 2 focus groups with African American young adults are being analyzed and will supplement the COVID-19 and Flu Vaccination Survey findings to better understand disparities in vaccine uptake among Hispanic/Latinx and African American/Black young adults who are not yet vaccinated or have received a COVID-19 vaccine within the past three months. Plans for a focus group with Hispanic/Latinx young adults are currently being developed.
2. Although no community-level spokespersons were trained by SNHD staff and contractors in April; 209 community-level spokespersons have been trained to date.

3. No community events to distribute information and promote vaccination occurred in April. To date, 52 events have occurred serving 9,756 people.
4. Eleven pop up vaccine clinics were offered in April vaccinating 64 people for COVID-19 and 19 people for flu. A total of 4,912 individuals have been vaccinated to date through these efforts.

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

A. Drug/Device/Protocol Committee (DDP)

The DDP Committee assists the OEMSTS, the Medical Advisory Board (MAB), and the QI Directors Committee in researching, developing, and editing new and existing protocols. Members include volunteer representatives from permitted agencies, receiving hospitals, and individuals involved with the training of EMS professionals.

The DDP continued working on proposed revisions to the Clark County EMS Emergency Medical Care Protocols.

COMMUNITY HEALTH – OEMSTS - Fiscal Year Data

May EMS Statistics	May 2021	May 2022	
Total Certificates Issued	56	74	↑
New Licenses Issued	53	62	↑
Renewal Licenses Issued (recert only)	3	2	↓
Driver Only	15	18	↑
Active Certifications: EMT	753	797	↑
Active Certifications: Advanced EMT	1577	1625	↑
Active Certifications: Paramedic	1741	1818	↑
Active Certifications: RN	64	58	↓

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 COVID-19 pandemic. Many staff remain in SNHD activated ICS.
2. Staff continue to host and attend community meetings virtually with community and hospital partners.
3. Staff are working with internal staff who have been responding to the COVID-19 response as well as external partners to develop an interim action report for SNHD and the region.
4. OPHP is planning a Community Assessment for Public Health Emergency Response (CASPER) to be conducted on June 18th. The CASPER is a door-to-door survey which will be used to identify community opinions and

gaps in services throughout the COVID-19 response to be included in the SNHD after action report.

5. OPHP is continuing to work with the County and the SNHD contractor to develop the regional and SNHD COVID-19 After Action Report.
6. OPHP staff supported the County Multiagency Coordination Center for the Electric Daisy Carnival

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, 19 fit tests completed.

C. Hospital Preparedness Program (HPP)

1. 05 MAY – HPP Liaison, as the Chair, Southern Nevada Healthcare Preparedness Coalition, convened the coalition's monthly meeting providing a platform for healthcare and non-healthcare partners to share information. Updates were provided by jurisdictional emergency management partners, healthcare partners, and a presentation on emergency and risk communications. Also, the budget period four exercise date was announced as January 23, 2023, will be a functional exercise.
2. 09 MAY – HPP Liaison, as the Deputy Planning Section Chief, attended the Integrated Incident Command System Command and General Staff meeting followed by the Tactics Meeting. These meetings discussed next week's operational period resource needs and to coordinate support to the Incident Action Plan.
3. 12 MAY – HPP Liaison attended the University Medical Center's emergency management committee meeting. Information provided to the committee included the dates for the upcoming healthcare coalition meeting in June, Incident Command System training, and the functional exercise in January 2023. Also, HPP Liaison provide an educational overview of the Medical Surge Support Team to the committee meeting providing a common understanding to the group.
4. 17 MAY – HPP Liaison attended the State's COVID-19 Microplanning Session for southern Nevada.
5. 23 MAY – HPP Liaison, as the Deputy Planning Section Chief, attended the Integrated Incident Command System Command and General Staff meeting followed by the Tactics Meeting. These meetings discussed next week's operational period resource needs and to coordinate support to the Incident Action Plan.
6. 25 MAY – HPP Liaison, as the Deputy Planning Section Chief, attended the Planning Meeting for the Incident Command System followed by the Operational Period Brief to the Incident Command System leadership.
7. 31 MAY – HPP Liaison attended the State's COVID-19 Microplanning Session for southern Nevada.

D. Grants and Administration

OPHP staff are supporting SNHD and MACC/MSST COVID-19 response and logistical needs.

E. Medical Reserve Corps (MRC) of Southern Nevada

The MRC coordinator works in conjunction with SNHD and community partners for volunteers needed for the COVID-19 response.

In April, medical volunteers and one nurse supported the COVID-19 vaccination community outreach sites as vaccinator. One volunteer assisted at the SNPHL with test kit assembly and specimen accessioning. One volunteer supported SNHD ODS with Safer Sex Kit assembly. Total “accepted” volunteers stand at about 570. MRC Coordinator recruited, vetted, assigned, deployed, and deactivated volunteers. The MRC Coordinator continues to recruit and deactivate volunteers and participates in COVID-19 planning and operations meetings as available. The MRC also attended monthly NACCHO MRC Workgroup and PPAG meetings. The table below summarizes volunteer hours served in the fourth quarter of this fiscal year.

F. MRC Volunteer Hours FY2022 Q3 COVID-19 Response and Non-Emergency

(Economic impact rates updated April 2022)

Activity	April	May	June
SNHD IMM CLINIC	0		
SNHD COVID-19 VAX OUTREACH	8		
SNPHL	3.25		
SNHD ODS Support	2		
Total Hours	10		
Economic Impact	\$380.12		

IV. VITAL RECORDS

A. Vital Statistics

May 2022 is currently showing an 11% decrease in birth certificate sales in comparison to May 2021. Death certificate sales currently showing stable in comparison to May 2021. SNHD received revenues of \$34,554 for birth registrations, \$22,009 for death registrations; and an additional \$8,279 in miscellaneous fees.

COMMUNITY HEALTH Vital Statistics Program – Fiscal Year Data

Vital Statistics Services	May 2021	May 2022		FY 20-21 (May)	FY 21-22 (May)	
Births Registered	1,904	1,949	↑	22,196	22,790	↑
Deaths Registered	1,614	1,619	↑	22,009	22,482	↑
Fetal Deaths Registered	16	18	↑	240	221	↓

COMMUNITY HEALTH Vital Statistics Program – Fiscal Year Data

Vital Statistics Services	May 2021	May 2022		FY 20-21 (May)	FY 21-22 (May)	
Birth Certificates Sold (walk-in)	11	3	↓	64	247	↑
Birth Certificates Mail	94	130	↑	1,122	1,272	↑
Birth Certificates Online Orders	4,082	3,613	↓	39,061	41,967	↑
Birth Certificates Billed	82	45	↓	1,075	1,046	↓
Birth Certificates Number of Total Sales	4,269	3,791	↓	41,322	44,532	↑
Death Certificates Sold (walk-in)	22	21	↓	79	259	↑
Death Certificates Mail	132	162	↑	1,152	1,533	↑
Death Certificates Online Orders	7,503	7,494	↓	100,072	104,940	↑
Death Certificates Billed	66	37	↓	535	592	↑
Death Certificates Number of Total Sales	7,723	7,714	↓	101,838	107,324	↑

COMMUNITY HEALTH Vital Statistics Program - Fiscal Year Data

Vital Statistics Sales by Source	May 2021	May 2022		FY 20-21 (May)	FY 21-22 (May)	
Birth Certificates Sold Valley View (walk-in)	.3%	.1%	↓	.2%	.6%	↑
Birth Certificates Mail	2.2%	3.4%	↑	2.7%	2.9%	↑
Birth Certificates Online Orders	95.6%	95.3%	↓	94.5%	94.2%	↓
Birth Certificates Billed	1.9%	1.2%	↓	2.6%	2.3%	↓
Death Certificates Sold Valley View (walk-in)	.3%	.3%		.1%	.2%	↑
Death Certificates Mail	1.7%	2.1%	↑	1.1%	1.4%	↑
Death Certificates Online Orders	97.2%	97.1%	↓	98.3%	97.8%	↓
Death Certificates Billed	.9%	.5%	↓	.5%	.6%	↑

COMMUNITY HEALTH Vital Statistics Program – Fiscal Year Data

Revenue	May 2021	May 2022		FY 20-21 (May)	FY 21-22 (May)	
Birth Certificates (\$25)	\$106,725	\$94,775	↓	\$1,033,050	\$1,113,300	↑
Death Certificates (\$25)	\$193,075	\$192,850	↓	\$2,545,950	\$2,683,100	↑
Births Registrations (\$13)	\$41,314	\$34,554	↓	\$412,768	\$421,642	↑
Deaths Registrations (\$13)	\$22,308	\$22,009	↓	\$295,960	\$303,862	↑
Convenience Fee (\$2)	\$8,422	\$7,644	↓	\$82,770	\$90,040	↑
Miscellaneous Admin	\$986	\$635	↓	\$7,971	\$10,139	↑
Total Vital Records Revenue	\$372,830	\$352,467	↓	\$4,378,469	\$4,622,083	↑

NOTE: Totals were not stable as of 6/2/2022 when report submitted. Adjustments for May will reflect on June report.

COMMUNITY HEALTH Passport Program – Fiscal Year Data

B. Passport Services

Passport Services are appointment only. Passport photos remain suspended.

Applications	May 2021	May 2022		FY 20-21 (May)	FY 21-22 (May)	
Passport Applications	590	773	↑	3,544	7,252	↑

Revenue	May 2021	May 2022		FY 20-21 (May)	FY 21-22 (May)	
Passport Execution/Acceptance fee (\$35)	\$20,650	\$27,055	↑	\$124,040	\$253,820	↑

V. HEALTH CARDS

A. Food Handling

1. Appointments
 - a. Deadline of June 30, 2022 has been removed from our Health Card web pages. Instead, the web page indicates that late fees are being waived through December 31, 2022. Clients are encouraged to schedule their appointments through the end of the year.
 - b. Currently, appointment availability runs from mid-October through the end of December.
2. Wynn/Encore
 - a. Processed and issued Health Cards for 748 employees over the three days we were on-site.
 - b. 62 “fails” recorded.
 - c. Although not originally included in the “scope” of the project, several Certified Food Safety Manager (CFSM) Cards were issued for employees with Manager-level certification.
 - d. Also not in “scope,” we accommodated needs such as languages other than English and Spanish as well as literacy issues.
 - e. Several hours of ‘back end’ work included:
 - Printing cards
 - Deleting multiple appointments and records
 - Records to be “merged” by I.T. (8 hours total)
3. MGM Resorts International
 - a. Nine days scheduled for June 2022.
 - b. Update process to minimize or eliminate ‘back end’ work and improve pass rate:
 - E.H. trainer to conduct 15-minute refresher course at each session.
 - Employees to test only; no photo taken or card processing to be done on-site.
 - Employees who pass test will be issued a training certificate.
 - Certificates to be presented at Health District locations on a walk-in basis, no appointment needed.

B. Other Items

1. Switchboard Relocation
 - a. Has been moved to Health Cards area in the former “safe/cash count room.”
 - b. Positive feedback from staff regarding less interruptions from incoming clients and ability to focus on inbound phone calls.
 - c. Staffing gap at front desk filled by temporary worker. Will look at a more permanent solution.

2. East Las Vegas opening delayed until mid-August.
Will add additional appointments in July at Decatur to cover the gap.
3. Staff member transferring to Immunizations. Will begin recruitment to fill position once it has been vacated.

<u>SERVICES</u>	May 1 - 31	Apr 1 - 30	Mar 1 - 31	Feb 1 - 28	Jan 1 - 31	Dec 1 - 31
Food Handler Cards - New	1,359	1,069	1,141	997	1,034	944
Food Handler Cards - Renewals	4,685	3,604	3,666	3,079	3,160	2,848
Duplicates	131	121	173	133	134	144
CFSM (Manager) Cards	146	142	170	145	134	106
Re-Tests	880	535	517	491	525	408
Body Art Cards	84	125	176	159	161	132
TOTALS	7,285	5,596	5,843	5,004	5,148	4,582

<u>REVENUE - Point of Sale</u>	May 1 - 31	Apr 1 - 30	Mar 1 - 31	Feb 1 - 28	Jan 1 - 31	Dec 1 - 31
Food Handler Cards - New	\$27,180.00	\$21,380.00	\$22,820.00	\$19,940.00	\$20,680.00	\$18,880.00
Food Handler Cards - Renewals	\$93,700.00	\$72,080.00	\$73,320.00	\$61,580.00	\$63,200.00	\$56,960.00
Duplicates	\$2,620.00	\$2,420.00	\$3,460.00	\$2,660.00	\$2,680.00	\$2,880.00
CFSM (Manager) Cards	\$2,920.00	\$2,840.00	\$3,400.00	\$2,900.00	\$2,680.00	\$2,120.00
Re-Tests	\$4,400.00	\$2,675.00	\$2,585.00	\$2,455.00	\$2,625.00	\$2,040.00
Body Art Cards	\$1,680.00	\$2,500.00	\$3,520.00	\$3,180.00	\$3,220.00	\$2,640.00
Late Fee	N/A	N/A	N/A	N/A	N/A	N/A
TOTALS	\$132,500.00	\$103,895.00	\$109,105.00	\$92,715.00	\$95,085.00	\$85,520.00

C. COVID-19 Activities

Continued oversight of door screener.

VI. HEALTH EQUITY

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.
2. The program continues to participate in community-based coalitions and workgroups addressing COVID-19 health disparities, testing and vaccination initiatives.

VII. SOUTHERN NEVADA PUBLIC HEALTH LABORATORY (SNPHL)

A. Clinical Testing

SNPHL Supports:

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. Total monthly samples tested are listed in the following table:

Test Name	Monthly Count	Avg Year to Date
GC Cultures	61	81
NAAT NG/CT	1027	1127
Syphilis	858	790
RPR/RPR Titers	204/93	48/83
Hepatitis Total	868	628
HIV/differentiated	560/12	485/12
HIV RNA	39	42

B. COVID-19 Testing

1. SARS-CoV-2 PCR extraction is currently performed on the KingFisher Flex platform only.
2. SNPHL goal is to maintain capacity of 2000 tests/day with a turnaround-time of <48 hours (TAT 2Day- currently at/near goal).
3. For April, the average daily testing was 380 and the average turnaround time was 31 hours days for PCR testing from the collection date to the release the test report. The average laboratory total test for SARS-CoV-2 using Panther Aptima NAAT testing is 427 tests per week.
4. IT created easy patient accession and direct report verification from SNPHL LIMS into SNHD patient report portal.
5. Incorporate high throughput instruments such as Eppendorf 5073 automation of specimen fluid handling station.
6. A monthly summary of COVID-19 PCR/NAAT testing is listed as follows:

Month	# PCR/#POS	COVID-19	# PCR/#POS
January	35322/14313	July	
February	11532/1407	August	
March	6890/219	September	
April	5576/308	October	
May	9130/1165	November	
June		December	

C. Reportable Disease Reports

1. SNPHL continues to perform routine testing of reportable disease specimens submitted to SNPHL. Isolates are reported to OEDS on a weekly basis to aid in disease investigation, and SNPHL and OEDS coordinate with CDC PulseNet if required.
2. 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							
	Campy Screen	6	2	3	10	3							
Neisseria Species	Gonorrhoeae Culture	86	61	108	87	61							
	Gram Stain/WBC	16	0	0	0	0							
	Neisseria ID	4	0	0	0	0							
	Haemophilus ID	4	0	3	1	2							
Unknown ID	Bacterial ID	3	0	0	0	0							
	WGS (PulseNet)	14	16	14	18	21							
Salmonella	Salmonella Screen	10	10	11	14	19							
	Salmonella Serotype	8	10	11	12	18							
Shigella	Shigella Screen	6	1	2	5	2							
	Shigella Serotype	5	1	1	1	0							
SEC	STEC Screen	7	10	6	10	7							
	STEC Serotype	2	10	1	0	2							
Unknown	Stool Culture	0	1	19	2	2							
Vibrio	Vibrio ID	0	0	0	0	0							
	Vibrio Screen	0	0	0	0	0							
Yersinia	Yersinia Culture/ID	0	0	1	0	0							

D. Epidemiological Testing and Consultation

1. SNPHL participates in the SNHD Outbreak Investigation Committee and Foodborne Illness Taskforce. Conducted 1 outbreak investigations in May.
2. SNPHL continues to report results of influenza testing to the CDC National Respiratory and Enteric Virus Surveillance System (NREVSS). SNPHL performed May, 27 respiratory panels on the BioFire.

E. 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							

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 May 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 May 2022, SNPHL has sequenced 387 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	April	May	June	July	Aug	Sep	Oct	Nov	Dec
Legionella	0	0	4	2	0							

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.
11. As part of the Gonococcal Isolation Surveillance Program (GISP) and enhanced GISP (eGISP), in May, a total of 61 clinical isolates, Neisseria gonorrhoeae 61 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.

F. 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 application for long-term care facilities.

G. May 2022 SNPHL Activity Highlights

1. SNPHL has a stable CDC supply of Viral Transport Medium (VTM) used in COVID-19 collection kits.
2. Facility team has placed a temporary office in the back lot for contracted security and has a guard placed on-site 24/7 during construction to monitor lot access and to watch over supplies stored on site. Sean asked the City to allow us temporary use of the empty lot to the west of our facility for construction vehicles parking and their office. The formal laboratory renovation started on May 9, 2022.
3. The NextSeq 2000 whole genome sequencer has been used in SARS-CoV-2 sequencing in the Micro laboratory. The WGS capacity of SARS-

CoV-2 is 192 samples per week. The laboratory is in the process to purchase one liquid handler to handle the COVID-19 samples and reduce human error.

4. PHLIP in full production, passed CDC validation. The test result for NAAT SARS-Cov-2, influenza, Norovirus, MERS, Biofire RP2.1 panel, and respiratory viruses panel will send to CDC through PHILP. Next discussions will involve the procedure for NREVSS validation to get it automated.
5. Laboratory developed a centralized accessioning section consisting of five Lab Assistants (1 LA to be assigned, 2 from the COVID-19 teams, 1 from Immunology, and 1 from Molecular; the Micro LA will help out when free but will not be assigned) handling data entry, courier, sample processing, and sample delivery tasks.
6. According to the WGS and genomic data analysis, the Omicron variant BA.2 lineage are domain lineage in April, for Clark County and State. Our laboratory will keep sequencing the closed contact samples to help ODS to follow up on the investigation. Currently, the lineage BA.1.1 is second only to BA.2 lineage in Clark County.
7. Our laboratory held the hotwash meeting for the Biowatch exercise on Thursday, May 12, 2022, and we followed the action items from the hot wash to send the updated Chain-of-Custody form and revised the sample receiving form.
8. The new and updated SNPHL has been launched in public. This new 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.
9. We sent the reference materials and links for sample collection and packaging to all 8 sentinel laboratories. Discussed with Epi about sample collection and point of contact persons for answering questions of suspected monkeypox patients from hospitals and other clinics.

H. COMMUNITY HEALTH – SNPHL – Calendar Year Data

SNPHL Services	YTD-May 2021	May 2022	
Clinical Testing Services ¹	2786	4608	↑
Epidemiology Services ²	169	724	↑
State Branch Public Health Laboratory Services ³	12268	9648	↓
All-Hazards Preparedness Services ⁴	40	10	↓
Environmental Health Services ⁵	0	0	0

¹ Includes N. Gonorrhoeae culture, GISP isolates, Syphilis, HIV, CT/GC molecular, Gram stain testing, and COVID-19 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.