



Memorandum

Date: August 22, 2024

To: Southern Nevada District Board of Health

From: **Cassius Lockett, PhD**, Deputy District Health Officer-Operations *CL*
Fermin Leguen, MD, MPH, District Health Officer *FL*

Subject: Community Health Division Monthly Activity Report – July 2024

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

A. Chronic Disease Prevention Program (CDPP) Update

The 2024 Move Your Way (MYW) Initiative kicked off in May. Move Your Way promotional and educational materials will be distributed at community events and sponsored pool parties that provide free admission for families during the summer to promote physical activity. In June, the CDPP team participated in four (4) events reaching over 850 people. The Move Your Way initiative will run through Labor Day.

In June, the CDPP's Barbershop Health Outreach Program (BSHOP) hosted Shop Talk: Cut to the Chase on June 27th at Masterpiece Barber School and Salon Talk: A Healthy You is a Beautiful You at The Beauty Spot on June 1st. Shop Talk was an interactive event featuring experts addressing topics specific to men's health including heart disease, mental health, and prostate health. Over 50 men attended Shop Talk. Twelve (12) men received a BP screening/referral, and thirteen (13) men received a referral for mental health services. The event was featured in a new story on Channel 3. Over 30 women attended Salon Talk, which also featured expert panelists addressing topics such as heart disease, mental health, and stress management. Seventeen (17) women received a BP screening/referral at Salon Talk. The salon owner is also planning a follow up activity addressing stress management and physical activity through yoga.

CDPP staff provided three (3) in-person DSMES classes in June, two (2) classes in English and one (1) class in Spanish. Two (2) classes were offered at the Arthur Sartini Senior Housing Complex and one (1) class was offered at SNHD. A total of 38 people attended at least one (1) class and 26 (68%) completed both classes.

The CDPP sponsored a free, evidence-based Diabetes Prevention Program (DPP) class for the community. The DPP class was facilitated by our partner, AAA Healthcare Institute and held at Nevada Partners. The class began in fall 2023 and wrapped up in June 2024 (maintenance is ongoing). In total, fourteen (14) participants registered for the class and eleven (11) completed the course. Of those that completed the course, 73% reduced their weight and increased their physical activity. 36% of completers reduced their A1c to within goal range (5.1% - 6.7%) and significantly reduced their risk of developing type 2 diabetes. CDPP is sponsoring another community DPP class which began at the end of June.

CDPP sponsored a free, community Self-Monitoring Blood Pressure Program (SMBPP) at the Durango YMCA. The class began in March with 25 participants and ended in June. The class was offered in English and Spanish. 21 people completed the course (84%). Of those that completed the course, 62% were able to lower their BP from elevated, stage 2, or stage 1 to the normal range and 10% were able to lower their BP but not to the normal range yet.

Our CDPP staff participated in a walk audit for the Nellis Air Force Base Transportation Study being developed by The Regional Transportation Commission (RTC). RTC is conducting walk audits in the study area with community members and stakeholders. The purpose of the study is to make streets safer and make the community a more welcoming, accessible and inclusive place to walk and bike. The results from the walk audits and the Nellis Transportation Study will also be used to inform the transportation assessment activity included in our REACH grant.

B. Tobacco Control Program (TCP) Update

The SNHD TCP's African American initiative titled Because We Matter, partnered with twelve (12) local churches for No Menthol May. No Menthol May is an opportunity to engage local faith leaders to help improve community health and reduce disparities related to tobacco use. Approximately 85% of African American adults who smoke use menthol cigarettes. Staff provided educational materials, including social media ads, videos, handouts, branded promotional items, and the Nevada Tobacco Quitline cessation information. These resources aim to raise community awareness about population-specific tobacco issues, flavoring in tobacco products, the risks of menthol tobacco products, tobacco marketing, and the harm to African Americans. Staff engaged the community, distributed educational and promotional materials, and presented on No Menthol May topics during outreach activities.

Because We Matter partnered with the 2024 Jazz in the Park Festival to offer performances every Saturday May 11th - June 8th. Staff provided educational materials on tobacco-related topics, including vaping, flavoring, and menthol, and promoted the Nevada Tobacco Quitline to attendees at all five (5) events. These events are smoke and vape-free. A total of three (3) events occurred in May with over 4,000 people in attendance.

The TCP is collaborating with statewide partners to conduct tobacco purchase assessments in tobacco retail settings statewide. These tobacco purchase assessments assess a retailer's adherence to Nevada's tobacco laws including ID verification. Additionally, tobacco retailers will be given a Tobacco Retailer toolkit to educate them on how to be a Responsible Retailer. The surveys began on April 1st, with 600 stores completed in Southern Nevada through the end of May.

The TCP’s Hispanic/Latinx initiative, Por Mi Por Ti Por Nosotros, Viva Saludable partnered with the Mexican Patriotic Committee’s annual Cinco de Mayo event; CCSD’s Mariachi competition, and Latinas in Power (LIP) painting event to promote tobacco-free lifestyles and cessation resources. Nearly 4,000 individuals attended the events.

The SNHD Tobacco Control Program's Native Hawaiian/ Pacific Islander initiative, Island eNVy, is partnered with the fourth Annual May Day event in Las Vegas on May 5th. This family friendly event was smoke and vape-free with over 450 in attendance.

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

A. OEMSTS – July 2023 / 2024 Data

EMS Statistics	July 2023	July 2024	
Total certificates issued:	84	96	↑
New licenses issued:	73	86	↑
Renewal licenses issued (recert only):	0	1	↑
Driver Only:	30	48	↑
Active Certifications: EMT:	909	926	↑
Active Certifications: Advanced EMT:	1777	1950	↑
Active Certifications: Paramedic:	1973	2109	↑
Active Certifications: RN:	64	64	=

III. OFFICE OF PUBLIC HEALTH PREPAREDNESS (OPHP)

A. Planning and Preparedness

1. Staff continued collaborating with Clark County and a software developer on an Impacted Persons Database. They are currently working through the legal implications of providing patient data to Resiliency Center for extension of services.
2. OPHP continued to review and revise plans, threat response guides, and both internal and external training.
3. OPHP Supervisor presented on responder mental health concerns after a disaster/incident and the Impacted Persons Database at the National Homeland Security Conference in Miami Beach, FL.
4. Planner I continued to draft the Administrative Preparedness Annex.
5. Planners continue to review and revise the CHEMPACK, Nuclear and Radiation, Administrative Preparedness, Mass Care Support, and Highly Infectious Disease plans.

They met with Human Resources to discuss procurement, payroll, contracts, and personnel needs for preparedness annex.

6. Planner continued to update Threat Response Guides (TRGs) for Anthrax, Plague, Tularemia, Botulism, and Viral Hemorrhagic Fever (VHF). The VHF TRG was sent to subject matter experts within the district for review. All TRGs will have a Public Information and Warning component added to complete PHEP grant requirement.
7. Assistance was provided to the revisions of the COVID AAR.
8. Planners continue to update the Nevada Continuity tool in order to streamline the process of generating a usable Continuity of Operations Plan (COOP).
9. Fifty SNHD employees were fit tested for personal protective equipment.
10. Planner I met with ThrivePoint Academy leadership to provide review of their EOP and recommend improvements based on Nevada DOE EOP Checklist.
11. Planners collaborated with OOC to begin concept and objectives for Biological Game in (tentative) January 2025.
12. Planner I was accepted as a reviewer for Project Public Health Ready 2024 review cycle.
13. Planner I participated in State of Nevada Department of Education EOP Working Group. (ongoing).
14. Planner I coordinated automation of emergency notification system updates with IT and Human Resources.
15. Received and processed requests for HPP grant funding of emergency response equipment (City of NLV FD, Mountain View Hospital, Summerlin Hospital).
16. Senior Planner continued to review *Aedes aegypti* Invasive Mosquito Plan and Community Reception Center Plan. Planner I began complete rewrite of Emergency Operations Basic Plan.

B. Training, Exercises and Public Health Workforce Development:

1. Trainers continue to develop Position Specific Task Books and related training curricula. Finance Section Chief training was provided on July 31st for six emergency personnel staff. Second offering of PST for Incident Commander, Safety Officer, PIO and Liaison Officer scheduled for August 8th.
2. New Hire Orientation for Emergency Preparedness and Security was provided on July 17th for fourteen new employees. CPR Training was not provided in July.
3. Senior Planner and Planner I continue to coordinate with Environmental Health, SNPHL, and EPA on full scale exercise to be conducted in August.
4. Planner I completed COOP After Action Report and held After Action Report Meeting.
5. Planner I attended DSLR PHEP NOFO & Exercise Supplemental Guidance Seminar.
6. Planner I have begun planning efforts for the Extreme Heat Seminar planned for March 2025.

C. Southern Nevada Healthcare Preparedness Coalition (SNHPC)

1. Trainer confirmed UMC Hospital for First Receiver Decontamination Training on August 14th. Currently working with Mountain View Tenaya Hospital for additional training date in Q4 of this calendar year.
2. Our Trainer continues to support Hospital Radiation training offered at UMC Hospital on September 17th. Flyers were distributed to SNHPC hospital contacts.
3. The trainer is coordinated TEEX Medical Preparedness & Response to Bombing Incidents at North Las Vegas OEM February 26th - 27th. TEEX Medical Management of CBRNE Events and Radiological Training for Hospital Personnel tentatively planned for September or October 2025, location TBD.
4. Twenty Hospital Area Command bags for standalone emergency departments assembled. Training for standalone ED staff coordinated with the Fire Department.
5. Planners and Clinical Advisor have begun drafting the Patient Movement and Resource Management Annexes.
6. Planners and Clinical Advisor continue to promote Evacuated training being held August 12th and 13th.

D. Fusion Center Public Health Analyst:

1. Coordinated production and distribution of monthly joint fusion center public health bulletin.
2. Disseminated public health information between SNHD and the Southern Nevada Counter Terrorism Center (SNCTC).
3. Provided public health input on threat assessment projects.
4. Reviewed special events for public health concerns.
5. Developed appropriate connections to increase communication between SNHD, SNCTC and its partner organizations.

E. Grants and Administration:

1. OPHP is awaiting Notice of Sub-Awards for FY 2025 and no cost extensions from FY 2024.
2. Hired a new Senior Administrative Assistant who will start on August 5th.

F. Medical Reserve Corps (MRC) of Southern Nevada:

1. MRC Coordinator planned training and activities for upcoming months, sent out newsletters, and continues to recruit and deactivate volunteers. Volunteer Management Plan was updated and submitted for approval.

2. MRC Coordinator attended Nevada Academy of Family Physicians Summer CME conference exhibit hall to distribute public health materials and recruit volunteers.
3. MRC Volunteers served at SNHD Main and East clinics to help with back-to-school rush, printing vaccine records and offering general help.

MRC Volunteer Hours FY2025 Q1

(Economic impact rates updated April 2024):

Activity	July	August	September
Training			
Community Event			
SNHD Clinic	35.5		
Total Hours	35.5		
Economic impact	\$1,215.40		

IV. VITAL RECORDS

- A. July 2024 is showing a 22% decrease in birth certificate sales compared to July 2023. Death certificate sales currently showing a 21% increase in comparison to July 2023. SNHD received revenues of \$29,993 for birth registrations, \$24,531 for death registrations; and an additional \$7,804 in miscellaneous fees.

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

Vital Statistics Services	July 2023	July 2024		FY 22-23 (July)	FY 23-24 (July)	
Births Registered	1,813	1,853	↑	1,813	1,853	↑
Deaths Registered	1,351	1,896	↑	1,351	1,896	↑
Fetal Deaths Registered	16	17	↑	16	17	↑

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

Vital Statistics Services	July 2023	July 2024		FY 22-23 (July)	FY 23-24 (July)	
Birth Certificates Sold (walk-in)	42	13	↓	42	13	↓
Birth Certificates Mail	162	130	↓	162	130	↓
Birth Certificates Online Orders	4,262	3,276	↓	4,262	3,276	↓
Birth Certificates Billed	130	140	↑	130	140	↑
Birth Certificates Number of Total Sales	4,596	3,559	↓	4,596	3,559	↓
Death Certificates Sold (walk-in)	17	7	↓	17	7	↓
Death Certificates Mail	186	188	↑	186	188	↑
Death Certificates Online Orders	6,664	8,124	↑	6,664	8,124	↑

Death Certificates Billed	41	55	↑	41	55	↑
Death Certificates Number of Total Sales	6,908	8,374	↑	6,908	8,374	↑

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

Vital Statistics Sales by Source	July 2023	July 2024		FY 22-23 (July)	FY 23-24 (July)	
Birth Certificates Sold Valley View (walk-in)	.9%	.4%	↓	.9%	.4%	↓
Birth Certificates Mail	3.5%	3.7%	↑	3.5%	3.7%	↑
Birth Certificates Online Orders	92.7%	92%	↓	92.7%	92%	↓
Birth Certificates Billed	2.8%	3.9%	↑	2.8%	3.9%	↑
Death Certificates Sold Valley View (walk-in)	.2%	.1%	↓	.2%	.1%	↓
Death Certificates Mail	2.7%	2.2%	↓	2.7%	2.2%	↓
Death Certificates Online Orders	96.5%	97%	↑	96.5%	97%	↑
Death Certificates Billed	.6%	.7%	↑	.6%	.7%	↑

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

Revenue	July 2023	July 2024		FY 22-23 (July)	FY 23-24 (July)	
Birth Certificates (\$25)	\$114,900	\$88,975	↓	\$114,900	\$88,975	↓
Death Certificates (\$25)	\$172,700	\$209,350	↑	\$172,700	\$209,350	↑
Births Registrations (\$13)	\$38,636	\$29,993	↓	\$38,636	\$29,993	↓
Deaths Registrations (\$13)	\$20,098	\$24,531	↑	\$20,098	\$24,531	↑
Convenience Fee (\$2)	\$8,454	\$7,036	↓	\$8,454	\$7,036	↓
Miscellaneous Admin	\$553	\$768	↑	\$553	\$768	↑
Total Vital Records Revenue	\$355,341	\$360,653	↑	\$355,341	\$360,653	↑

COMMUNITY HEALTH Passport Program – Fiscal Year Data

B. PASSPORT SERVICES – Passport Services is appointment only.

Applications	July 2023	July 2024		FY 22-23 (July)	FY 23-24 (July)	
Passport Applications	750	694	↓	750	694	↓
Revenue	July 2023	July 2024		FY 22-23 (July)	FY 23-24 (July)	
Passport Execution/Acceptance fee (\$35)	\$26,250	\$24,290	↓	\$26,250	\$24,290	↓

V. HEALTH EQUITY

- A. The Health Equity program received a No Cost Extension from the CDC COVID-19 Disparities Grant. This extension aims to enhance infrastructure support for COVID-19 prevention and control among underserved populations at higher risk.
 - 1. The program maintains collaborations with SNHD programs and grant subrecipients to plan and coordinate COVID-19 community strategies and events.
- B. The Health Equity Program works toward reducing health disparities through increasing organizational capacity and implementing community strategies.
- C. The Health Equity Program works towards establishing community partnerships and collaborations to increase the capacity of communities to address health disparities.
 - 1. The program continues to collaborate with Al Maun and Golden Rainbow to increase the capacity of the community to address health disparities through their diabetes prevention and Management program and a food distribution program to address food insecurities.

VI. SOUTHERN NEVADA PUBLIC HEALTH LABORATORY (SNPHL)

A. Clinical Testing:

- 1. SNHD Nursing Division:
 - a. Molecular and microbiology culture.
 - b. Sexually Transmitted Disease (STD) testing.
- 2. SNHD STD Department:
 - a. Participates in the CDC Gonococcal Isolate Surveillance Project (GISP) and the enhanced Gonococcal Isolate Surveillance Project (eGISP).
 - b. SNPHL performs NAAT and culture testing of *N. gonorrhoeae* isolates and submits them to a reference laboratory for the determination of antibiotic susceptibility patterns.
 - c. SNPHL has joined eGISP Part B to expand culture-independent testing for antimicrobial resistance genes of gonococcal isolates.
- 3. The total monthly samples tested are listed in the table below:

Test Name	Monthly Count	Avg Year to Date
GC Cultures	39	46
NAAT NG/CT	1415	1252

Syphilis	777	876
RPR/RPR Titers	125/45	154/69
Hepatitis Total	1504	1208
HIV/differentiated	672/12	645/19
HIV RNA	113	98

4. COVID testing:

- Performed SARS-CoV-2 PCR extraction on the KingFisher Flex platform exclusively.
- SNPHL maintains a capacity of 2000 tests/day with a turnaround-time of <48 hours (current TAT two-day currently at / near goal).
- For July, the average daily testing volume was 71 with an average turnaround time of 29 hours from collection date to release of the report.
- IT created easy patient accession and direct report verification from SNPHL LIMS into SNHD patient report portal.
- Incorporate high throughput instruments such as Eppendorf 5073 automation of specimen fluid handling station.
- Molecular laboratory will add Tecan instrument after installing the updated script for the SARS-CoV-2 WGS procedure. The Tecan contract is subject to review by our contract office due to the unresolved problems.

Monthly summary of COVID PCR/NAAT testing:

Month	# PCR & NAAT/#POS	COVID	# PCR & NAAT/#POS
January	1,144/148	July	716/166
February	1,160/77	August	
March	680/42	September	
April	204/18	October	
May	115/17	November	
June	365/77	December	

5. Reportable disease reports:

- SNPHL 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 SNPHL 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	Total
Campylobacter	Campy ID	5	5	2	6	4	2	2						26
	Campy Screen	11	17	3	15	5	3	4						58
Neisseria species	Gonorrhoeae Culture	48	85	47	41	24	36	39						320
	Gram Stain/WBC	0	5	0	0	5	0	0						10
	Neisseria ID	0	0	0	0	1	1	1						3
	Haemophilus ID	7	0	2	1	0	0	0						10
Unknown ID	Bacterial ID	0	0	0	0	0	1	12						13
	WGS (PulseNet)	27	24	16	30	24	19	20						160
Salmonella	Salmonella Screen	14	10	12	19	12	15	14						96
	Salmonella Serotype	13	10	12	16	14	12	11						88
Shigella	Shigella Screen	10	10	4	10	6	3	3						46
	Shigella Serotype	7	10	2	3	5	3	2						32
STEC	STEC Screen	10	2	2	4	1	4	3						26
	STEC Serotype	1	1	1	0	1	2	1						7
Unknown	Stool Culture	5	6	2	0	6	0	0						19
Vibrio	Vibrio ID	0	0	1	0	0	0	0						1
	Vibrio Screen	0	0	1	3	0	1	0						5
Yersinia	Yersinia Culture/ID	1	2	1	0	0	0	0						4

B. Epidemiological Testing and Consultation:

1. SNPHL participates in the SNHD Outbreak Investigation Committee and Foodborne Illness Taskforce. There were zero cases for GI outbreak investigation in July.

2. SNPHL continues to report results of influenza testing to the CDC National Respiratory and Enteric Virus Surveillance System (NREVSS). In July, SNPHL performed 31 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.

2024	Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec
Select Agent Rule out (total PCR)	0	0	1	1	2	0	0					

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 20 Whole Genome Sequencing tests (WGS) as part of PulseNet Foodborne Outbreak Surveillance in July 2024.
5. SNPHL uses Bruker MALDI-TOF instrument for streamlined screening of bacterial isolates. A total # of 207 bacterial organisms have been identified in July.
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 July 2024, SNPHL has sequenced 195 SARS-CoV-2-positive RNA extracts.

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.

2024	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Legionella	29	6	13	11	58	96	75					

10. SNPHL provides vector testing for Environmental Services, Viral testing for Zika, West Nile, Western Equine Encephalitis, and Saint Louis encephalitis. Our facility hosted a CDC demonstration for the Vector team. In June, we tested a total of 527 mosquito pool samples. There were 116 positive WNV mosquito pool samples identified in July. Environmental Health released the test result to the public after we informed the test result to them.
11. As part of the Gonococcal Isolation Surveillance Program (GISP) and enhanced GISP (eGISP), in July, a total of 21 clinical isolates, Neisseria gonorrhoeae eight (8) isolates and Neisseria meningitidis two (2) isolate, 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. Perpetual Biosafety Training and guidance to SNPHL personnel.

E. July 2024 SNPHL Activity Highlights:

1. SNPHL has a stable CDC supply of Viral Transport Medium (VTM) used in COVID collection kits.
2. Passed the proficiency test with CAP HIV-NB 2024 Clinical Lab 100% graded. July 17th: CAP Viral Markers (VM1, VM5)-B Clinical Lab 100% July 17th.
3. The clinical health laboratory purchased three (3) instruments for clinical testing to enhance the community health service. SNPHL received the urine analysis and Hematology instruments. The validation for both instruments is being performed right now. The contract for clinical chemistry instruments is under development in the Contract Office.
4. The Board of Health has approved the petition to purchase double-door autoclave and it will take six (6) months to deliver the double door autoclave to SNPHL.
5. According to the WGS and genomic data analysis, the Omicron variant JN. 1.1., lineages are domain lineages are domain lineages in July, 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.
6. According to the data of influenza surveillance in this flu season, the A/H3 and A/H1 and B/Victoria are major subtypes of influenza and the percentage of ratio between three (3) subtypes are 47%, 29%, and 24%, respectively.
7. SNPHL participates in the CDC Avian Flu surveillance project by sending the testing guidance and specimen collection procedure to the local hospitals through HAN system. Any ICU patient with influenza A positive must send the specimen to our laboratory to do influenza subtyping in order to rule out avian influenza. There was no suspect avian flu sample received in the lab in July.
8. The new design may focus on building BSL-3 and Micro lab in the 2nd floor and leave semi shell for the first floor. It anticipates completing this design in two to three weeks.
9. SNPHL will start to add Dengue PCR testing for Mosquito samples on the week of July 8th.
10. Outreach, the new electronic ordering system, formally GOLIVE on Wednesday, May 8th. We discussed with IT at Sunrise Hospital to establish Outreach electronic communication ordering and report tool on Friday, July 26th.

F. COMMUNITY HEALTH – SNPHL – Calendar Year Data

June SNPHL Services	2023	2024	
Clinical Testing Services ¹	4,448	5,587	↑
Epidemiology Services ²	1,445	592	↓
State Branch Public Health Laboratory Services ³	174	0	↓
All-Hazards Preparedness Services ⁴	6	6	
Environmental Health Services ⁵	0	602	↑

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.