



# Memorandum

**Date:** September 27, 2018

**To:** Southern Nevada District Board of Health

**From:** Michael Johnson, PhD, *Director of Community Health* *M.J.*  
Joseph P Iser, MD, DrPH, MSc, *Chief Health Officer* *J.P.I.*

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**Subject:** Community Health Division Monthly Report

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

### 1. Tobacco Control Program (TCP):

Staff is providing ongoing technical assistance and developing materials to support implementation of a tobacco-free higher education campus at UNLV. On 7/9/18, staff presented the tobacco-free policy to the full UNLV Student Senate. The Senate voted to pass the policy and the next step will be to move the policy to the UNLV Policy Committee. Staff will work with UNLV to promote tobacco-free campus policy implementation in advance of the policy using best practice guidance. Staff worked with UNLV Student government and Health and Wellness leadership to assure that onsite cessation services will be available.

The Southern Nevada Regional Housing Authority (SNRHA) implemented HUD smoke-free rules in July at 20 conventional public housing properties, six senior developments four elderly disabled developments and ten family sites totaling 2,651 units and 5,400 residents. The SNRHA provides housing to 28,841 individuals through its Section 8 housing program. Unfortunately, HUD rules exempted Section 8 housing. SNHD staff provided technical assistance including signage, educational material templates, and translations to the SNRHA in advance of policy implementation. Additionally, ALA staff has provided educational presentations at several SNRHA resident meetings and health fairs.

### 2. Chronic Disease Prevention Program (CDPP):

Staff met with the UNLV Student Senate Health Committee Chair to discuss healthy vending and healthy food access on campus. The results from both the campus-wide survey and vending machine nutritional analysis were presented and discussed. A follow-up meeting with Aramark and First Class Vending was held and a tentative plan for a healthy vending initiative was agreed upon which includes three 100% healthy snack vending machines (student union, library, and wellness center) and raising the threshold of items meeting nutrition standards in other machines to 35%. The nutrition standards align with First Class Vending's "Well Within Reach" guidelines. Staff worked with UNLV CSUN representatives to draft a "Healthy Vending Resolution" that supports healthy vending on campus. The resolution was unanimously approved by the UNLV CSUN Senate on 7/2/18. Staff is now working with the UNLV Office of the Vice President of Student Affairs on a press release and promotion plan to launch and support the initiative.

The Healthy Headlines e-newsletter was distributed in July. The newsletter promotes OCDPHP programs and resources to address and prevent chronic disease as well as those of our partners. The newsletter is distributed to online program participants, coalition members and other stakeholders. In July, the newsletter was sent to over 8,000 people.

Staff was on the agenda of the Regional Transportation Commission of Southern Nevada (RTC) July Board meeting to provide a presentation on several of the SNHD-led or supported efforts to improve walk and bike-ability in Southern Nevada including complete streets, regional trail signage policies, updating the Regional Bike and Pedestrian Plan and Safe Routes to Schools programs. Staff will provide a similar presentation at the August Southern Nevada Strong Advisory Committee meeting.

Between May and July, staff developed and/or contributed to 7 stand-alone grants or developed workplans, budgets and narratives for inclusion in state applications. In total, these grants, if funded, would provide approximately \$1.7 million in funding annually for the OCDPHP to support physical activity, nutrition and tobacco control efforts. To date, two of the applications have been confirmed and the other 5 are still pending.

### 3. Injury Prevention Program (IPP):

Staff was interviewed for Spanish radio and newspaper about the Drowning Prevention campaign and its reach in the Hispanic community. The drowning prevention campaign will continue to run through early September in both English and Spanish.

Staff provided a lead prevention and educational presentation to the Vision y Compromiso promotoras leader who provided a presentation at the TCMI church. Staff was on hand to assist with the presentation. Direct education was provided to 20 people and over 200 educational materials, coloring books and kids' booklets were distributed.

Staff also provided 200 lead materials in English and Spanish to the REACH Ventanilla de Salud staff, the West Charleston Library and KCEP to distribute at community events.

## II. OFFICE OF EPIDEMIOLOGY AND DISEASE SURVEILLANCE (OEDS)

### 1. Surveillance and Investigations:

#### Community Health -- OEDS – Fiscal Year Data

Morbidity Surveillance	Aug	Aug		FY17-18	FY18-19	
	2017	2018		(Jul- June)	(Jul- June)	
Chlamydia	1,208	1,261	↑	2,273	2,441	↑
Gonorrhea	439	505	↑	839	977	↑
Primary Syphilis	20	10	↓	38	35	↓
Secondary Syphilis	33	26	↓	62	45	↓
Early Non-Primary, Non-Secondary <sup>1</sup>	41	36	↓	74	75	↑
Syphilis Unknown Duration or Late <sup>2</sup>	47	19	↓	68	60	↓
Congenital Syphilis (presumptive)	1	1	→	2	2	→
New Active TB Cases Counted - Pediatric	0	0	→	0	0	→
Number of TB Active Cases Counted - Adult	8	2	↓	16	6	↓

1 Early Non-Primary, Non-primary, Non-Secondary=CDC changed the case definition from early Latent Syphilis to Early Non-Primary, Non-Secondary

2 Syphilis Unknown Duration or Late=CDC changed the case definition from Late Latent Syphilis to Syphilis Unknown Duration or Late

**Community Health -- OEDS – Fiscal Year Data**

	Aug 2017	Aug 2018		FY17-18 (Jul-June)	FY18-19 (Jul-June)	
<b>Moms and Babies Surveillance</b>						
HIV Pregnant Cases	3	3	→	9	8	↓
Syphilis Pregnant Cases	4	11	↑	11	21	↑
Perinatally Exposed to HIV	2	4	↑	5	6	↑

**Community Health -- OEDS – Monthly Data**

Monthly DIIS Investigations CT/GC/Syphilis/HIV	Contacts	Clusters <sup>1</sup>	Reactors/ Symptomatic/ X-ray <sup>2</sup>	OOJ /FUP <sup>3</sup>
Chlamydia	78	2	37	0
Gonorrhea	39	1	34	0
Syphilis	113	7	113	1
HIV/AIDS (New to Care/Returning to Care)	23	0	56	19
Tuberculosis	22	0	26	0
<b>TOTAL</b>	<b>275</b>	<b>10</b>	<b>266</b>	<b>20</b>

**2. Prevention-Community Outreach/Provider Outreach and Education:**

International Overdose Awareness Day is a global event held August 31 each year. It is dedicated to remembrance, awareness, education and action that will help eliminate overdose deaths. On August 31, and throughout the month, you can help raise awareness, memorialize a lost loved one, inspire change and save lives. This year the Southern Nevada Harm Reduction Alliance held an event at the Chuck Minker Sports complex. Below are some of the highlights.

- Over 125 people in attendance
- 24 vendors; Agencies from prevention, treatment, recovery, harm reduction, LGBTQ services, State of Nevada, mental health, law, recovery yoga, medical, homeless services.
- Testimonials by a representative from Representative Dina Titus's office, a first responder and a survivor of both opioid and stimulant overdose.

1 Clusters= Investigations initiated on named clusters (clusters= named contacts who are not sex or needle sharing partners to the index patient)  
2 Reactors/Symptomatic/X-Ray= Investigations initiated from positive labs, reported symptoms or chest X-Ray referrals  
3 OOJ= Investigations initiated Out of Jurisdiction reactors/partners/clusters; FUP= Investigations initiated to follow up on previous reactors, partners, or clusters

- SNHD trained 85 in overdose prevention while providing 200 overdose prevention kits w/Narcan, the opioid overdose reversal medication.
- Candlelight vigil to finalize the evening and remembrance.

Press coverage by television, print and radio; prior to and during the event; Las Vegas NOW channel 8, FOX channel 5, El Tiempo, Review Journal, Radio KXNT-AM/FM.

OEDS participated in -

**A. High Impact Screening Sites (HIV, STD, Hepatitis):**

- a. Mondays – Thursdays: The Center - LGBTQ Community of Nevada – Rapid HIV - Target population - MSM, transgender.
- b. Wednesdays - Trac-B Exchange - Rapid HIV and Hepatitis C testing - target population IDU.
- c. 08/17 - In collaboration with AHF Mobile Testing Unit and SNHD - Shade Tree - Rapid HIV and Syphilis testing - Target population-women.
- d. 08/24 - In collaboration with AHF Mobile Testing Unit and SNHD - NV Partnership for Homeless Youth - Rapid HIV and Syphilis testing - Target population youth, homeless.
- e. 08/27 - In collaboration with AHF Mobile Testing Unit, HELP of Southern Nevada, and Trac-B Exchange - multiple street outreaches in the community - Rapid HIV, Rapid Hepatitis C testing - target population-homeless, those who inject drugs.

**B. Staff Facilitated/Attended Training/Presentations**

- a. 08/09 - Dr. Cheryl Radloff gave a Presentation to UMC Wellness Support Group for positive women on “HIV, Feminism, and Activism”. 4 people were in attendance.
- b. 8/15- 8/16 - Disease Surveillance Supervisor attended and subsequently was certified in ICS-300: Intermediate Incident Command System for Expanding Incidents.
- c. 8/13 - HIV Prevention Planning Group meeting at Southern Nevada Health District. Members in attendance included: Southern Nevada Health District, SNHD Teen Pregnancy Prevention Group, the Gay and Lesbian Center of Southern Nevada, Huntridge Family Clinic, Community Counseling Center of Southern Nevada, and the Nevada Division of Public and Behavioral Health.
- d. 8/13 – 8/17 - SNHD OEDS staff attended a week-long training course; *Passport to Partner Services* which is a national curriculum developed by CDC’s Division of HIV/AIDS Prevention and Division of STD Prevention, in collaboration with the National Network of STD/HIV Prevention Training Centers (NNPTC) – Partner Services and Program Support Centers. Launched in April of 2013, *Passport* provides training for disease intervention specialists (DIS) and other partner services providers including medical providers.
- e. 08/14 - OEDS Staff attended the Southern Nevada Maternal and Child Coalition Networking Event to discuss the Congenital Syphilis academic detailing campaign that will go live Fall/Winter 2018.



- f. 8/15 – 8/16 - Nevada Childhood Lead Poisoning Prevention Program (NvCLPPP) held a strategic planning session for outreach activities and was hosted at UNLV. Two OEDS staff attended.
- g. 8/15 – 8/16 – One staff person attended ICS 300: Incident Command System for Expanding Incidents training.
- h. 8/27-8/30 - Three OEDS staff attended the 2018 STD Conference in Washington DC.

**Community Health -- OEDS – Fiscal Year Data**

	Aug 2017	Aug 2018		FY17-18 (Jul- June)	FY18-19 (Jul- June)	
Prevention - SNHD HIV Testing						
Outreach/Targeted Testing	823	366	↓	1,469	810	↓
Clinic Screening (SHC/FPC/TB)	859	442	↓	1,613	1,021	↓
Outreach Screening (Jails, SAPTA)	168	59	↓	227	241	↑
<b>TOTAL</b>	<b>1,850</b>	<b>867</b>	<b>↓</b>	<b>3,309</b>	<b>2,072</b>	<b>↓</b>
Outreach/Targeted Testing POSITIVE				10	19	↑
Clinic Screening (SHC/FPC/TB) POSITIVE				11	8	↓
Outreach Screening (Jails, SAPTA) POSITIVE				5	3	↓
<b>TOTAL POSITIVES</b>				<b>26</b>	<b>30</b>	<b>↑</b>

**3. Disease and Outbreak Investigations**

**A. Disease reports and updates:**

- a. **Global Zika Virus Outbreak:** Vector borne transmission is occurring in 84 countries and territories. Current travel information about Zika virus spread is at <http://wwwnc.cdc.gov/travel/page/zika-travel-information>. There have been 34 Zika virus disease cases reported with illness onset in 2018 in the U.S; all were travelers returning from affected areas. There have been 74 cases of Zika virus disease reported in U.S. territories. The CDC has updated their guidance for healthcare providers and the public regarding sexual transmission as well as screening and testing for exposed pregnant females. The OEDS has posted the CDC's algorithms to the SNHD website and sent out a HAN notice to providers informing them of the changes to testing recommendations. To date in 2018, the OEDS has arranged testing for 6 individuals with possible exposure to Zika virus. We continue to develop Zika virus investigation protocols and procedures for identification and testing individuals for Zika virus infection. We have developed a one-hour presentation for health care providers about Zika virus as updates come from the CDC. The presentation has been approved for one hour of AMA Category 1CME and is offered online through our website located at <https://www.southernnevadahealthdistrict.org/health-care-providers/training.php>.
- b. **Arbovirus Update:** There has been only one reported human case of West Nile Virus and that person was visiting from CA so did not acquire the illness here. No response from SNHD was done. Mosquito surveillance is ongoing in Clark County. The Southern Nevada Public Health Lab (SNPHL) reported the first arbovirus positive mosquitoes of the year. Only one mosquito submission pool of

50 *Culex erythrothorax* in the 89122 zip code have been positive for West Nile Virus.

- c. ***Legionnaires' Disease Investigation:*** On July 11, 2018, OEDS initiated an investigation of a Legionnaires' disease outbreak associated with Harrah's Laughlin Hotel and Casino. In June OEDS, was notified that two confirmed cases within the last twelve months had stayed at that facility. OEDS worked with Environmental Health (EH), and an environmental assessment was conducted, and water samples were taken for testing. *Legionella* bacteria was detected in the water samples and reported to SNHD on 07/11/2018. EH worked with the facility to ensure remediation of the water systems and follow up testing indicated that the contamination had been resolved. Notifications have been sent to all guests that may have been exposed and the survey is currently activated on SNHD's website for anyone reporting illness. This investigation has been closed as of 08/31/2018. Data analysis and a final report is in progress.
- d. ***Norovirus Outbreak at a Local Pizzeria:*** : On August 10, 2018, OEDS received multiple complaints of gastrointestinal illness in a family that visited a local pizzeria. OEDS previously received one complaint on July 30. Environmental Health conducted an inspection of the facility and found multiple instances of food safety violations. Two ill individuals agreed to provide samples for testing. One sample returned positive for Norovirus GI. No other complaints were received. This investigation has been closed.

**B. Other:**

- a. OEDS provided statistics on heat-related death for the July 5 SNHD press release, reminding the public who is at risk and how to prevent heat-related illness and death. July is consistently the most dangerous month. Using death certificate data, OEDS reported 123 heat-related deaths among Clark County residents in 2017, an increase from 78 deaths in 2016.

- C. Communicable Disease Statistics:** July 2018 disease statistics are attached. (see table 1)

**III. OFFICE OF PUBLIC HEALTH INFORMATICS (OPHI)**

1. Continue to enhance Trisano disease surveillance system.
2. Work continues on the new Southern Nevada Public Health Laboratory (SNPHL) Laboratory Information Management System (LIMS) system.to interoperate with other internal and external systems. Informatics is also assisting with the changes that need to be made to the LIMS to accommodate new instruments and testing offered by the Clinical Laboratory.
3. Assisting SNPHL with data extraction and reporting needed for the laboratory.
4. Migrations to the new SNHD SFTP server continued.
5. Assisting with the implementation of the Electronic Health Record (EHR) system.
6. Completed the Mountain Edge hospital ELR HL2.5.1 migration.
7. Assisting the Office of Epidemiology and Disease Surveillance (OEDS), Office of EMS/Trauma System, and Clinic Services with various data requests, data exports, and report generation.
8. Work continues on the iCircle web application for OEDS, and transmission of HIV testing data to CDC.
9. Continue to enhance Trisano and Electronic Message Staging Area (EMSA) systems.
10. We are working with the State to migrate STD data into the State NEDSS Base System (NBS).

11. We developed a software application and worked with the CDC for the Syringe Exchange Vending Machine Project.
12. Developed an online dashboard for childhood lead poisoning prevention project.
13. Assisted the CDC to provide a webinar for all Clark county users regarding the National Healthcare Safety Network (NHSN) data sharing agreement between CDC and SNHD.
14. Completed the 2018 CDC ELC subgrant Q4 report.
15. Received the 2019 CDC ELC subgrant from the State and working on the grant budget revision.
16. Completed supplement childhood lead poisoning prevention grant application with UNLV and OEDS.
17. Completed the 2019 syndromic surveillance subgrant application and sent a grant budget to the State.
18. Attended the 2018 Public Health Informatics (PHI) conference.

#### **IV. OFFICE OF EMERGENCY MEDICAL SERVICES & TRAUMA SYSTEM (OEMSTS)**

##### **1. August Meetings:**

##### **A. Drug/Device/Protocol Committee (DPP)**

The DPP 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 continued its annual review of the Emergency Medical Care Protocols.

##### **B. 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 reviewed and approved the protocol changes developed by the Drug/Device/Protocol Committee. Further changes will be reviewed as they are completed.

**COMMUNITY HEALTH – OEMSTS - Fiscal Year Data**

EMS Statistics	Aug 2017	aug 2018		FY17-	FY18-	
				18 (July- June)	19 (July- June)	
Total certificates issued	21	19*	↓	56	37*	↓
New licenses issued	32	22*	↓	63	42*	↓
Renewal licenses issued (recert only)	0	0	→	0	0	→
Active Certifications: EMT	577	512*	↓			
Active Certifications: Advanced EMT	1317	1399*	↑			
Active Certifications: Paramedic	1280	1557*	↑			
Active Certifications: RN	38	48*	↑			

\*The Office of Emergency Medical Services and Trauma System is currently transitioning to a new software system, so all certification and licensure counts are approximate

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

**1. Planning and Preparedness:**

- A. OPHP staff hosted a WebEX with members of the Southern Nevada Healthcare Preparedness Coalition (SNHPC) sub-committee on development of the Essential Elements Information to include the SNHPC Response Plan. OPHP also participated in the Clark County Office of Emergency Management’s Mass Casualty Incident Plan revision.
- B. OPHP Sr. Planner presented at the Arizona Emergency Services Association Conference in Scottsdale, AZ and the Indiana Healthcare Strategic Communications Summit in Columbus, Indiana on the 1 October Mass Casualty Incident.
- C. OPHP met with Sunrise Hospital’s new Director of Public Safety and Security, Sage Creek Rehab and the Heights of Summerlin to discuss the interaction of SNHD OPHP and their emergency management program and committee; participation with SNHPC, the Center for Medicare and Medicaid Services Emergency Preparedness Conditions of Participations for exercises and support for emergency operations plan and policies.
- D. OPHP staff participated in the State Division of Public and Behavioral Health site visit for PHEP, HPP, and Ebola grants discussing EOY grant status, progress report and the grant deliverables.
- E. OPHP staff attended a planning meeting for the McCarran Triennial Airport Exercise that will take place September 13<sup>th</sup> and we will be testing patient tracking components; OPHP staff conducted an Active Shooter Tabletop Exercise at the Life Care Center of South Las Vegas, an SNHPC partner. The exercise provided the organization to work through their active shooter policy, discuss actions to take when the shooter starts his activity, the process of run, hide, and fight, actions to take when police arrive, and how to recover.



- F. OPHP continues to conduct the monthly Incident Command Team, Directors, Managers and Supervisors call-down notifications. Call-down drills are deliverables required by CRI grant to ensure public health staff readiness to respond to a disaster. This monthly test of the system ensures that District staff contact information is current in the event a notification to all SNHD staff is needed to be able to respond to public health threat.
- G. OPHP staff continue to work with the Southern Nevada Counterterrorism Center to provide public health updates and alerts of local, national, and global interest.
- H. OPHP staff continue to participate in the monthly Southern Nevada Healthcare Preparedness Coalition, Homeland Security Urban Area Security Initiative, Local Emergency Preparedness Committee, Southern Nevada Adult Mental Health Coalition and individual hospital emergency management committee meetings. The Ebola and Zika preparedness planning and grant deliverable activities remain a priority even though the grant for Zika has ended.
- I. OPHP staff continue to participate in Accreditation activities and Domain working groups to support SNHD.

## **2. PHP Training and PH Workforce Development:**

- A. OPHP Education and Training: OPHP Training Officers continue to conduct new employee Emergency Preparedness Training, Intro to OPHP departmental presentations, co-instruct Regional Decon Training for SNHPC partners, conduct CPR and First Aid courses at the Health District; conduct Dr. Bluebird training as well as monitor SNHD staff compliance with completion of required ICS courses.
- B. Incident Command Department Operations Center training was provided to SNHD staff in June.
- C. Radiological Hospital training was provided July 17, 18 and 19 for Southern Nevada Hospital Preparedness Committee members.

3. **Employee Health Nurse:** 27 staff received respirator fit testing; 3 received annual TB testing; 13 staff received vaccinations and performed 1 Bloodborne Pathogens classroom trainings. The annual updates of the Exposure Control and Respiratory Protection Plans are in progress.

## **4. Grants and Administration:**

- A. OPHP has closed out the grants from Budget Period 1. SNHD is awaiting the new sub-grants from the State for the BP1 Supplemental Agreement. SNHD has received authority to spend up to 25% of the current budget until the Notice of Award is received. SNHD has been awarded 2 grants through the Department of Homeland Security: 1 for the staff assigned to the SNCTC and 1 for Cybersecurity. SNHD is currently awaiting the Notice of Award that should arrive in September.

## **5. Medical Reserve Corps of Southern Nevada (MRC of So NV):**

- A. Eight MRC volunteers worked 136.75 hours at the SNHD Main immunization clinic and four volunteers worked 71.5 hours at the East clinic. One volunteer worked 10 hours at the SNHD Main Foodhandler Safety office. Three volunteers worked 18.5 hours on the antibiotic packaging for the first responder stockpile. MRC volunteer hours total 237 with a monetary value of \$5,695.12.
- B. The MRC Coordinator attended the SNHPC, VOAD, DOVIA and Citizen Corps meetings, recruited and processed new volunteers, planned volunteer activities for the coming months, and sent the monthly newsletter and bulletins.

**6. OPHP CDC ASSOCIATE:**

- A. Preparing a Community Assessment for Public Health Emergency Response (CASPER) relating to extreme heat. To be completed on 11/2 and 11/3/2018.

**VI. SOUTHERN NEVADA PUBLIC HEALTH LABORATORY (SNPHL)**

1. **Clinical Testing:** SNPHL continues to support the SNHD Nursing Division with Sexually Transmitted Disease (STD) testing. SNHD STD department and SNPHL cooperatively participate in the CDC Gonococcal Isolate Surveillance Project (GISP). SNPHL performs *N. gonorrhoeae* culture and submits isolates to CDC and Nursing provides the client information required by the project. In October 2015, SNPHL began performing *C. trachomatis/N. gonorrhoeae* (CT/GC) molecular testing to support SNHD clinical programs.
2. **Epidemiological Testing and Consultation:**
  - A. SNPHL continues to support the disease investigation activities of the SNHD OEDS and Nursing Division.
  - B. SNPHL continues to participate in the SNHD Outbreak Investigation Committee and Foodborne Illness Taskforce (FIT).
  - C. SNPHL continues to report results of influenza testing to the CDC National Respiratory and Enteric Virus Surveillance System (NREVSS).
3. **State Branch Public Health Laboratory Testing:**
  - A. SNPHL continues to perform reportable disease isolate testing and confirmation. Isolates submitted by local laboratories are serotyped or confirmed; stored on-site; and results reported and/or samples submitted to CDC through various national programs including Public Health Laboratory Information System (PHLIS), National Antimicrobial Resistance Monitoring System (NARMS) and Influenza Surveillance.
  - B. SNPHL continues to perform CDC Laboratory Response Network (LRN) testing for biological agents on clinical and unknown environmental samples.
  - C. SNPHL continues to perform Pulsed Field Gel Electrophoresis (PFGE) testing of *Salmonella*, *Shigella*, *Listeria*, and Shiga toxin producing *E. coli* (STEC) isolates submitted by local clinical laboratories. SNPHL reports the PFGE data to the CDC PulseNet program and to the SNHD OEDS.
  - D. SNPHL provides courier services to SNHD public health centers and Southern Nevada hospital or commercial laboratories.
4. **All-Hazards Preparedness:**
  - A. SNPHL continues to participate with SNHD OPHP, local First Responders and sentinel laboratories to ensure support for response to possible biological or chemical agents.
  - B. SNPHL staff continues to receive training on Laboratory Response Network (LRN) protocols for biological agent confirmation.
  - C. SNPHL maintains sufficient technical laboratory staff competent to perform LRN testing 24 hours per day/7 days per week.
  - D. SNPHL continues to coordinate with First Responders including local Civil Support Team (CST), HazMat, Federal Bureau of Investigation (FBI), and Las Vegas Metropolitan Police Department (LVMPD).

- E. SNPHL continues to provide information to local laboratorians on packaging and shipping infectious substances and chain of custody procedures.

**5. August 2018 SNP HLS Activity Highlights:**

- A. Laboratory staff have received 5 hours of training this month.
- B. The SNPHL continues services for mosquito arboviruses for the Environmental Health Division.
- C. Validation testing is awaiting state approval for hepatitis A, B, and C testing.
- D. Southern NV Water Authority staff were given a tour of the laboratory WGS department.

**COMMUNITY HEALTH - SNP HL – Fiscal Year Data**

SNP HL Services	Aug	Aug		FY 17-18	FY18-	
	2017	2018		(July- June)	19(July- June)	
Clinical Testing Services <sup>1</sup>	6,166	4,488	↓	10,163	8,385	↓
Epidemiology Services <sup>2</sup>	326	366	↓	823	713	↓
State Branch Public Health Laboratory Services <sup>3</sup>	89	33	↓	154	43	↓
All-Hazards Preparedness Services <sup>4</sup>	86	15	↑	118	105	↑
Environmental Health Services <sup>5</sup>	N/A	490	↑	N/A	1,792	↑

**VII. VITAL STATISTICS**

August 2018 showed a 9% increase in birth certificate sales in comparison to August 2017. Death certificate sales showed a 7% increase for the same time frame. SNHD has received revenues of \$60,385 for birth registrations, \$22,750 for death registrations; and an additional \$4,321 in miscellaneous fees for the month of August.

**COMMUNITY HEALTH Vital Statistics Program – Fiscal Year Data**

Vital Statistics Services	Aug	Aug		FY17-18	FY18-19	
	2017	2018		(July- June)	(July- June)	
Births Registered	2,503	2,636	↑	4,709	4,951	↑
Deaths Registered	1,538	1,562	↑	2,963	3,067	↑

1 Includes N. Gonorrhoeae culture, GISP isolates, Syphilis, HIV, Gram stain testing.

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

3 Includes PFGE and LRN testing, proficiency samples, reporting to CDC, courier services, infectious substance shipments, teleconferences, trainings, presentations and inspections, samples submitted to CDC or other laboratories.

4 Includes Preparedness training, BSL-3 maintenance and repair, teleconferences, Inspections.

5 Includes mosquito sample testing for arboviruses.

<b>Vital Statistics Services</b>	<b>Aug 2017</b>	<b>Aug 2018</b>		<b>FY17-18</b>	<b>FY18-19</b>	
				<b>(July- June)</b>	<b>(July- June)</b>	
Birth Certificates Sold (walk-in)	4,162	4,448	↑	7,505	8,099	↑
Birth Certificates Mail	166	101	↓	314	236	↓
Birth Certificates Online Orders	1,057	1,371	↑	2,020	2,706	↑
Birth Certificates Billed	152	134	↓	234	254	↑
<b>Birth Certificates Number of Total Sales</b>	<b>5,537</b>	<b>6,054</b>	<b>↑</b>	<b>10,073</b>	<b>11,295</b>	<b>↑</b>
Death Certificates Sold (walk-in)	1,249	1,108	↓	2,513	2,214	↓
Death Certificates Mail	82	59	↓	207	118	↓
Death Certificates Online Orders	5,640	6,295	↑	11,483	12,441	↑
Death Certificates Billed	24	10	↓	39	31	↓
<b>Death Certificates Number of Total Sales</b>	<b>6,995</b>	<b>7,472</b>	<b>↑</b>	<b>14,242</b>	<b>14,804</b>	<b>↑</b>

<b>Vital Statistics Sales by Source</b>	<b>Aug 2017</b>	<b>Aug 2018</b>		<b>FY17- 18</b>	<b>FY18-19</b>	
				<b>(July- June)</b>	<b>(July- June)</b>	
Birth Certificates Sold Decatur (walk-in)	75.2%	73.5%	↓	74.5%	71.7%	↓
Birth Certificates Mail	3%	1.7%	↓	3.1%	2.1%	↓
Birth Certificates Online Orders	19.1%	22.6%	↑	20.1%	24%	↑
Birth Certificates Billed	2.7%	2%	↓	2.3%	2%	↓
Death Certificates Sold Decatur (walk-in)	17.9%	14.8%	↓	17.6%	15%	↓
Death Certificates Mail	1.2%	.8%	↓	1.5%	.8%	↓
Death Certificates Online Orders	80.6%	84.2%	↑	80.6%	84%	↑
Death Certificates Billed	.3%	.1%	↓	.3%	.4%	↑

<b>Revenue</b>	<b>Aug 2017</b>	<b>Aug 2018</b>		<b>FY17-18 (Jul-June)</b>	<b>FY18-19 (Jul-June)</b>	
Birth Certificates (\$20)	\$110,740	\$121,080	↑	\$201,460	\$225,900	↑
Death Certificates (\$20)	\$139,900	\$149,440	↑	\$284,840	\$296,080	↑
Births Registrations (\$13)	\$59,904	\$60,385	↑	\$111,627	\$112,424	↑
Deaths Registrations (\$13)	\$21,801	\$22,750	↑	\$39,848	\$44,759	↑
Miscellaneous	\$3,887	\$4,321	↑	\$7,663	\$8,677	↑
<b>Total Vital Records Revenue</b>	<b>\$336,232</b>	<b>\$357,976</b>	<b>↑</b>	<b>\$645,438</b>	<b>\$687,840</b>	<b>↑</b>

**COMMUNITY HEALTH Passport Program – Fiscal Year Data**

**Passport Services**

SNHD opened Passport Services on August 1, 2018. In the first month 440 applications and 185 passport photos were processed.

<b>Revenue</b>	<b>August 2017</b>	<b>August 2018</b>		<b>FY 17-18 (August)</b>	<b>FY 18-19 (August)</b>	
Passport Execution/Acceptance fee (\$35)	n/a	15,400	↑	n/a	15,400	↑
Passport Photo Fee (\$12)	n/a	2,220	↑	n/a	2,220	↑
<b>Total Passport Program Revenue</b>	n/a	17,620	↑	n/a	17,620	↑

\*Passport program opened to public on August 1, 2018

MDJ/edm