Memorandum

Date: November 20, 2025

To: Southern Nevada District Board of Health

From: **Xavier Gonzales, PhD,** *Community Health Director*
Cassius Lockett, PhD, *District Health Officer*

Subject: Community Health Division Monthly Activity Report – October 2025

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

A. Chronic Disease Prevention Program (CDPP)

Fall **Pop-Up Produce Stands** at the Regional Transportation Commission's Bonneville Transit Center started in September. Nearly 100 lbs. of produce was sold in September, and over 45% of transactions were SNAP sales. The pop-up stands offer fresh, low-cost fruits and vegetables to help increase access to healthy foods for those with financial and transportation barriers. Additional pop-ups are scheduled for October, November, and December.

The CDPP partnered with ten (10) members of our Partners for a Healthy Nevada (PHN) coalition to raise awareness of the 5210 guidelines during **Childhood Obesity Awareness Month** in September. Partners distributed 5210 materials and education at community events, programs, and activities during September. Communication toolkits in English and Spanish were shared with all coalition partners and CDPP ran a social media campaign to raise awareness. CDPP sponsored and participated in the Healthy Kids Festival and continued to service requests for 5210 materials submitted through our 5210 Shop Page with seven (7) new providers requesting materials in September.

CDPP staff provided two (2) in-person **Diabetes Self-Management Education and Support (DSMES)** classes during September in English and Spanish, reaching 20 participants. A media campaign and press release in September helped increase awareness of our DSMES class schedule leading to a media interview and 25 new sign-ups on our DSMES class interest list.

Our CDPP Diabetes Self-Management & Prevention Program was selected as one (1) of twenty-five (25) awardees to receive **mini-grant for materials from The American Diabetes Association**

to support ongoing DSMES classes and allow access to the ADA Diabetes Support Forum to our DSMES class participants.

Team CDPP staff and partners conducted a **blood pressure screening** at Johnston Middle School back to school event. There were twenty-four (24) people screened and the team provided education and referral as necessary. A Health and Wellness Guide was developed to provide at screenings to help connect people to community resources for food, housing, and healthcare.

The **2025 Move Your Way Summer** initiative wrapped up in September. Over the course of the summer, the CDPP team and partners participated in eighteen (18) community events at local pools or recreation centers reaching 4,400 people. Separately, program partners also participated in fourteen (14) events and activities in the Hispanic community reaching an additional 5,150 people. The Move Your Way initiative provides education and free access to local pools and water activities to increase opportunities for physical activity during the summer months.

B. **Tobacco Control Program (TCP) Update**

TCP staff participated in the Be the Light in the Darkness **Youth Conference** hosted by Al-Maun Mosque (Neighborly Needs) of Las Vegas. Educational materials were distributed to address tobacco flavoring and vaping disparities among youth in priority populations disproportionately affected by tobacco use. The event reached 48 youth and 24 young adults.

Staff worked with Nevada State University to continue to promote their **tobacco-free campus policy**. This includes assisting in campus cessation promotion. In September, SNHD's Director of Community Health, Dr. Xavier Gonzales, and SNHD's Tobacco Control Program Coordinator, Malcolm Ahlo, attended the Nevada State University Breathe with Ease event to celebrate the adoption of a comprehensive tobacco-free campus policy. SNHD was presented with a certificate for supporting the passage of the policy, with Dr. Gonzales delivering opening remarks for the event.

This month, staff launched a new **youth-focused educational tobacco initiative** on social media to increase awareness about the dangers of experimentation with tobacco products, including e-cigarettes and other emerging tobacco products.

Our staff partnered with NVHAND to support the **Senior Wellness event** held on September 5th at the YMCA. Staff shared information on the benefits of smoke-free housing and provided cessation resources to encourage healthy and active living. Staff also had the opportunity to speak in front of residents to promote the smoke-free housing initiative. Over 250 seniors attended the event.

A total of **128 worksites** throughout Clark County have expanded their smoke-free policy from October 2024 through September 2025. Expansion of policy includes limiting smoking and vaping in locations excluded from the Nevada Clean Indoor Air Act and limiting tobacco use in outdoor

areas near entrances and exits of buildings. During the same timeframe, **19 multi-unit housing properties consisting of 186 buildings and 4,267 units** have expanded or implemented a new smoke-free policy**.**

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

The OEMSTS plays a vital role in maintaining a responsive, well-trained, and integrated EMS and trauma system that serves the diverse needs of Southern Nevada's population.

A. October Meetings

Education Committee

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

This Committee worked on the education component for the obstetric protocols.

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 Committee discussed the certification/licensure/scope of practice for the newly-approved Emergency Medical Responder level of certification.

Medical Advisory Board (MAB)

The primary mission of the MAB is to support the Health Officer's role to ensure quality patient care within the EMS system by making recommendations and assisting in the ongoing design, operation, and evaluation of the EMS system from initial patient access to definitive patient care. The members include: 1) One medical director of each firefighting/franchised agency; 2) One operational director of each firefighting/franchised agency; 3) Chairman of the Regional Trauma Advisory Board; and 4) An employee of the District whose duties relate to the administration and enforcement of EMS Regulations as an ex-officio member.

The Board heard reports from the Education, Drug/Device/Protocol, and Quality Improvement Directors sub-committees.

Regional Trauma Advisory Board (RTAB)

The RTAB is an advisory board with the primary purpose of supporting the Health Officer's role to ensure a high-quality system of patient care for the victims of trauma within Clark County and the

surrounding areas. The RTAB makes recommendations, and assists in the ongoing design, operation, and evaluation of the system from initial patient access to definitive patient care.

The Board approved the re-authorization applications from Sunrise Hospital as a Level II Trauma Center & St Rose Siena Hospital as a Level III Trauma Center. The Board reviewed the 1st & 2nd Quarters 2025 trauma transport data, as well as discussed E-Scooter/E-Bike statistical patient data

B. OEMSTS – October 2024 / 2025 Data

October EMS Statistics	Oct 2024	Oct 2025		Mo. Fiscal Average 2024-2025
Total certificates issued	89	142	↑	244
New licenses issued	83	8	↓	86
Renewal licenses issued (recert only)	7	0	↓	135
Driver Only	47	64	↑	57
Active Certifications: EMT	858	1,144	↑	958
Active Certifications: Advanced EMT	1,882	1,898	↑	1,889
Active Certifications: Paramedic	2,069	2,250	↑	2,182
Active Certifications: RN	66	86	↑	80

III. OFFICE OF PUBLIC HEALTH PREPAREDNESS (OPHP)

A. Planning and Preparedness

Ongoing/Continuing Activities

(Emergency Planning & Preparedness)

1. Continued review and revision of:
   a) Nuclear/Radiation
   b) Administrative Preparedness
   c) SNHD Basic EOP and Direction and Control Annexes
   d) BioWatch
   e) Recovery Annex
2. SNHD Continuity of Operations Plan
   a) A COOP working group comprised of staff from each office that will oversee regular updates to the approved plan. The group meets quarterly, and the next meeting will be in January.
   b) BioWatch Plan under review considering elimination in federal funding to support local operations and local impacts to future emergency management and preparedness operations.

c) OPHP planners are continuing development of a Recovery Annex based on lessons learned from real world events and exercises.
d) Planners are serving as co-chairs for Access to Care working group as part of Community Health improvement Plan Steering Committee.

3. State and Local Community Working Group meetings and OPHP Participation
   a) Monthly State of Nevada Division of Public and Behavioral Health Public Health Preparedness Strategic Plan Subcommittees (Required Activity under federal grants)
      i. Resources & Supply Chain Work Group
      ii. Health Equity Work Group
   b) Other Community Partner Meetings, Drills, and Exercises
      i. Local Emergency Planning Committee (LEPC) at Station 18
      ii. Extreme Heat Transportation Access to Parks (TAP) Discussion hosted by RTC.
      iii. Planners attended All-In Henderson Implementation Blueprints to mitigate Extreme Heat effects.
      iv. Weekend-MACC Operational Briefing to discuss potential issues over October 18th – 19th weekend.
4. Monthly SNHD Meetings
   a) Central Safety Committee
   b) Joint Labor Management Committee
   c) Policy Committee (Manager)
   d) Institutional Review Committee
   e) Community Health Improvement Plan Steering Committee
      i. Funding and Access to Care Working Group

B. Training, Exercises, and Public Health Workforce Development

Ongoing/Continuing Activities

1. Perpetual support for the City of Las Vegas ICS 300/400 training schedule. ICS 400 was provided October 15th – 16th to eight (8) students for the City of Henderson.
2. A CPR course and skills training scheduled for October 8th – 9th were cancelled due to insufficient registration.
3. The next New Hire Orientation will be held in November.

Upcoming Training and Exercise Events

1. Trainers scheduled an Introduction to Radiological/Nuclear WMD Operations AWR-140 for November 4th, in the SNHD Red Rock Conference room.

C. Southern Nevada Healthcare Preparedness Coalition (SNHPC)

Ongoing/Continuing Activities

1. Manger, Senior Planner, Trainer, and Southern Nevada Healthcare Preparedness Coalition Clinical Advisor continue planning and supporting the National Disaster Medical System-Federal Coordination Center Full Scale Exercise in November 2025, which has been impacted due to the continuing government shutdown.

2. Trainers and Clinical Advisor conducted an updated HERT course on October 1st at Henderson Hospitals for 26 staff from Henderson, Valley and West Henderson Hospitals.
3. Our trainers conducted a HERT practical training at Henderson Hospital on October 2nd for eight (8) staff.
4. SNHPC held its monthly meeting. Supervisor, Senior Planners, and Planners attended.
5. Clinical Advisor, Sr. Planner, and Planner conducted Hospital Area Command Full Scale Exercises in coordination with Fire Departments at Mountain View Hospital, North Vista Hospital, UMC, Valley Hospital, Spring Valley Hospital, Southern Hills Hospital, Sunrise Hospital, St. Rose Siena Hospital, West Henderson Hospital, St. Rose San Martin Hospital, St. Rose De Lima Hospital, Centennial Hills Hospital, and Summerlin Hospital from October 8th - 21st.
6. Senior Planner supported the 5th Annual CAER Exercise in Henderson, on October 23rd.
7. Our Senior Planner supported the LAS In-Person & Virtual Tabletop Exercise (TTX) – IS Cybersecurity Tabletop Exercise on October 23rd.
8. The Trainers attended the Region 1 Instructor meeting on October 14th with Nevada OEM Training Officer.

New/Upcoming Activities

1. Senior Planner continue planning and coordination for Radiation/Community Reception Center workshop scheduled for February 2026.
2. Ongoing planning for Pediatric Disaster Response and Emergency Management and Medical Management of Chemical, Biological, Nuclear and Explosive (CBRNE) Events courses in 2026.
3. An introduction to Radiological/Nuclear WMD Operations AWR-140 course at SNHD on November 4th was opened up to SNHPC members for registration.

D. PHP Technician and N-95 Fit Testing

f) Fifty-three SNHD Employees were FIT tested for personal protective equipment during the month of October.

E. Fusion Center Public Health Analyst

Ongoing/Continuing Activities

1. Disseminated public health Information between SNHD and the Southern Nevada Counter Terrorism Center (SNCTC) in October.
2. Provided public health input for threat assessments on special events of local significance.
3. Continuance to provide weekly verbal public health briefings during SNCTC collaboration meetings.
4. Participation in weekly counter terrorism analytic group (CTAG) meetings.
5. Our analyst continues to develop appropriate connections to increase communication between SNHD, SNCTC and its partner organizations.
6. Collaborating with five (5) surrounding fusion centers on areas of public health concern for production of monthly joint public health bulletins.

F. Grants and Administration

Ongoing/Continuing Activities

1. The manager continues to monitor grant renewal applications and budgets for FY 2026 with the State of Nevada Division of Public and Behavioral Health.
2. OPHP staff continue to adjust federal and state requested modifications to budget and scope of work plan activities for cooperative agreements Continued budget and scope modifications for cooperative agreements.
3. Our manager continues to represent Community Health Division management on various SNHD working group committees.
4. The OPHP Manager continues to represent Community Health Division management on various SNHD working group committees.
5. Staff updated State on Preparedness Planning, Operations, Exercises, Training and Evaluation (POETE) working group.

New/Upcoming Activities

G. Medical Reserve Corps (MRC) of Southern Nevada

Ongoing/Continuing Activities

1. MRC Coordinator attended the SNHPC meeting, VOAD meeting, planned training and activities for upcoming months, sent out newsletters, and continued to recruit and deactivate volunteers.
2. MRC Volunteers provided health and preparedness information at community health fairs sponsored by Assemblywoman Monroe Moreno and the Nevada Office of Minority Health and Equity at Craig Ranch Park and the Clark County Employee Health Fair.
3. Volunteers provided a first aid station at the Walk a Mile in My Shoes fundraiser for the Las Vegas Rescue Mission. No injuries were reported. The Mission raised over $90,000.

MRC Volunteer Hours FY2026 Q1
(Economic impact rates updated April 2025):

Activity	October	November	December
Training			
Community Event	32.50		
SNHD Clinic			
Emergency Deployment			
Total Hours	**32.50**		
Economic Impact	**$1,318.53**		
FY2025 Total Hours	**5.00**		
FY2025 Economic Impact	**$167.45**		

Source: Department of Labor Economic Value Calculator for medical volunteers. For general volunteer help, which is most of the time, the Independent Sector calculates the value of volunteer time and publishes it each year.

IV. VITAL RECORDS

A. October is currently showing an **8% decrease in birth certificate** sales in comparison to October 2024. **Death certificate** sales is currently showing a **14% decrease** in comparison to October 2024. SNHD received revenues of $29,874 for birth registrations, $20,085 for death registrations; and an additional $7,274 in miscellaneous fees.

COMMUNITY HEALTH Vital Statistics Program – Fiscal Year Data

Vital Statistics Services	Oct 2024	Oct 2025		Yr Average 10/2024-10/2025
Births Registered	2,367	1,716	↓	2,035
Deaths Registered	1,876	1,535	↓	1,784
Fetal Deaths Registered	13	9	↓	15

COMMUNITY HEALTH Vital Statistics Program – Fiscal Year Data

Vital Statistics Services	Oct 2024	Oct 2025		Yr Average 10/2024-10/2025
Birth Certificates Sold (walk-in)	6	0	↓	11
Birth Certificates Mail	108	83	↓	115
Birth Certificates Online Orders	3,544	3,318	↓	3,902
Birth Certificates Billed	140	104	↓	108
Birth Certificates Number of Total Sales	3,798	3,505	↓	4,138
Death Certificates Sold (walk-in)	14	10	↓	19
Death Certificates Mail	133	102	↓	151
Death Certificates Online Orders	8,114	6,937	↓	7,760
Death Certificates Billed	36	64	↑	44
Death Certificates Number of Total Sales	8,297	7,113	↓	7,975

COMMUNITY HEALTH Vital Statistics Program – Fiscal Year Data

Revenue	Oct 2024	Oct 2025		Yr Average 10/2024-10/2025
Birth Certificates ($25)	$94,950	$87,625	↓	$103,438
Death Certificates ($25)	$207,425	$177,825	↓	$199,380
Births Registrations ($13)	$31,824	$29,874	↓	$34,774
Deaths Registrations ($13)	$23,582	$20,085	↓	$22,824
Convenience Fee ($2)	$7,240	$6,806	↓	$7854
Miscellaneous Admin	$690	$468	↓	$655
Total Vital Records Revenue	$365,711	$322,683	↓	$368,925

COMMUNITY HEALTH Passport Program – Fiscal Year Data

B. PASSPORT SERVICES – Passport Services is appointment only.

Applications	Oct 2024	Oct 2025		Yr Average 10/2024-10/2025
Passport Applications	651	551	↓	755
Revenue	**Oct 2024**	**Oct 2025**		**Yr Average 10/2024-10/2025**
Passport Execution/Acceptance fee ($35)	$22,785	$19,285	↓	$26,422

V. HEALTH EQUITY

Health Equity Program – October Highlights

The Health Equity Program continues to strengthen community partnerships and collaborations aimed at increasing the capacity of local communities to address health disparities.

Key Activities in October:

1. **Youth Advisory Board Council Launch**
   A. On October 1st, and 15th, SNHD's youth advisory council **SPARK** (Students Promoting Awareness, Responsibility & Knowledge) completed their third and fourth meeting. The focus of these meetings included leadership development and presentations on the Federally Qualified Health Center and Behavioral Health program.
2. **End Alzheimer's Walk**
   A. On October 18th, the Health Equity program was tabled at the End Alzheimer's Walk and provided information and SNHD resources to over 85 participants. In addition, the Health Equity program and SNHD staff participated in the walk and helped raise $1,325.
3. **Durango High School Presentation**
   A. On October 21st, the Health Equity Coordinator conducted a presentation on Public Health and Health Equity at the Durango High School student group, Medical Society Club.

VI. SOUTHERN NEVADA PUBLIC HEALTH LABORATORY (SNPHL)

A. Clinical Testing: Key Updates

1. SNHD Nursing Division Support

SNPHL provides laboratory services to the SNHD Nursing Division, including:

a) Molecular and microbiological culture testing
b) Sexually Transmitted Disease (STD) diagnostics

2. STD Surveillance and Testing

SNPHL collaborates with the SNHD STD Department in the following activities:

a) Participation in the CDC's Gonococcal Isolate Surveillance Project (GISP) and the enhanced GISP (eGISP).
b) Performing NAAT and culture testing for *Neisseria gonorrhoeae* isolates, which are submitted to reference laboratories for antimicrobial susceptibility testing.
c) Participation in eGISP Part B to expand culture-independent testing for antimicrobial resistance genes in gonococcal isolates.
d) A detailed breakdown of monthly sample volumes provided on the accompanying table:

Test Name	Monthly Count	Avg Year to Date
GC Cultures	12	32
NAAT NG/CT	1527	1569
Syphilis	591	752
RPR/RPR Titers	104/42	124/43
Hepatitis Total	2006	2392
HIV/differentiated	585/13	694/20
HIV RNA	118	121

3. COVID-19 Testing Operations

a) SARS-CoV-2 PCR testing is performed exclusively on the KingFisher Flex platform exclusively.
b) SNPHL maintains a testing capacity of 2,000 tests per day, with a turnaround time (TAT) of less than 48 hours.
c) In October, the average daily testing volume was five (5) samples, with an average TAT of 48 hours from collection to report release.
d) IT enhancements include streamlined patient accession and direct report verification from SNPHL's Laboratory Information Management System (LIMS) into the SNHD patient portal.
e) High-throughput automation has been incorporated, including the Eppendorf 5073 specimen fluid handling station.

A detailed summary of COVID-19 testing volumes and performance metrics provided in the accompanying table:

Month	# PCR & NAAT/#POS	Month	# PCR & NAAT/#POS
January	471/74	July	280/58
February	656/55	August	156/83
March	630/22	September	146/57
April	195/22	October	121/29
May	141/9	November	-------
June	190/43	December	-------

4. Reportable Disease Testing

a) SNPHL continues routine testing of reportable disease specimens submitted by community stakeholders.
b) A monthly summary of reportable disease testing provided on the accompanying table:

		Jan	Feb	Mar	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Total
Campylobacter	Campy ID	9	4	3	2	2	5	6	4	7	7			49
	Campy Screen	12	8	4	3	6	10	8	6	8	10			75
Neisseria species	Gonorrhoeae Culture	33	32	47	48	30	33	21	35	33	12			324
	Gram Stain/WBC	0	5	0	0	0	5	0	0	5	0			15
	Neisseria ID	2	0	0	0	0	0	0	0	2	0			4
	Haemophilus ID	0	0	0	0	1	0	0	0	0	0			1
Unknown ID	Bacterial ID	6	0	8	0	2	0	14	0	0	0			30
	WGS (PulseNet)	14	12	20	14	26	25	33	21	24	35			224
Salmonella	Salmonella Screen	3	6	14	13	11	10	18	14	14	18			121

	Salmonella Serotype	3	7	13	13	9	8	17	10	14	14			108
Shigella	Shigella Screen	2	5	3	6	4	0	4	3	7	4			38
	Shigella Serotype	2	4	3	0	1	1	3	3	4	3			24
STEC	STEC Screen	0	3	3	1	5	4	3	4	4	1			28
	STEC Serotype	0	0	1	0	1	1	2	3	4	3			15
Unknown	Stool Culture	1	5	1	4	5	5	0	1	7	0			29
Vibrio	Vibrio ID	0	0	0	1	0	3	0	0	0	0			4
	Vibrio Screen	1	0	0	3	0	5	1	1	1	1			13
Yersinia	Yersinia Culture/ID	1	0	0	2	2	1	0	0	1	0			7

B. <u>Epidemiological Testing and Consultation</u> - Key Updates:

1. **Outbreak Investigation Committee Participation**
   SNPHL actively participates in the SNHD Outbreak Investigation Committee and the Foodborne Illness Taskforce. There were no gastrointestinal (GI) outbreak samples were received for investigation in October.
2. **Influenza Surveillance Reporting**
   SNPHL continues to report influenza testing results to the CDC's National Respiratory and Enteric Virus Surveillance System (NREVSS). In October, SNPHL performed nineteen (19) respiratory panel tests using the BioFire platform.

C. <u>Emergency response and reportable disease isolate testing</u> report - Key Activities and Capabilities:

1. **Reportable Disease Isolate Testing and Confirmation**
   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. **Whole Genome Sequencing (WGS) Validation**
   SNPHL is clinically validated to use 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.

3. **PulseNet Surveillance**
   In October 2025, SNPHL performed 35 WGS tests as part of the PulseNet Foodborne Outbreak Surveillance program.

4. **Bacterial Isolate Screening**
   Using the Bruker MALDI-TOF instrument, SNPHL identified 178 bacterial organisms in October, streamlining the screening process for bacterial isolates.

5. **SARS-CoV-2 Sequencing**
   SNPHL is validated for sequencing SARS-CoV-2 and variants of concern, through the identification of lineages and clades.

   a) Current capacity: up to 96 SARS-CoV-2-positive RNA extracts per week
   b) October 2025: 12 SARS-CoV-2-positive RNA extracts sequenced.

6. **Legionella Surveillance**
   SNPHL collaborates with Environmental Health and Veritas Labs for Legionella surveillance. Monthly isolate counts for 2025 are as follows:

2025	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Legionella	3	22	0	26	62	45	33	22	61	46		

7. **Vector-Borne Disease Testing**
   SNPHL provides viral testing for Zika, West Nile Virus (WNV), Western Equine Encephalitis, and Saint Louis Encephalitis.

   a) October 2025: 448 mosquito pool samples tested.
   b) Fourteen (14) WNV-positive mosquito pool identified.
   c) Results were communicated to Environmental Health and subsequently released to the public.

8. **Gonococcal Isolation Surveillance Program (GISP/eGISP)**
   In October, SNPHL collected 12 clinical isolates:

   a) *Neisseria gonorrhoeae*: five (5) isolates
   b) *Neisseria meningitidis*: zero (0) isolate
      These will be sent to regional labs or the CDC for antimicrobial susceptibility testing (AST). Remnant NAATs or *N. gonorrhoeae* samples will be submitted to the CDC for molecular-based AST under eGISP Part B.

9. **C. auris PCR Screening**
   SNPHL performed 1,102 Real-Time PCR screenings for *Candida auris* in October 2025.

D. All-Hazards Preparedness:

1. **Coordination with First Responder Training**
   SNPHL collaborates on training and exercises with first responder agencies including the Civil Support Team, HazMat units, the Federal Bureau of Investigation (FBI), and the Las Vegas Metropolitan Police Department.
2. **Laboratory Packaging and Shipping Guidance**
   SNPHL offers guidance to local laboratorians on CDC protocols for packaging and shipping infectious substances, including chain of custody procedures.
3. **Onsite Training for Long-Term Care Facilities**
   SNPHL provided onsite training for long-term care facilities on the use of COVID-19 online ordering applications.
4. **Monkeypox Biosafety Guidance**
   Biosafety guidance was supplied to sentinel sites in response to Monkeypox surveillance and containment efforts.
5. **Vaccination Support for Laboratory Staff**
   SNPHL facilitated Monkeypox and bivalent COVID-19 booster vaccinations for laboratory personnel.
6. **Ongoing Biosafety Training for SNPHL Staff**
   The laboratory continues to provide perpetual biosafety training and updated guidance to SNPHL personnel.
7. **Training After Equipment Upgrade**
   SNPHL will provide training for all BSL-3 staff after installing the double door autoclave and fixing the leaking problem in October 2025.

E. October 2025 SNPHL Activity Highlights:

1. **COVID-19 Testing Supplies and Reagent Forecast**
   SNPHL has maintained a consistent supply of Viral Transport Medium (VTM) for COVID-19 collection kits, even following the cessation of ELC COVID funding.
2. **Proficiency Testing Performance**
   SNPHL achieved 100% proficiency across a wide range of tests, including:

   a) CAP VM-C Viral Markers (VM1, VM5)
   b) LN15-B Hemoglobin Automated Diff Series

3. **Facility Infrastructure and Equipment Calibration**
   Phoenix Controls completed system integration adjustments for the installation of the onsite monitor computer and network connection on the 2nd floor. This enables facility staff and Sunbelt Control employees to manage and modify the airflow, pressure, and temperature remotely or onsite.
4. **Genomic Surveillance – SARS-CoV-2**
   WGS and genomic data analysis indicate that the Omicron variant XFG lineage was the dominant strain among samples received in October. SNPHL will continue sequencing close-

contact samples to support ongoing investigations by the Office of Disease Surveillance (ODS).

5. **Influenza Surveillance**
   Early data from the new influenza season show that A/H3, A/H1, and B/Victoria are the predominant subtypes of influenza.
6. **Avian Influenza Surveillance**
   SNPHL participates in the CDC's Avian Influenza Surveillance Project by distributing testing guidance and specimen collection procedures to local hospitals via the Health Alert Network (HAN). Any ICU patients testing positive for Influenza A are required to submit specimens for subtyping to rule out avian influenza. No suspect avian flu samples were received in October.
7. **Facility Expansion Planning**
   Phase I of the new facility design may focus on constructing BSL-3 and microbiology laboratories on the 2nd floor, with a semi-shell layout planned for the 1st floor.
8. **Expanded Clinical Testing Services**
   New test offerings in clinical chemistry, hematology, and urinalysis have formally opened for service for FQHC and DPP division. The SNPHL website of test menu has have been updated and added those new additional tests.

F. **COMMUNITY HEALTH – SNPHL – Calendar Year Data**

October SNPHL Services	2024	2025	
Clinical Testing Services [1]	6,886	5,615	↓
Epidemiology Services [2]	412	294	↓
State Branch Public Health Laboratory Services[3]	0	0	=
All-Hazards Preparedness Services [4]	7	5	↓
Environmental Health Services [5]	389	485	↑

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

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

[3] Includes COVD 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.