

REPORT TO THE COMMUNITY

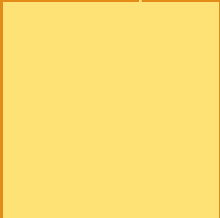
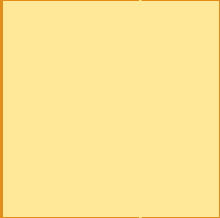
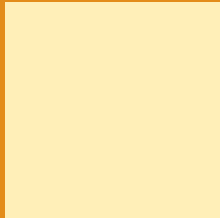


2004

CLARK COUNTY HEALTH DISTRICT

Table of Contents

Board of Health.....	2
Message from the Chief Health Officer	4
Administration	6
Finance	8
Health Cards.....	9
Southern Nevada Public Health Laboratory	9
Vital Records	10
Community Health Services	12
Chronic Disease Prevention & Health Promotion.....	14
Emergency Medical Services.....	16
Epidemiology	20
Public Health Preparedness.....	23
Environmental Health.....	24
Inspection Programs.....	26
Plan Review.....	29
Surveillance.....	33
Nursing	34
Covering Kids Coalition	36
Family Planning	36
HIV/AIDS.....	36
Immunization Clinics.....	37
Maternal Child Health.....	37
Seniors Foot Clinic	39
Sexually Transmitted Diseases	39
Transitional Care	39
Tuberculosis Treatment Clinic	41
Volunteer Programs.....	42
WIC	42
Workplace Vaccinations.....	43
Public Health Heroes.....	44
Directory	48



MAYOR PRO TEM GARY REESE
Chairman
Las Vegas Representative

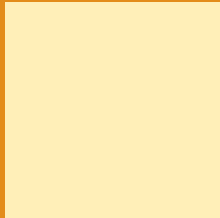
board of health

board of health

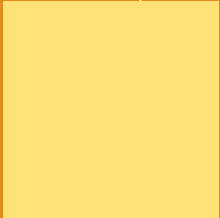
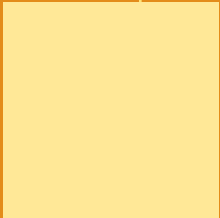
The Clark County District Board of Health is the public health policy board representing the entities of Boulder City, Clark County, Henderson, Las Vegas, Mesquite and North Las Vegas.



BOARD OF HEALTH MEMBERS (pictured left to right): Councilwoman Donna Fairchild, Vice Chairman, Mesquite Representative; Jim Christensen, MD, Secretary, Physician-at-Large; Sherry Colquitt, RN, Las Vegas Representative; Councilwoman Andrea Anderson, Boulder City Representative; Commissioner Tom Collins, Clark County Representative; Susan Crowley, Henderson Representative; Councilman Robert Eliason, North Las Vegas Representative; Joseph Hardy, MD, Boulder City Representative; Councilman Steven Kirk, Henderson Representative; Mary Jo Mattocks, RN, Mesquite Representative; Commissioner Rory Reid, Clark County Representative; Councilwoman Stephanie Smith, North Las Vegas Representative.



chief health officer



chief health officer

DONALD S. KWALICK, MD, MPH, CHIEF HEALTH OFFICER
Clark County Health District

“Public health deals with the health and well being of the population as a whole. It is best distinguished from clinical medicine by its emphasis on preventing disease rather than curing it and its focus on populations and communities, rather than the individual patient.”

HARVARD PUBLIC HEALTH REVIEW, 2000, “FUTURE OF PUBLIC HEALTH”

MESSAGE FROM THE CHIEF HEALTH OFFICER

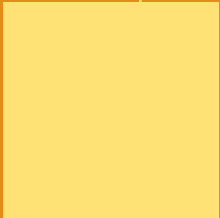
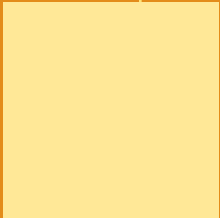
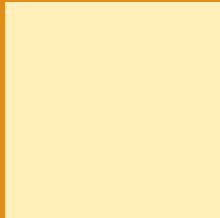
The Clark County Health District continues to implement new programs and reassess existing services in order to make tangible strides towards improving the health of our community. This year we reorganized several existing programs and created a new division to better coordinate community health services offered by the health district.

We also conducted an extensive trauma system needs assessment to assure competent and informed decisions were made regarding the future trauma needs of Southern Nevada. The assessment included a comprehensive public participation process designed to gather input from all stakeholders, including the general public. The end results of this process include the formation of a Regional Trauma Advisory Committee (RTAC), an organization created to oversee ongoing trauma system development and operational issues, and the development of a strategic plan for future expansion of the system.

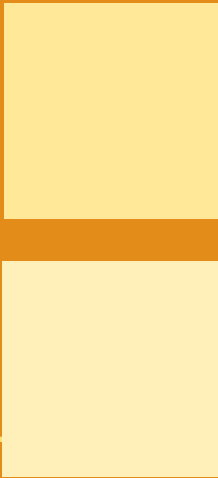
As the public health authority for a fast-growing, high-profile community, the health district is constantly challenged to meet the expanding and evolving public health needs of both residents and visitors. It is our commitment to the community to look for innovative solutions to the public health issues we face and to continue to enhance our programs in order to assure our constituents are well served.

administration

administration



KARL MUNNINGER, DIRECTOR
Administrative Services



“The mission of the Clark County Health District is to protect and promote the health, the environment and the well-being of Clark County residents and visitors.”

The operations of the Southern Nevada Public Health Laboratory, health cards, vital records and public information fall under the umbrella of the administration division. Support services are provided by the human resources, information technology, facilities and finance sections.

Finance

The health district is funded roughly one-third from federal grants, one-third from fees and one-third from local taxes. Exclusive of special purpose tobacco settlement grant programs and the tire tax reserved for solid waste services, the State of Nevada's general fund contribution to the health district's public health services is less than 1 percent of the district's budget.

REVENUES 2003-2004		
	General Fund	Health Capitol Improvement
Federal Funds distributed by State	\$ 9,505,648	
Federal Grants	6,387,319	
State Funding	2,485,091	
Fee for Service	4,745,964	
Regulatory Revenue	12,125,434	
Program Contract Services	615,672	
County Tax Revenue	17,440,001	
General Receipts	980,610	
Interest	180,262	6,098
TOTAL	\$54,466,001	\$6,098

EXPENDITURES 2003-2004		
	General Fund	Health Capitol Improvement
Nursing	\$21,849,327	
Environmental Health	7,972,691	
Administration	17,374,411	
Capital Improvements		3,430,743
TOTAL	\$47,196,429	3,430,743

ENDING FUND BALANCE 2003-2004		
	General Fund	Health Capitol Improvement
Ending Fund Balance	\$11,131,620	\$ 396,820

Health Cards

A health card is required of anyone working as a food handler, child or adult group care attendant, tattoo and permanent makeup artist, reflexologist, massage therapist or in a profession that requires TB screening prior to employment. Food handlers receive a three-year health card; health cards issued to child care and adult group care providers must be renewed every two years.

HEALTH CARDS 2003-2004			
	2003	2004	Increase
Health Cards Issued	126,196	138,838	10.02%

Southern Nevada Public Health Laboratory

The Southern Nevada Public Health Laboratory (SNPHL) is jointly operated by the Clark County Health District and the University of Nevada School of Medicine. SNPHL and the Nevada Public Health Laboratory in Reno make up the Nevada State Public Health Laboratory System. The laboratory enhances the public health surveillance capabilities of the district and its ability to identify potential health hazards.



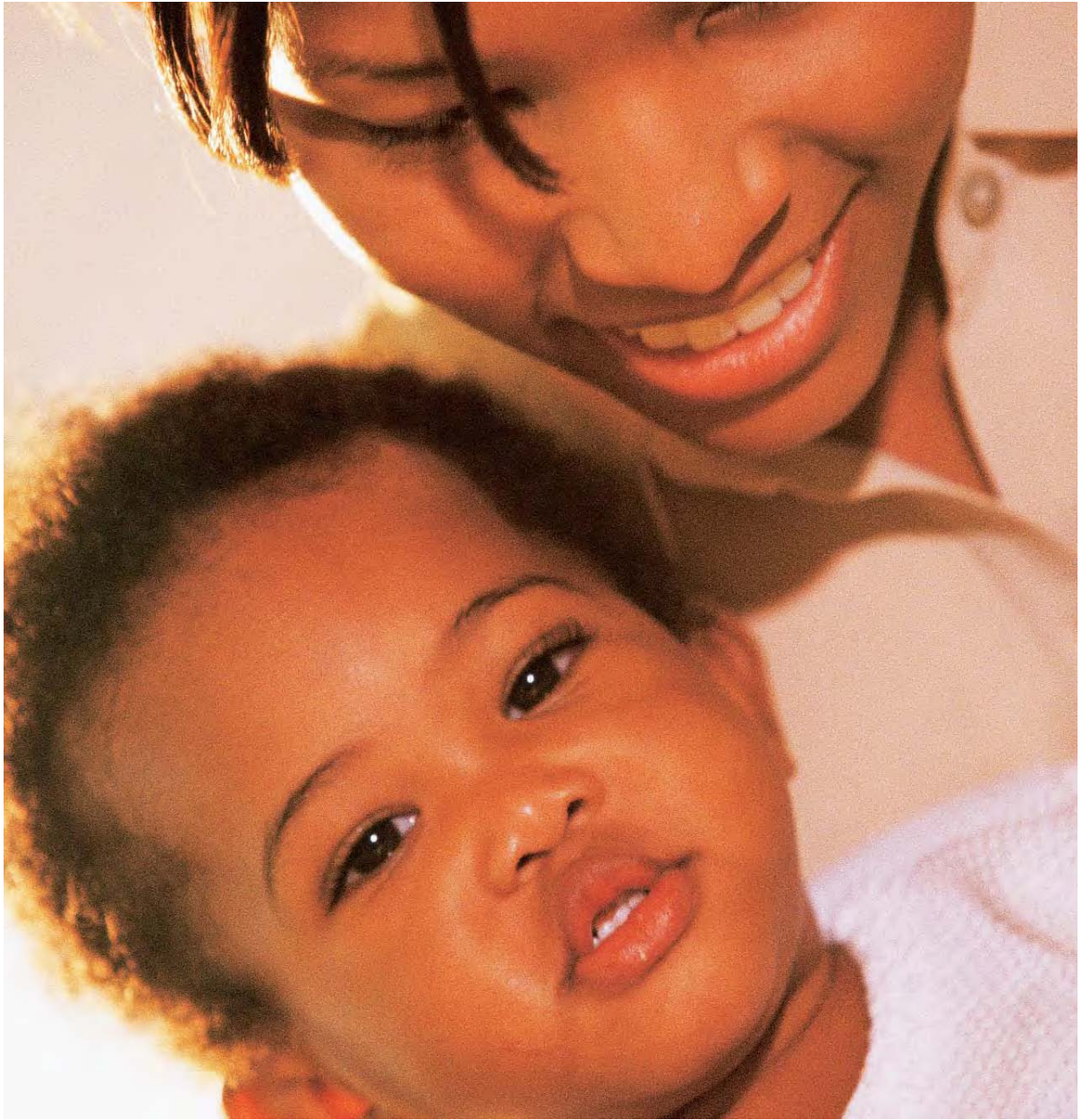
The laboratory is licensed by the State of Nevada to perform clinical testing and is a member of the Laboratory Response Network (LRN). The LRN was formed in 1999 by the Centers for Disease Control and Prevention, the Association of Public Health Laboratories and the FBI to aid laboratories in preparing and responding to acts of bioterrorism.

In addition to testing activities, lab personnel conduct ongoing training activities and coordination with local first responders regarding the collection of samples for testing of suspected biological agents. Additional training is provided to local laboratories regarding isolation and reporting of pathogenic biological agents.

Vital Records

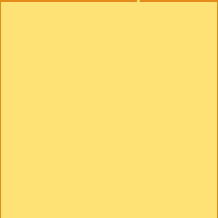
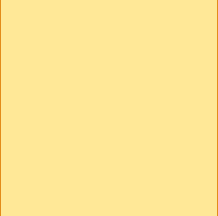
The vital records department is the repository for all birth and death records in Clark County. Records are available at the health district for births since 1973 and for deaths since 1988. Nevada records prior to these dates can be obtained from the State office of vital records in Carson City.

VITAL RECORDS 2003-2004			
	2003	2004	Increase
Birth Records	24,903	26,248	5.40%
Death Records	12,766	12,744	-0.17%
Birth Certificates Issued	40,299	48,149	19.48%
Death Certificates Issued	87,892	88,352	0.52%
Birth Cards Issued	39,330	49,770	26.54%
Burial Transit Permits Issued	129	165	27.91%

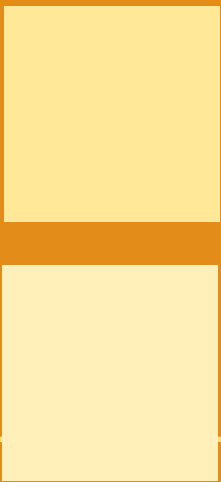


community health services

community heal



LAWRENCE SANDS, DO, MPH, DIRECTOR
Community Health Services



“The mission of Community Health Services is to monitor and improve community health status; assure readiness and response to public health emergencies; and promote healthy behaviors.”

Chronic Disease Prevention & Health Promotion

The office of chronic disease prevention and health promotion works to improve the health of the community by mobilizing residents to respond to health issues, and by working collaboratively to educate and motivate people to maintain healthy lifestyles.

CHRONIC DISEASE PREVENTION

The goals for the chronic disease prevention program are to reduce tobacco use, improve physical activity levels and improve dietary habits of youth and adults. These programs seek to reduce the incidence of chronic disease and enhance the quality of life of those living with a chronic illness. The program uses evidence-based strategies such as multimedia campaigns, outreach programs, and support and development of public policy to achieve goals and objectives that affect positive behavioral changes and lead to the improved health status of the community.

INJURY PREVENTION

The health district injury prevention program focuses on two areas: drowning prevention and suicide prevention. Health promotion and EMS staff work with community partners to conduct an annual drowning prevention awareness and education campaign. The campaign emphasizes constant adult supervision; barriers such as isolation fencing, door alarms, electrically operated pool covers; CPR training and proper rescue equipment.

Health district staff tracks drowning data for children 14 years old and younger. In 2004, the number of reported submersion incidents was 39, four of which resulted in drowning. Of the four deaths, three were children 4 years old or younger. The drowning death rate for Clark County was 2.59 per 100,000. This is lowest-ever recorded rate and under the national average for the first time.

Working with the community to reduce the suicide rate in Clark County is a priority for the health district. Health promotion staff have collaborated with community partners to support the creation of a statewide suicide prevention program.



“Get Moving, Be Safe, Eat Better, Live Smoke Free.”

For information and ideas about creating a healthy lifestyle, visit www.getthehealthyclarkcounty.org.

The health district participated in the Region IX and X Suicide Prevention Planning Conference and officially formed the Nevada Coalition for the Prevention of Suicide. The coalition plans to hire a state suicide prevention coordinator and will support the development and facilitation of a statewide prevention plan.

TOBACCO CONTROL PROGRAM

The tobacco control program has four major goals: prevent youth initiation of smoking; promote smoking cessation among youth and adults; eliminate secondhand smoke exposure and eliminate health disparities among diverse populations. Tobacco use in Clark County has been on a steady decline, largely in part to efforts of the health district program and other tobacco control programs funded by the Taskforce for the Fund for a Healthy Nevada.

The program supports and develops community coalitions including:

- LUCES (Latinos Unidos Celebrando Salud)—an organization promoting health within the Hispanic community
- CIAA (Clean Indoor Air Alliance)
- XPOZ—A youth tobacco prevention organization
- Urban Fuel—A young adult tobacco prevention coalition

FACT | Tobacco use is the single most preventable cause of premature death in the United States. Each year, more than 400,000 Americans die from health conditions caused by cigarette smoking. One in every five deaths in the United States is smoking related.

Emergency Medical Services

The emergency medical services (EMS) program coordinates emergency medical services by providing medical direction and protocols for the county’s emergency response system.

CERTIFICATION, LICENSING & PERMITTING

The EMS office, in compliance with applicable regulations, determines an individual’s qualifications to be certified as an emergency medical technician (EMT). The office also oversees the reinstatement of expired EMT certificates and grants reciprocity to EMTs who have been certified in other counties or states meeting the requirements of Clark County.

Additionally, ambulance and firefighter attendants are issued licenses by the health district. All ambulance services, air ambulance services and fire-fighting agencies providing emergency medical care are permitted through the health district.

2004 CERTIFICATION STATUS REPORT

Applications received for Certification via Reciprocity	100
Applications received for Certification via Challenge	54
EMS training courses completed	36
New certifications issued	447
Renewal certifications issued.....	923
Total certifications issued	1,370

2004 ACTIVE CERTIFICATIONS REPORT

First Responder	59
EMT-Basic	1,410
EMT-Intermediate	1,418
EMT-Paramedic.....	763
EMS Instructors	289

2004 LICENSURE STATUS REPORT

New licenses issued	160
Renewal licenses issued	671
Paid full-time fire departments.....	6
Volunteer fire departments.....	11
Private ambulance services	2
Special purpose stand-by ambulance services	4
Helicopter ambulance services	1
Fixed-wing air ambulance services	2

CONTINUING MEDICAL EDUCATION & TRAINING CENTERS

All certified and licensed medical attendants aboard ambulances or other medical rescue vehicles, such as fixed wing aircraft and helicopters, must complete training and continuing education classes conducted by a public or private agency approved by the health district.

QUALITY IMPROVEMENT

The EMS office provides quality improvement (QI) oversight within the EMS system. The office oversees QI projects and reviews patient complaints when they are received. District EMS regulations require each permitted (private and fire department) ambulance service to have a QI director to ensure compliance with EMS regulations and protocols regarding patient care.

MEDICAL ADVISORY BOARD

The Clark County Health District Medical Advisory Board (MAB) provides emergency medicine recommendations to the chief health officer, in his capacity as the Emergency Medical Services System (EMSS) director. The MAB makes recommendations and assists in the ongoing design, operation, evaluation and revision of the EMSS.

Medical Advisory Board Membership

- Emergency department physicians from each hospital
- An emergency department/ intensive care physician
- A trauma physician
- A representative from each ambulance service, air ambulance service and fire fighting agency
- One emergency department nurse supervisor
- Other members as appointed by the chief health officer

2004 TRAUMA SYSTEM ASSESSMENT CITIZEN'S TASK FORCE

- Veronica Arechederra Hall
- Richard Bunker
- S. Max Doubrava, MD
- Robert Forbuss, Co-Chair
- Merlinda Gallegos
- Steve Hill
- Rose McKinney-James, Co-Chair
- Otto Ravenholt, MD
- Danny Thompson

PROFILE | Regional Trauma System

The Clark County District Board of Health appointed a nine-member citizen's task force to participate in a trauma system needs assessment process. As part of the assessment process, the American College of Surgeons Committee on Trauma conducted a Trauma System Consultation Visit in May of 2004. The Regional Trauma Advisory Committee was formed as a result of the assessment and began operations in January 2005. The committee's scope of work includes developing and monitoring a trauma system for Clark County.

Members of the advisory committee include surgeons and administrators from trauma centers, public and private emergency medical services representatives, a physician-at-large, an administrator-at-large, a payor group representative, an education and prevention representative and a health district representative. This committee will develop a system plan and provide oversight and performance improvement for trauma care in Clark County.



Epidemiology

The office of epidemiology conducts surveillance of various communicable diseases in Clark County, investigates case reports and communicable disease outbreaks and implements control measures designed to curb the spread of disease. The major source of surveillance information is the local medical community. Nevada law requires physicians, nurses and laboratories to report more than 60 diseases to the health district. The epidemiology office also monitors illness through direct reports from the public and through disease investigations.

SURVEILLANCE PROGRAMS

Disease surveillance programs function as the health district's eyes and ears, allowing for the rapid identification of unusual illness patterns or trends and clusters of disease. Should illness or disease outbreaks be identified, the health district uses surveillance systems to track the effectiveness of control measures and ensure the situation has been resolved.

ELECTRONIC SYNDROMIC SURVEILLANCE

This surveillance program tracks overall patient illness levels at area hospitals and clinics, in order to quickly identify outbreaks of communicable disease, including those potentially caused by bioterrorist agents. Data reported by hospitals is analyzed and evaluated automatically each day, enabling rapid identification of clusters of illness. The syndromic surveillance system tracks influenza-like illness, respiratory illness, gastroenteritis, and dermatologic and neurologic complaints.

INFLUENZA-LIKE ILLNESS SURVEILLANCE PROGRAM

This program monitors the percentage of patients seen by health care professionals who meet the criteria for inclusion as a case of influenza-like illness. The influenza-like illness surveillance program is part of a program developed by the Centers for Disease Control and Prevention, which provides a larger, regional and national view of influenza-like illness.

GASTROENTERITIS SURVEILLANCE PROGRAM

A combination of systems is used in this program to monitor the percentage of people with diarrhea or vomiting that is not explained by a chronic condition. By monitoring the background

CLARK COUNTY REPORTABLE DISEASE STATISTICS*

DISEASE	2003	2004	DISEASE	2003	2004
Diphtheria	0	0	Encephalitis (West Nile Virus)	1	12
Haemophilus Influenza—Invasive	8	7	West Nile Virus (Fever)	0	11
Hepatitis A	17	7	Hantavirus	0	0
Hepatitis B	62	53	Hemolytic Uremic Syndrome (HUS)	1	0
Influenza	207	58	Hepatitis C	1	3
Measles (Rubeola)	0	0	Hepatitis D	0	0
Mumps	2	0	Legionellosis	10	4
Pertussis	20	16	Leprosy (Hansen's Disease)	0	1
Polio	0	0	Leptospirosis	0	0
Rubella	0	0	Listeriosis	3	5
Tetanus	0	0	Lyme Disease	3	1
Chlamydia	4,719	5,092	Malaria	2	5
Gonorrhea	2,085	2,610	Meningitis, Viral/Aseptic	136	86
Syphilis (Primary/Secondary)	8	38	Meningitis, Bacterial	25	18
Syphilis (Early Latent)	20	14	Meningococcal Disease	6	4
Amebiasis	17	13	Plague	0	0
Botulism-Intestinal (Infant)	1	0	Psittacosis	0	0
Campylobacteriosis	103	101	Q Fever	0	0
Cholera	0	0	Rabies (Human)	0	0
Cryptosporidiosis	5	2	Relapsing Fever	0	0
E.Coli O157:H7	17	20	Respiratory Syncytial Virus (RSV)	1,408	1,196
Giardiasis	94	74	Rocky Mountain Spotted Fever	0	0
Rotavirus	531	663	Toxic Shock Syndrome	2	5
Salmonellosis	121	129	Tuberculosis (Cases)	74	70
Shigellosis	53	64	Tularemia	0	0
Typhoid Fever	0	1	Ehrlichiosis	1	0
Yersiniosis	1	3	Microsporidia Spp.	0	1
Anthrax	0	0	Scombroid Intoxication	1	0
Botulism Intoxication	0	0	Streptococcus Pneumoniae-Invasive	1	0
Brucellosis	0	0	Vibrio Parahaemolyticus	1	1
Coccidioidomycosis	33	55			

* Numbers include confirmed and probable cases. For reportable disease statistics for HIV/AIDS, refer to page 36; tuberculosis, page 41.

levels of gastroenteritis in Clark County, community-wide disease problems can be identified.

HEALTH ALERT NETWORK

The office distributes timely health related information to the medical community through its Health Alert Network using broadcast fax and e-mail. The office also provides information to the public and health care providers through newsletters, notices and alerts.

COMMUNITY BLOOD/LEAD CONTROL PROGRAM

The Clark County Health District community blood lead control program was established in October 2004. The program is designed to support the tracking, investigation, evaluation and assessment of elevated blood lead levels including lead-poisoning cases within Clark County. It enlists the joint efforts of the office of epidemiology, nursing division and environmental health division in the identification, management and control of lead poisoning especially among children of Clark County.

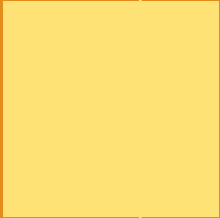
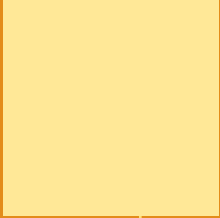
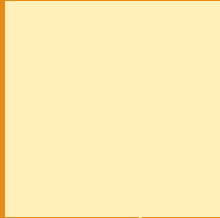


Public Health Preparedness

The Clark County Health District office of public health preparedness coordinates efforts to upgrade preparedness for, and response to, infectious disease outbreaks, bioterrorism, and other public health threats and emergencies.

In 2004, the office of public health preparedness received approximately \$4.9 million in grant funds from various sources to conduct preparedness activities.

2004 PUBLIC HEALTH PREPAREDNESS GRANTS		
Funding Agency	Description	Amount
Health Resources and Services Administration (HRSA)	To maintain a toll-free poison control hotline for Clark County	\$ 410,515
Centers for Disease Control and Prevention (CDC)	To establish public health prevention, preparedness, mitigation, and recovery planning, surveillance, laboratory capacity, critical infrastructure, public information and training	\$3,049,894
CDC-UMS Supplement	To implement a Laboratory Information Management System for Southern Nevada Public Health Laboratory (SNPHL)	\$ 244,000
CDC-UMS Supplement	To ensure the delivery of preventive medications to the entire community in 24-48 hours	\$ 773,226
Department of Homeland Security-State Homeland Security Program	To participate in an emergency exercise Rotunda Thunda 2005	\$ 100,000
US Department of Health and Human Services	To purchase equipment for SNPHL	\$ 332,445
Office of Domestic Preparedness, Division of Emergency Management	To purchase interoperable radio and communications equipment for the Health District	\$ 71,349



environmental health

environmental he

GLENN SAVAGE, DIRECTOR
Environmental Health



“The Environmental Health Division oversees public health programs designed to protect the health of residents and visitors.”

Inspection Programs

CHILD CARE & NURSERY FACILITIES

The 582 permitted child care facilities are regularly inspected to ensure compliance with health, sanitation and safety regulations.

- Child care inspections: 671

FOOD & BEVERAGE ACTIVITIES

Environmental health specialists inspect the county's more than 14,648 permitted food establishments a minimum of once a year as required by state law.

- Routine inspections: 19,114
- Special event inspections: 2,248
- Complaint-driven inspections: 2,408
- Mobile vendor inspections: 475

INSTITUTIONAL INSPECTIONS

The institutional inspection program has more than 442 permitted facilities, including facilities such as public, private and charter schools, local correctional facilities, summer camps and children's homes.

- School inspections: 621
- Correctional facility inspections: 9
- Summer camps/children's home inspections: 11

ILLEGAL VENDING COMPLAINTS WITH ACTION					
	Barbecues	Food from Cars	Food from Home	Miscellaneous	Total
2004	4	21	21	25	71
2003	2	29	13	96	137



PUBLIC ACCOMMODATIONS

Hotels and motels are inspected on a semi-annual basis to ensure rooms are clean, the furniture is in good repair, no insects or vermin are present, rooms are equipped with proper ventilation, fire alarms are present and linens are clean.

There are 388 permitted hotels and motels in Clark County, with a total of 140,184 rental rooms. Additionally, there are 198 permitted mobile home and RV parks with a total of 27,708 rental spaces.

- Hotel and motel inspections: 390
- Mobile home and RV park inspections: 209

PUBLIC SWIMMING POOLS & SPAS

State law requires the 4,381 public swimming pools and spas located at public parks, apartment complexes, hotels, RV parks, homeowner's associations and sports complexes be inspected annually to ensure proper operation.

- Pool and spa inspections: 5,899

TATTOO, PERMANENT MAKEUP & BODY PIERCING

Health district regulations require operators at tattoo, permanent makeup and body piercing establishments to receive vaccinations for hepatitis B and to complete courses on preventing disease transmission, first aid and CPR. Currently, 149 establishments are licensed in Clark County.

- Tattoo, permanent make-up and body piercing establishment inspections: 167

“Swimmer education should play a critical role in preventing the spread of recreational water illnesses. Swimmers... should be informed that they should 1) not swim when ill with diarrhea, 2) not swallow pool water, and 3) practice good hygiene when using a pool (e.g., frequent restroom breaks, appropriate diaper changing and hand washing).”

—MMWR Weekly, June 6, 2003. “Surveillance Data from Swimming Pool Inspections”

Plan Review

FOOD & BEVERAGE ESTABLISHMENTS

Plans for new construction and remodeling of food establishments are submitted for approval to the environmental health division.

- Food establishment plan reviews: 1,523

PUBLIC SWIMMING POOLS & SPAS

Plans for public swimming pools and spas are submitted by architects, engineers and contractors for review. Final construction inspections are conducted to ensure adherence to statewide regulations. Preliminary inspections and progress checks are conducted in conjunction with the overall approval process. Additionally, the environmental health division issues new and renewal certifications for pool company, operator, technician and technician apprentice certifications.

- Plan reviews: 370
- Final construction inspections: 293
- Preliminary inspections and progress checks: 333



PUBLIC WATER SYSTEMS

The health district works with the Nevada State Health Division to administer the safe drinking water program in Clark County. Public water systems are permitted by the state health division, and monitored and inspected locally by health district staff.

- Public ground water systems monitored: 95

SEPTIC SYSTEM PROGRAM

In areas where public sewers are not available, individual sewage disposal systems (ISDS) provide the functions of both sewer collection and treatment plant. Staff provides onsite wastewater system plan reviews, permitting and inspections for these systems.

- Parcel maps reviewed: 382
- Septic systems permitted: 426
- Loan certificates issued: 97
- Liquid waste pumping/hauling companies permitted: 32
- Pumping/hauling trucks permitted: 111

SUBDIVISION REVIEW

Staff maintains a Geographical Information System (GIS) database and reviews every tentative and final map and improvement plan package submitted for subdivisions. Plans are reviewed with regard to sewage disposal, water pollution, water quality and water supply facilities.

- Maps reviewed: 1,582
- Maps approved: 682
- Units/Lots approved: 46,710

SOLID WASTE MANAGEMENT

The health district is the Solid Waste Management Authority (SWMA) for Clark County. In this capacity, the environmental health division provides regulatory oversight including plan review and inspection of all solid waste facilities and recycling centers.

Permitted disposal facilities in Clark County:

- Landfills: 10
- Transfer stations: 4, with 2 applications
- Convenience centers: 3
- Recycling centers: 4, with 17 applications
- Waste tire management facility: 1
- Waste tire hauler: 1
- Compost facility: 1

Illegal Dumping Investigations and Enforcement

The solid waste and compliance section of the environmental health division enforces solid waste management regulations pertaining to proper handling and disposal of solid waste. The section investigates all complaints of illegal dumping in Clark County.

- Illegal dumping complaints received: 1,315
- Cases presented to the Hearing Officer for adjudication: 355
- Penalties assessed for illegal dumping by the Hearing Officer: \$598,249

Waste Management Audits

Waste management audit inspections ensure area businesses manage waste properly and are protective of public health and the environment. Target Sector Inspections (TSI) are conducted through an interlocal contract with Nevada Division of Environmental Protection (NDEP). The TSI program audits small quantity generators of hazardous waste and specific businesses identified by the NDEP to ensure proper handling and reporting.

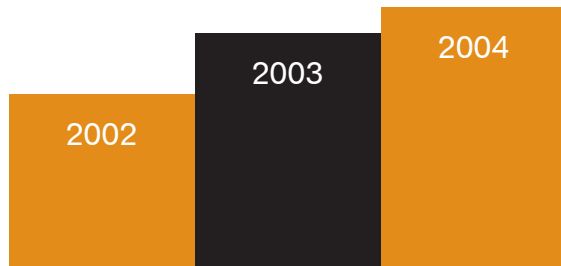
- Waste management audits and Target Sector Inspections: 2,111

Number of Complaints processed by Solid Waste & Compliance Section Staff (2002-2004)



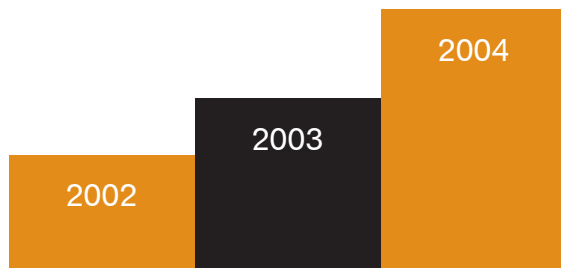
NUMBER OF COMPLAINTS		
	Total Number of Complaints	Increase from Previous Year
2004	1,323	51.55%
2003	873	-21.28%
2002	1,109	54.24%

Number of Cases submitted to the Hearing Officer by Solid Waste & Compliance Section Staff (2002-2004)



NUMBER OF CASES		
	Cases Submitted	Increase from Previous Year
2004	355	10.94%
2003	320	44.14%
2002	222	593.75%

Amount of Penalties Assessed by Solid Waste Management Authority Hearing Officer (2002-2004)



AMOUNT OF PENALTIES		
	Fines Assessed	Increase from Previous Year
2004	\$598,249	33.76%
2003	\$447,245	62.71%
2002	\$274,873	

Underground Storage Tanks

Staff conducts annual EPA compliance inspections of underground storage tanks (USTs) for the Nevada Division of Environmental Protection (NDEP). This program inspects the installation of USTs, repairs, upgrades and suspected leaks.

- Active UST facilities in Clark County: 757
- New USTs and status changes: 314
- Permanent closures: 21
- Plan reviews and final inspections conducted: 116
- Facilities reported to NDEP for formal enforcement: 3
- Closure inspections and site assessments: 27
- Contaminated sites: 17

Surveillance Program

In order to detect potential outbreaks in the animal population and prevent the spread of disease, the Clark County Health District conducts routine surveillance programs in the fall and spring of each year. These programs monitor for diseases such as plague, hantavirus and West Nile virus.

PROFILE | West Nile Virus Surveillance

The Clark County Health District environmental health division, in collaboration with the Nevada State Health Division, conducts surveillance to monitor for West Nile virus.

There are three categories of surveillance currently underway:

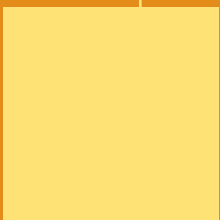
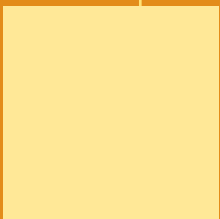
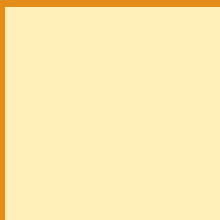
- Dead bird testing (crows, ravens, magpies, jays, hawks and eagles)
- Mosquito testing
- Sentinel chicken flock testing

The public can report dead birds by calling (702) 759-1220.

(Please note: Viable samples can only be collected from birds that have been dead less than 24 hours.)

nursing

nursing



BONNIE SORENSON, RN, DIRECTOR
Clinics & Nursing Services



“The mission of the Clark County Health District Division of Nursing is to improve and protect the health of the citizens of the community through the practice of nursing, preventive health services, education, and emergency preparedness and response.”

Covering Kids Coalition

The Covering Kids Coalition is a national health access initiative for uninsured children from low-income households. The Clark County Health District serves as the fiscal agent for Covering Kids of Southern Nevada. A Robert Wood Johnson Foundation grant, along with funding from the State of Nevada's Department of Health Care Finance and Policy totaling \$142,543, supported the Southern Nevada coalition in 2004. Enrollment in Nevada Check-up increased by more than 1,556 Clark County children to 18,507 at the end of 2004. The Nevada Check-up program enables eligible, uninsured children to access health care and medical-payment services, through the State Children's Health Insurance Plan and Medicaid.

Family Planning

The family planning clinic provides education, information, contraception, pregnancy testing and counseling on a sliding fee scale to Clark County residents. All new clients receive a pregnancy test, a Pap test and a breast exam. The clinic and its delegate agencies served approximately 19,300 clients in 2004, a 14 percent increase over last year. In addition, staff implemented new computer software in 2004, facilitating a centralized tracking system for family planning clients across the district's multiple clinic locations.

HIV/AIDS

The office of HIV/AIDS provides ongoing prevention and awareness programs throughout the community. For 20 years, the health district has tested and counseled clients, as well as offered case management services for HIV-positive individuals. Additionally, the office provided HIV/AIDS education and prevention materials, and partnered with other organizations to provide HIV testing and education in non-traditional settings such as prisons, homeless shelters, night clubs and various street outreach events. Staff also made medical and community referrals for HIV-positive clients during such outreach activities.

By the end of 2004, there were 2,869 people living with HIV in Clark County and 4,123 diagnosed cases of AIDS, of which 47 percent have died.

FACT | The U.S. Centers for Disease Control and Prevention (CDC) recommends the following childhood and adolescent vaccinations: Hepatitis A; Hepatitis B; Diphtheria, Tetanus, Pertussis; Haemophilus Influenzae Type b 3; Inactivated Polio; Measles, Mumps, Rubella; Varicella (Chickenpox); Pneumococcal and Influenzae.

Immunization Clinics

The health district's four main public health centers and 15 satellite clinics provide childhood and adult immunizations. The health district's immunization program also participates in community health fairs and events to promote immunization and increase Nevada's immunization rates.

More than 300,000 immunizations were given in 2004 to approximately 117,000 clients. In addition, during the late-2004 flu season, the health district obtained and administered a total of 26,898 vaccinations, despite the nationwide flu vaccine shortage.

Maternal Child Health

The maternal child health (MCH) program helps ensure children in the county and outlying areas are born healthy, immunized against preventable infectious diseases and receive good nutrition to achieve optimum health. Additionally, the program strives to involve family members in the child's health care and educate them about maintaining preventive care. MCH referrals come from hospitals, agencies and private individuals for infants born to mothers 16 years old or younger, drop-in births, Child Protective Services cases, infants requiring neo-natal intensive care or other medical care.

The program received 3,930 referrals in 2004. Additionally, public health nurses made 14,784 home visits, performing 1,227 healthy kids exams, 245 fluoride varnish applications and 687 well baby exams. Maternal child health staff also provided age-appropriate immunizations to nearly 4,400 children.

PROFILE | Summary of Immunizations administered at CCHD in 2004

DTaP—diphtheria, tetanus toxoids and acellular pertussis	24,016
IPV—poliovirus vaccine, inactivated	25,555
MMR—measles, mumps & rubella virus vaccine.....	28,510
Hib—Haemophilus influenzae type B vaccine, PRP-D conjugated.....	22,128
Hib (PEDVAX)—Haemophilus influenzae type B vaccine, PRP-OMP conjugated	2,516
Hepatitis B vaccine, pediatric or pediatric/adolescent.....	29,773
Hepatitis A vaccine, pediatric/adolescent	57,302
PCV7 (Prevnar)—pneumococcal conjugate vaccine, polyvalent.....	17,877
CPOX (Varicella)—Varicella virus vaccine	17,330
DTAP-HepB-IPV (Pediatrix)	13,007
Hepatitis A vaccine, adult	2,131
Hepatitis B vaccine, adult	3,339
IG—Immune Globukin, intramuscular.....	31
ATD—tetanus and diphtheria toxoids, adsorbed for adult.....	26,898
Influenza—influenza virus vaccine.....	26,898
Pneumonia—pneumococcal polysaccharide vaccine.....	2,090
DT (Ped)—diphtheria and tetanus toxoids.....	32
Meningococcal—meningococcal polysaccharide vaccine.....	600
Rabies, Intramuscular vaccine.....	118
Twinrix (Hep A/B)	2,024
Typhoid, Injectable.....	1,727
Typhoid, Oral	5
Yellow Fever	718
TOTAL VACCINATIONS GIVEN	303,145

Seniors Foot Care

The seniors foot care program was developed by the health district to help the senior population maintain and enhance their mobility. The clinic offers senior citizens education about proper foot care, footwear evaluation and low-cost toe nail trimming.

In the past year, the program's client base increased nearly 29 percent, from approximately 3,800 clients in 2003 to approximately 5,315 clients in 2004.

Sexually Transmitted Diseases

The sexually transmitted disease (STD) clinic works to reduce the incidence of sexually transmitted disease by early detection, treatment and educational outreach.

Clark County Health District STD clinics provided services to nearly 4,500 clients in 2004. In addition, STD disease investigation and intervention specialists provided educational outreach and testing to more than 1,000 youths at the Clark County Detention Center in partnership with the office of HIV/AIDS.

Transitional Care

The transitional care program offers case management services to patients and families living with serious illnesses such as HIV/AIDS and congestive heart failure. Case management is a collaborative process between the client, case manager, physician and community that considers a client's health needs and the resources available to help manage his or her disease. The goal of the program is to keep clients in care and connected with their health providers.

In 2004, 110 new clients were admitted to the HIV/AIDS case management program, which maintained an average monthly census of 159 clients. Case managers made over 3,400 home visits and 3,918 telephone calls. The hospital re-admission rate for HIV/AIDS clients in 2004 was 4 percent and emergency room utilization was 2 percent.



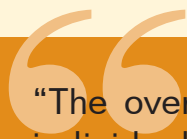
The congestive heart failure (CHF) case management program maintained an average monthly census of 41 clients in 2004. Program personnel conducted more than 409 home visits and 601 telephone interventions. The hospital re-admission rate for CHF clients was 5 percent. The emergency room utilization rate for CHF clients was 0.8 percent.

Tuberculosis Treatment & Control

The tuberculosis (TB) treatment and control clinic is multi-dimensional: integrating clinical services, field services, case management, directly observed therapy, surveillance and TB education to the community.

At year end, there were 70 active cases of tuberculosis identified in the county, a decrease from 74 cases in 2003.

Once treatment begins, it is extremely important to complete it so the tuberculosis does not become resistant to the treatment drugs. In 2004, the TB treatment and control clinic surpassed the national 90 percent completion rate objective for the third straight year, with full treatment completed in more than 93 percent of TB cases.



“The overall goals for treatment of tuberculosis are 1) to cure the individual patient, and 2) to minimize the transmission of *Mycobacterium tuberculosis* to other persons. Thus, successful treatment of tuberculosis has benefits both for the individual patient and the community in which the patient resides.”

—MMWR Recommendations and Reports, June 20, 2003. "Treatment of Tuberculosis"

Volunteer Programs

The Clark County Health District's commitment to the overall health of the community is enhanced by the contributions of our community partners. There are a variety of volunteer opportunities at the health district for people who wish to contribute their time, talent and skills in an effort to promote public health.

Volunteers assist the health district at its area public health centers and through the following key programs:

SALUD EN ACCI" N

Salud en Acción is a community based health promotion program that provides information, referral and Medicare advocacy to the Hispanic community. This includes one-on-one counseling, eligibility and assistance with the appeal process. The goal of Salud en Acción is to provide the Hispanic community with accurate information so they can make informed choices about their own healthcare.

RAFAEL RIVERA COMMUNITY OUTREACH

The Rafael Rivera community outreach program was created in late 2003 as a collaborative effort with the City of Las Vegas and a variety of community non-profit organizations. Working through the Rafael Rivera Community Center, the program hopes to establish a "one-stop shop" targeting the underserved Hispanic community with needed healthcare services.

WIC

The Women, Infants and Children (WIC) Clinic is part of a federally funded program that provides food and nutrition services for low-income pregnant women, and to infants and children up to age 5 with nutritional risks. Education is a key part of the program, with participants learning about how to shop for healthy, affordable foods, store food safely, prepare and eat healthy food during pregnancy and prepare nutritious snacks for children. Vouchers are given for the purchase of items such as milk, cheese, eggs, cereal and juice.

Workplace Vaccination Program

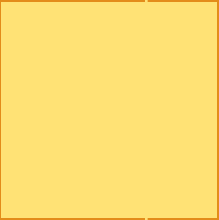
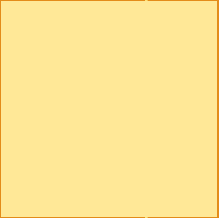
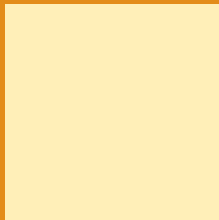
To comply with Occupational Safety and Health Administration (OSHA) regulations regarding workplace safety, various employers contract with the health district to provide hepatitis A and hepatitis B vaccines, and to test employees for tuberculosis. Health district staff members work with corporations, casinos, fire and police departments, dental offices and other agencies to provide information and vaccines for people who may come in contact with blood or other bodily fluids.

In 2004, 121,015 hepatitis A vaccinations were given to health card applicants, an increase of 13 percent over the previous year. Health district staff members also administered 1,819 hepatitis B vaccinations and 489 tuberculosis skin tests.



public health heroes

2004





“Do all you can with what you have, in the
time you have, in the place you are.”

NKOSI JOHNSON, A ZULU BOY BORN INTO DIRE POVERTY WHILE ALSO
INFLECTED WITH AIDS, WHO DIED AT AGE 12. FOUND IN JIM WOOTEN'S
BOOK "WE ARE ALL THE SAME: A STORY OF A BOY'S COURAGE AND A
MOTHER'S LOVE".

ALAN CHEN

Alan Chen serves as a point of contact and a valuable liaison between the health district environmental health division and the Asian community. He was a vital point of contact when the health district was responding to undocumented rumors of SARS illness and deaths. He actively worked with environmental health staff to dispel rumors and helped set up a town hall meeting. His interactions with the health district have expanded to the nursing division where he was instrumental in assisting immunization project staff organize flu shot clinics in Chinatown.

PHILIP HESS, MD

Dr. Philip Hess serves as an excellent example of a committed physician who considers public health during his daily work. Upon seeing several out-of-state patients present to the emergency room with similar symptoms and a potential common exposure, he immediately notified the health district. His support facilitated a coordinated effort and comprehensive investigation that led to the detection of a norovirus outbreak. Support such as this helps public health officials identify problems quickly and respond appropriately to prevent and control illness in residents and tourists.



2004 Public Health Heroes (pictured top to bottom with Donald Kwalick, Chief Health Officer): Alan Chen and Dr. Philip Hess.



MOAPA VALLEY COMMUNITY EMERGENCY RESPONSE TEAM

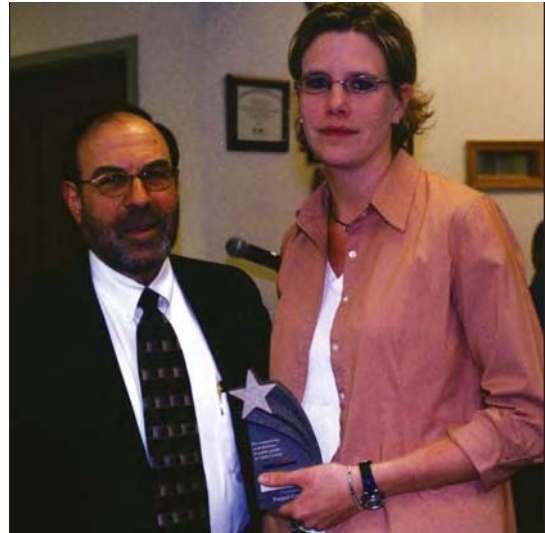
The Moapa Valley communities of Clark County have actively worked to develop well organized Community Emergency Response Teams. Community efforts began in Logandale and Overton, and expanded to include Mesquite and Laughlin. This proactive approach helps to prepare adjacent communities to support each other during times of medical emergency and disaster.

PROJECT UPFRONT

Project Upfront shares vital HIV/AIDS information with the community through trained speakers who are HIV positive. Members of this innovative group share their life experiences in order to educate and affect positive behavior changes in young people. The positive feedback received from organizations, schools, substance abuse facilities, shelters, medical facilities, detention facilities and other venues who have requested speakers from Project Upfront reinforces the effectiveness of the group. In turn, the speakers feel enriched by the experience of sharing information that may help others avoid exposure to HIV and counter the myths that often stigmatize a person living with HIV/AIDS.

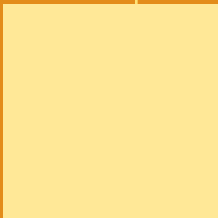
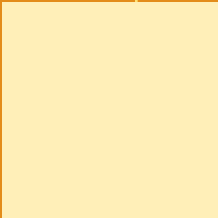
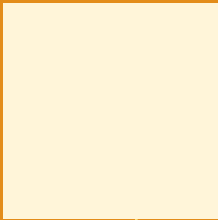


2004 Public Health Heroes (pictured top to bottom with Donald Kwalick, Chief Health Officer): Russ Cameron representing Moapa Valley Community Emergency Response Team and Jen Roberts representing Project Upfront.



directory

directory





GENERAL INFORMATION

Main Number	759-1000
Emergency Hotline	759-INFO
Website	www.cchd.org

ADMINISTRATION

Administrative Services	759-1204
Chief Health Officer	759-1201
Health Cards	383-1226
Human Resources	759-1101
Public Information	759-1390
Southern Nevada Public Health Laboratory	759-1020
Vital Records	759-1010

COMMUNITY HEALTH SERVICES

Chronic Disease Prevention & Health Promotion	759-1270
Emergency Medical Services	759-1050
Epidemiology	759-1300
Public Health Preparedness	759-1211

ENVIRONMENTAL HEALTH

Administrative Office	383-1269
East Las Vegas	759-0620

Engineering	759-0661
Henderson	759-0501
Information & Complaints	759-0588
North Las Vegas	759-0502
Plan Review	759-1258
Septic Tanks	759-0660
Solid Waste	759-0600
Spring Valley	759-0503
Subdivisions	759-0661
Swimming Pools	759-0571
Tattoo/Body Piercing	759-0678
UST Program	759-0603
Water Systems	759-0608
West Nile Virus Hotline	759-1220

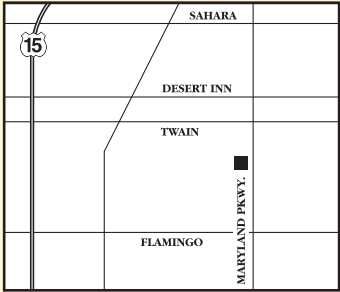
NURSING DIVISION

Administrative Office	383-1301
Airport Clinic	261-5620
Courthouse Clinic	455-3424
Covering Kids Coalition	759-0704
East Las Vegas Clinic	759-0900
Henderson Clinic	759-1040
HIV/AIDS	759-0702

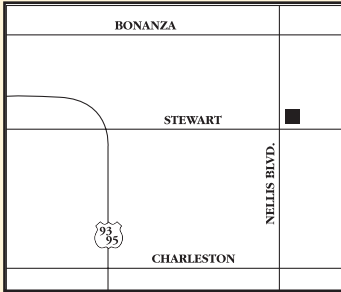
Immunizations	759-1351	Transitional Care	759-0706
Laboratory	383-1373	TB Treatment & Control	759-1369
North Las Vegas Clinic	759-0700	Universal Hepatitis B	383-1321
Salud en Acción	386-8554	Volunteer Program	383-1246
Senior Foot Care	759-0840	WIC (Cambridge)	732-3888
Spring Valley Clinic	759-0709	WIC (Spring Valley)	759-0709
STD Clinic	759-0771	Workplace Vaccination	383-1310



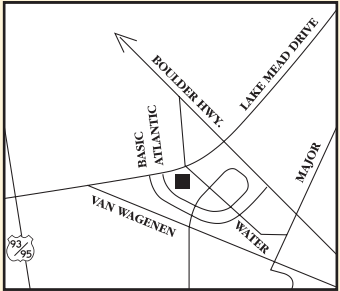
LOCATIONS



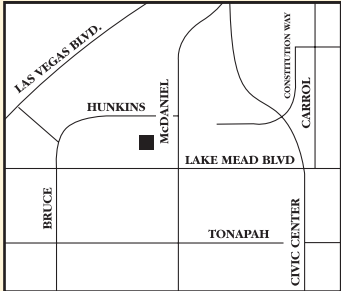
CAMBRIDGE COMMUNITY OUTREACH CENTER
3900 Cambridge St., Suite 101
(702) 732-1781



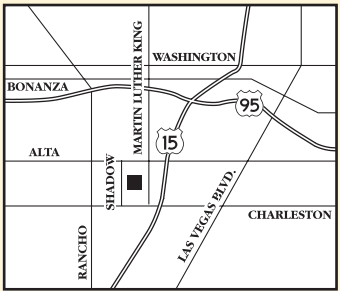
EAST LAS VEGAS PUBLIC HEALTH CENTER
560 Nellis Blvd., Suite E-12
(702) 759-0900



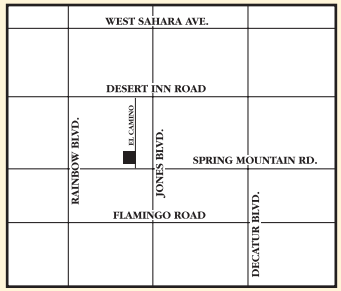
HENDERSON PUBLIC HEALTH CENTER
129 West Lake Mead Pkwy., #10
(702) 759-1040



NORTH LAS VEGAS PUBLIC HEALTH CENTER
1820 Lake Mead Blvd., Suite F
(702) 759-0700



RAVENHOLT PUBLIC HEALTH CENTER
625 Shadow Ln.
(702) 759-1000



SPRING VALLEY PUBLIC HEALTH CENTER
6330 Spring Mountain Rd., Suite F
(702) 759-0709



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