

**MOHAVE COUNTY DEPARTMENT OF PUBLIC HEALTH  
ANNUAL REPORT  
FISCAL YEAR 2008 - 2009**

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# **BOARD MEMBERS**

## **BOARD OF SUPERVISORS**

Tom Sockwell, Chairman  
District 2

Gary Watson, Member  
District 1

Buster Johnson, Member  
District 3

## **COUNTY MANAGER**

Ron Walker

## **BOARD OF HEALTH 2008 - 2009**

Phil Moon  
Chairman

Steve Greely  
Vice-Chairman

Gary Watson  
Board of Supervisors Member

Robin Gordon  
Member

Doug Haslan  
Member

Teri Wise  
Member

Margaret Nyberg  
Member

Kathy Bruck  
Member

Dr. Lehi Barlow  
Physician Member

## **HEALTH DIRECTOR**

Patty Mead, R.N., M.S.

## MOHAVE COUNTY PROFILE

Mohave County is geographically the second largest county in the state and has a population just over 200,000. Most of it is classified as desert, but of its 13,479 square miles, 186 square miles are water. The county has over 1,000 miles of shoreline and is a great water sports center with the Colorado River and Lake Mohave, Lake Havasu, and Lake Mead. Mohave County is situated in northwestern Arizona and is bordered by the states of Utah, Nevada and California and the counties of La Paz, Coconino and Yavapai. Mohave County has four incorporated cities: Bullhead City, Lake Havasu City, Colorado City, and Kingman (the County seat). The Mohave County Department of Public Health offices are located in Kingman, Bullhead and Lake Havasu with a senior nutrition site in Golden Shores and Nursing staff in Colorado City.

### July 1, 2008 Population Figures

(from Arizona Dept of Commerce Estimates)

Bullhead City	41,187
Colorado City	4,042
Kingman	28,823
Lake Havasu City	55,429
Unincorporated	76,381
<b>Total</b>	<b>205,862</b>

### 2008 Age Distribution

(from Arizona Vital Statistics)

<u>Age</u>	<u>Population</u>	<u>Percent of total</u>
<1-14	37,326	18.22%
15-19	12,000	5.86%
20-44	60,828	29.68%
45-64	52,569	25.65%
65+	42,197	20.59%
<b>TOTAL</b>	<b>204,920</b>	<b>100%</b>

## DISTRICT OFFICES

### Kingman

700 West Beale Street  
P.O. Box 7000  
Kingman, AZ 86402-7000

### Lake Havasu City

2001 College Drive  
Box 9, Suite 115  
Lake Havasu City, AZ 86403-1953

### Bullhead City

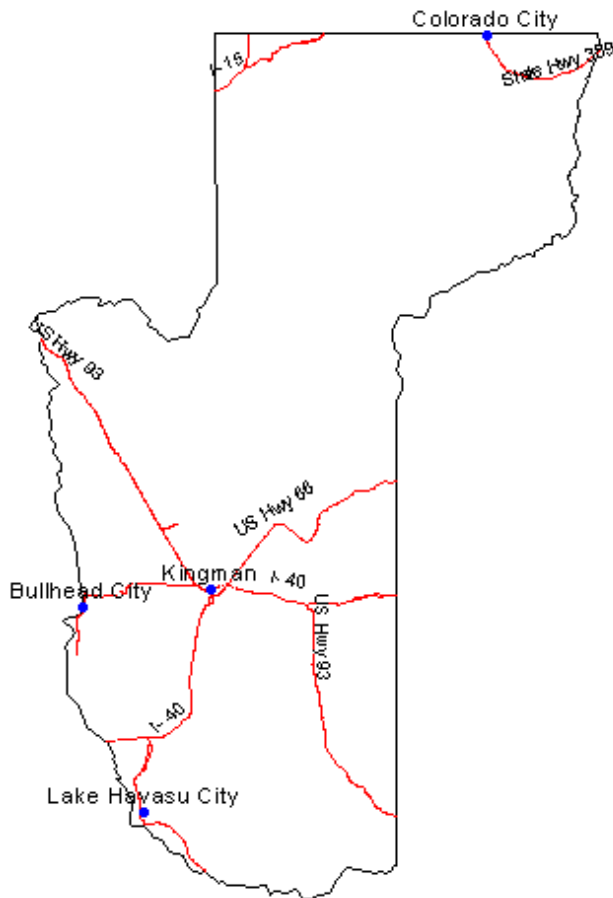
1222 Hancock Rd  
Bullhead City, AZ 86442-5940

1230 Hancock Rd  
Bullhead City, AZ 86442

## SATELLITE LOCATIONS

Golden Shores Senior Nutrition Site

Colorado City Clinic



## DEPARTMENT ORGANIZATION

The Mohave County Department of Public Health is administered through six divisions including Administration, Bioterrorism Defense and Emergency Response, Public Health Nursing, Environmental Health, Senior Programs, and Nutrition & Health Promotion. Each division (except Administration and BT Defense) has program sites in each of the County's major cities. The Department Director is responsible for the oversight of the department programs. The division managers are responsible for the implementation, management and operation of the programs in their division.

### **DIRECTOR**

Patty Mead

### **ASSISTANT DIRECTOR**

Jennifer McNally

Account Specialist – 2  
Office Specialist – 1  
*FROZEN* Office Assistant – 1  
*FROZEN* Office Clerk - .5

### **NURSING SERVICES MANAGER**

Christy Bronston

Nursing Supervisor – 2  
Nurse Midwife – 1  
Office Assistant – 5  
Public Health Specialist – 4  
Public Health Nurse, RN – 8.5  
Paraprofessional Temp – 2  
Community Health Educators – 2  
Clerical Temp - 5

### **ENVIRONMENTAL HEALTH MANAGER**

Rachel Patterson

Environmental Health Supervisor – 2  
Office Supervisor - 1  
Environmental Health Specialist I/II – 11  
Environmental Health Technician – 1  
Permit Technicians – 4  
*FROZEN* Permits Tech - 3  
*FROZEN* Env. Health Specialist I/II - 2  
*FROZEN* Env Health Technician – 2.5

### **BIOTERRORISM & EMERGENCY RESPONSE COORDINATOR**

Bruce Leeming  
Epidemiologist – 1  
Volunteer Coordinator - 1

### **SECRETARY SENIOR**

Krista Gunnoe

### **SENIOR PROGRAMS MANAGER**

Brad Bixler

Site Supervisor – 3  
Site Coordinator – 1  
Senior Programs Assistant – 4  
Cook - 3  
Prep Cook-3  
Labor/Trades Temp 10

### **NUTRITION/HEALTH PROMOTION MGR.**

Deborah Conter

Community Nutrition Specialist Sr – 1  
Community Health Education Spec. Sr - 1  
Community Health Education Spec. I - 4  
Community Health Education Spec. II - 1  
WIC Eligibility Worker – 9  
Office Specialist - 1  
Office Assistant Senior– 1  
Office Assistant - 1  
Part Time WIC Breast Feeding Peer Counselor - 4  
*FROZEN* Community Nutrition Specialist II - 1

## FINANCIAL INFORMATION

July 1, 2008 – June 30, 2009  
(from Mohave County Financial Services Budget Report)

### Revenues

Federal Grants	\$2,373,456
AHCCCS Reimbursement	192,991
Fees from Services	1,479,913
State Grants & Contracts	894,946
County General Funds	1,610,942
Miscellaneous & Donations	320,103

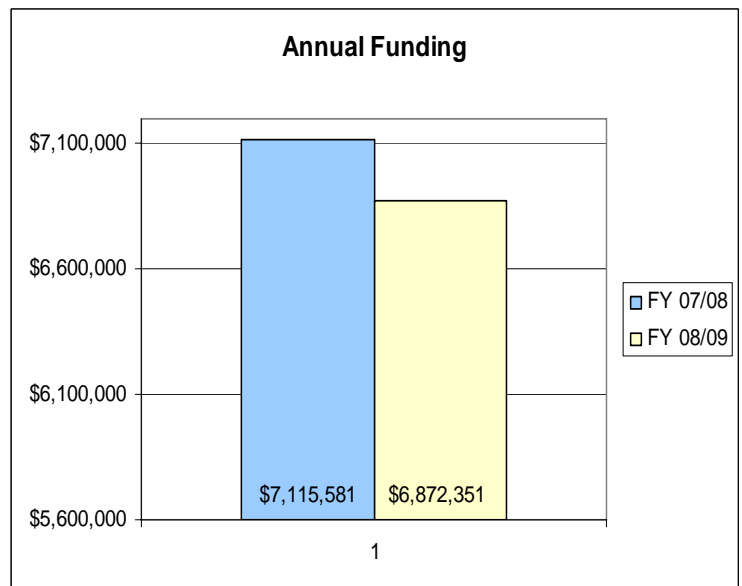
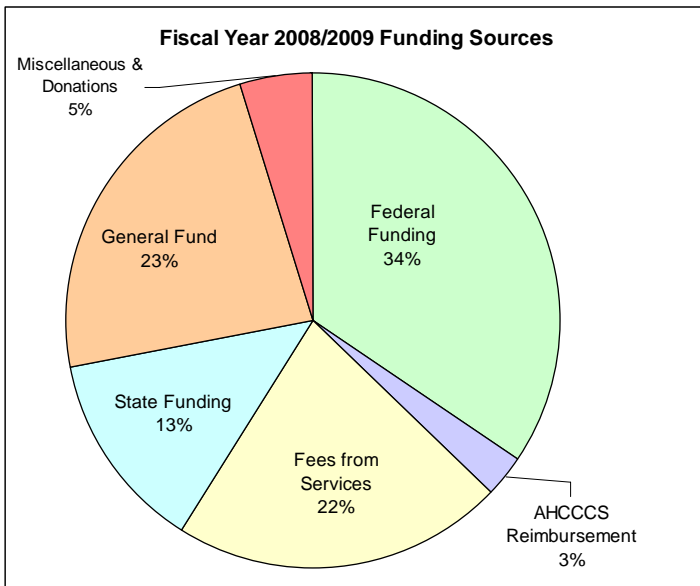
**Total Revenues** \$6,872,351

### Expenditures

Personnel Services	\$5,085,202
Operating Supplies	665,969
Other Charges/Services	1,305,086
Capital Outlay	29,995

**Total Expenditures** \$7,086,252

*Expenditures exceeded revenues due to expenditure of carry over funds and contract year dates.*



# DIVISION SUMMARIES

## ENVIRONMENTAL HEALTH

The Environmental Health Division (EHD) is responsible for inspection of public places, enforcement of various environmental laws and response to public nuisances. In addition, EHD is involved in the Mohave County Department of Public Health's (MCDPH) Emergency Response Team. EHD operates in accordance with the EH policies and procedures and receives authority through delegation agreements with the Arizona Department of Environmental Quality (ADEQ) and the Arizona Department of Health Services (ADHS). EHD's areas of responsibility include; food safety, public & semi-public swimming pools, RV parks, hotels/motels, pet shops, grooming parlors and kennels, septic pumper trucks, refuse haulers, on-site wastewater (septic systems), public nuisance complaints, wells, Smokefree Arizona, campgrounds/children's camps, and school buildings. As part of the food safety program, food handler education is offered.

The fee schedule for EHD was revised for FY10 with an approximate 15% increase for most fees. At the public hearing there were few objections and the fee schedule passed the Board of Supervisors unanimously.

During this fiscal year the on-site wastewater (septic) permits continued to drop in number. EHD issued 990 permits (compared with 1,255 last year) and performed 594 inspections. One inspector was recently moved out of the Environmental Quality program and into the Environmental Health program. The Division has left 1.5 FTE vacant due to the reduction in permits and to achieve some level of job security for existing staff. The food safety program has stayed consistent and even grown slightly. This year 4,213 food handler cards were issued; an increase of 15% from the 3,654 issued last fiscal year.

814 nuisance complaints were received from members of the public; 1,909 inspections were conducted on these complaints. This is an increase over the 739 complaints called in last fiscal year. Eighty cases were taken to court which is also an increase over the 44 taken to court last fiscal year. These complaints included nuisances associated with standing water, animal manure, trash/refuse, ground-feeding of pigeons and open sewage. The BOS unanimously passed a revised ordinance prohibiting the feeding of pigeons in the County. The former ordinance was difficult to enforce and the revision will make it much easier for inspectors in the field.

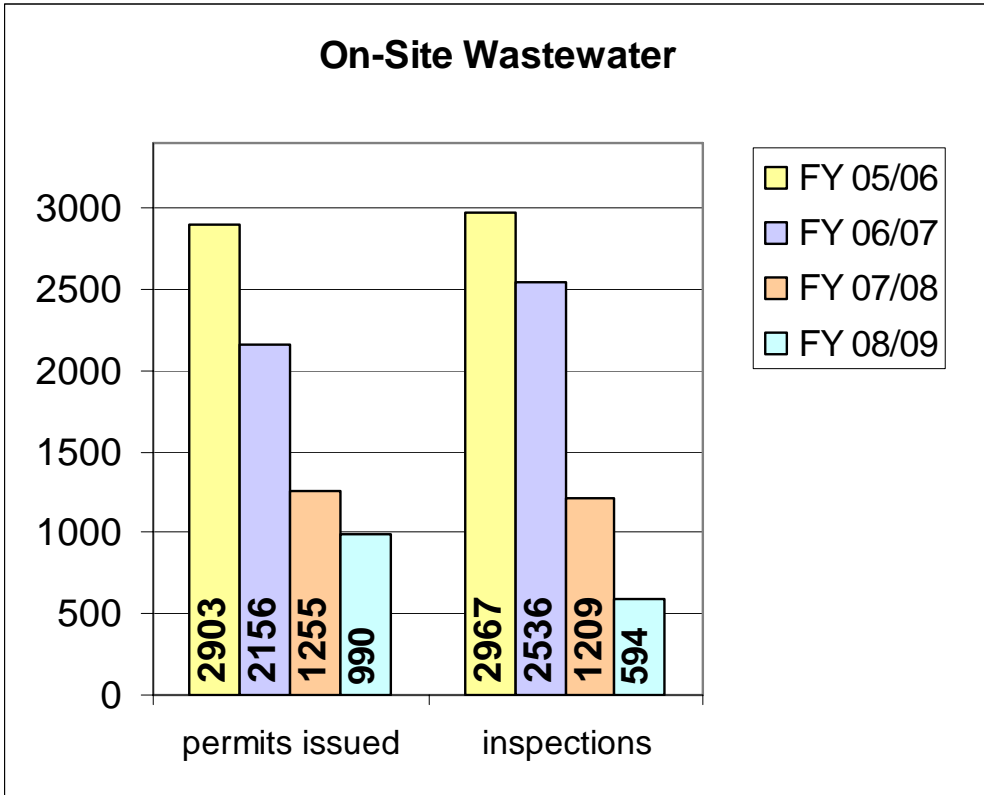
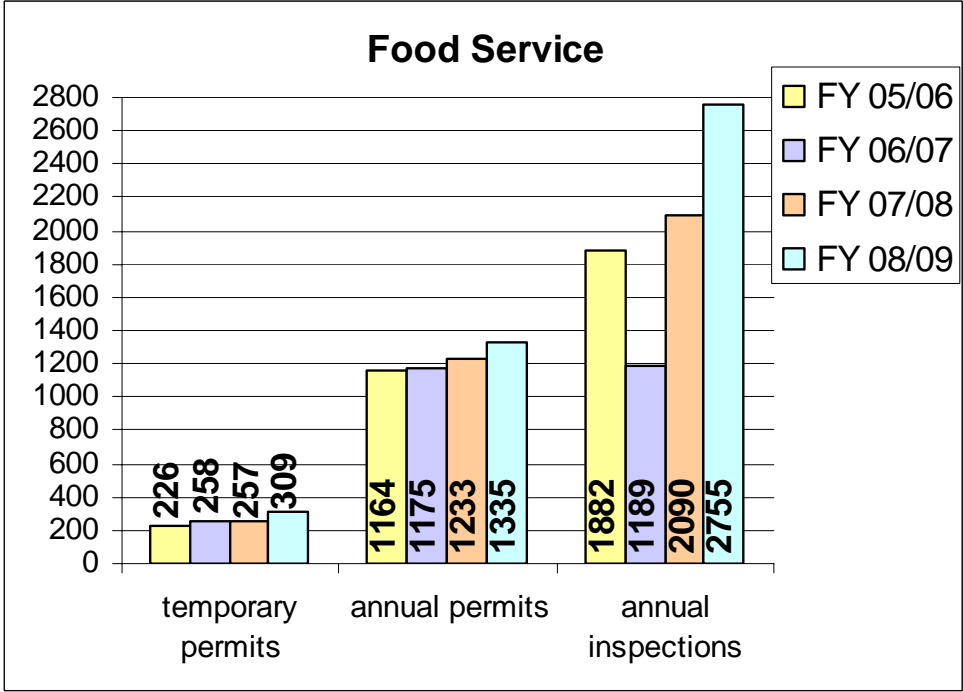
EHD is statutorily required to ensure abatement of public health nuisances. The division attempts to work with property owners to get compliance on property clean ups. When this fails, the division arranges for clean up and places a lien on the property for the cost of the clean up. This year, EHD received approximately \$90,000 in lien payments which have been deposited in a fund for future clean-ups of properties. The clean-up fund has grown from \$20,000 approved by the BOS for property clean-up a few years ago and it continues to grow. While response to public health nuisance complaints is an unfunded mandate, EHD is working closely with Development Services and the Office of Management and Budget to find available funding sources.

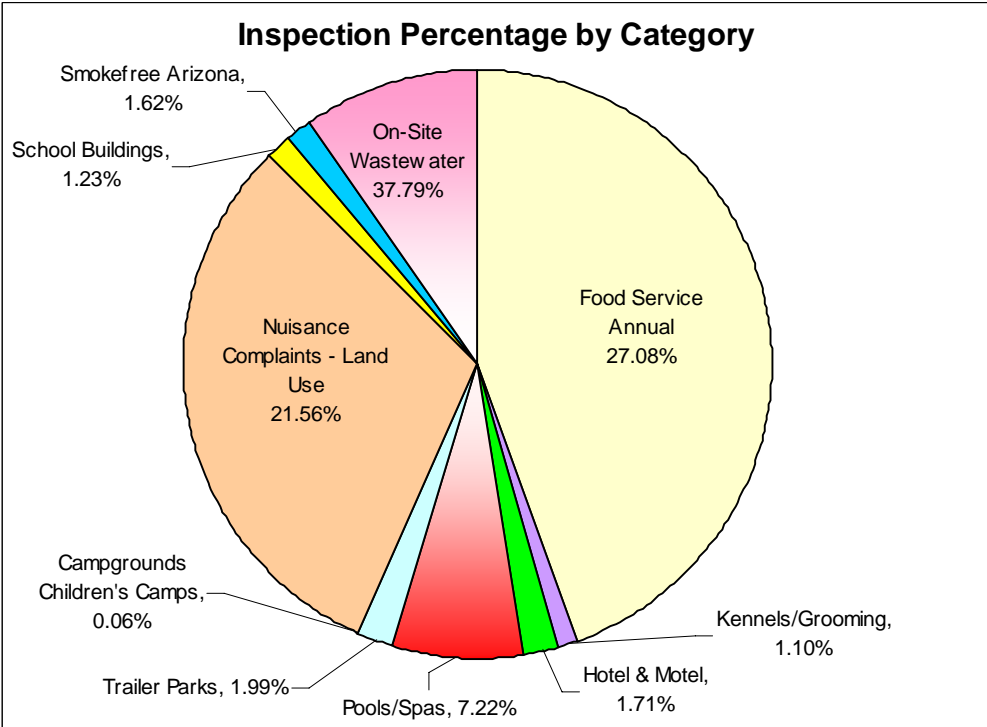
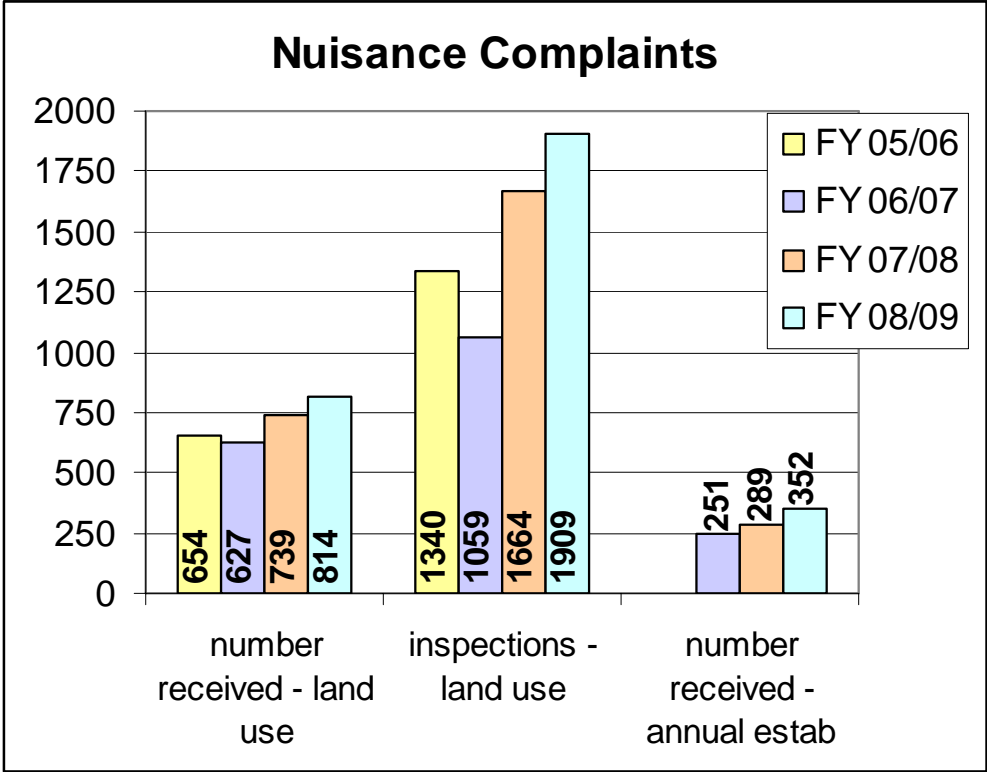
In October 2007, a new ordinance was approved which strengthened regulations on pet grooming shops and kennels. This year the final IGA was completed with the City of Kingman in order to enforce these regulations within the City limits. IGA's had previously been completed with the Lake Havasu City and Bullhead City. Staff continues to work with local breeders and kennels to bring everyone up to code and under permit.

Other activities EHD was involved in during FY09 include working on the Food and Drug Administration's Program Standards which is a food safety standardization program many jurisdictions take part in on a national level. Staff has completed three of the seven total standards. At the end of FY08, the Environmental Health Manager was assigned to participate in the subdivision review committee, a group of individuals put together to review the land division regulations. Participation on this committee has been beneficial as EH has been able to promote Smart Growth Principles and the ideas of creating "Built Environments" in Mohave County. EHD also worked with the National Parks Service creating an informational brochure on bedbugs. This brochure is very timely as there has been a resurgence of bedbugs across the nation.

## STATISTICS BY CATEGORY

<b>Food Service</b>	FY 07/08	FY 08/09
Temporary Permits	257	309
Annual Permits	1233	1335
Annual Inspections	2090	2755
Food Handler Cards	3654	4213
<b>On-Site Wastewater</b>		
Permits Issued	1255	990
Inspections	2916	594
<b>Pools/Spas</b>		
Permits	272	271
Inspections	496	446
<b>Kennels/Grooming</b>		
Permits	53	61
Inspections	58	68
<b>Hotel &amp; Motel</b>		
Permits	89	90
Inspections	94	106
<b>Trailer Parks</b>		
Permits	100	106
Inspections	122	123
<b>Campgrounds/Children's Camps</b>		
Permits	3	4
Inspections	3	4
<b>School Buildings</b>		
Permits	53	53
Inspections	75	76
<b>Nuisance Complaints</b>		
Number Received – land use	739	814
Inspections – land use	1664	1909
Number Received – annually permitted establishments	289	352
Court hearings	44	80
<b>Septic Haulers</b>		
Permits		57
Inspections		56
<b>Refuse Haulers</b>		
Permits		90
Inspections		90
<b>Wells (recommendation of approvals given to ADWR)</b>		
Notice of Intent approvals	144	44
<b>Smokefree Arizona</b>		
Complaints	188	95
Inspections	199	100





## **NUTRITION AND HEALTH PROMOTION**

The Nutrition and Health Promotion Division works to promote healthy lifestyle choices through a variety of food assistance programs, tobacco use prevention and cessation programs, nutrition education, and physical activity programs.

**WIC, the Special Supplemental Food Program for Women, Infants, and Children** contracts with the Arizona Department of Health Services to serve 5200 participants per month in Mohave County. More than 55% of babies born in Mohave County are born to WIC mothers. About half of Mohave County infants and twenty five percent of children to age five are served by WIC. WIC is a supplemental food assistance program for pregnant, breastfeeding, and postpartum women, infants, and children to age 5. Income eligibility is met by families and clients enrolled in Food Stamp and AHCCCS or who are at 185% of poverty. In addition to vouchers for healthy foods, the WIC program also provides individual nutrition education care plans and referrals to health and social services.

### **WIC Breast Feeding Peer Counseling Program**

Mohave County WIC was awarded a grant to initiate a breast feeding peer counseling program for WIC clients in Lake Havasu City, Kingman, Bullhead City, and Littlefield. Breast feeding rates have traditionally been low in Mohave County and we would like to move closer to the Healthy People 2010 goals of 75% of women breastfeeding their babies at birth , 50% of women breastfeeding their babies at 6 months of age and 25% of women breastfeeding their babies at one year of age. A peer counselor is often the ideal advisor because she offers more credibility to the participant than a professional.

Mohave County now employs four part time peer counselors to work with pregnant and postpartum women interested in breastfeeding. Each pregnant woman entering the WIC program is offered an opportunity to attend a breastfeeding class led by the peer counselor. Counselors are also available by phone to assist with questions and problems new mothers may encounter.

**The Preventive Health and Health Services Block Grant** is funded to reduce coronary heart disease by increasing the number of Arizona residents who get at least 30 minutes of physical activity on most days per week. Grant activities have targeted physical activity programs for youth. Program objectives include working with 4<sup>th</sup> through 8<sup>th</sup> graders at enrolled local schools to encourage daily, moderate intensity, physical activity. Walking clubs for adults have become part of the program in recent years.

Future goals for this grant include working on environmental changes such as more sidewalks to make walking a safe option for both adults and children. This year, this grant is sponsoring "Walk to School Day" at a Kingman elementary school.

**The Commodity Supplemental Food Program (CSFP)** provides 705 nonperishable food boxes to income eligible women, children to age 6, and seniors. As in years past, the contracted caseload has been inadequate to meet demand.

**The Local Incentive Award (LIA)** is funded with State and Supplemental Nutrition Assistance Program Administration dollars through matching federal financial participation from the United States Department of Agriculture (USDA). The program provides nutrition education in local schools, Supplemental Nutrition Assistance Program (SNAP) offices and Woman, Infant, Children (WIC) offices. Curriculum includes healthy breakfast & whole grains for kindergarten and 4<sup>th</sup> grade, Fruits and Veggies More Matters for 1<sup>st</sup> and 3<sup>rd</sup> grade, MyPyramid for 2<sup>nd</sup> grade, and Building Better Bones for 5<sup>th</sup> grade. The importance of hand washing and food safety is taught to all Kindergarten through 5<sup>th</sup> grade classrooms. Last year, 3049 children in Mohave County received this education primarily in Kingman, Dolan Springs, Topock, and Littlefield. Bullhead City and Lake Havasu City schools conduct their own education under separate LIA grants.

In addition to curriculum taught in the classroom, food demonstrations to promote healthy meals and nutrition education is provided monthly to SNAP and WIC offices. Last year, 1835 residents attended the food demonstrations.

**The Mohave County Tobacco Use Prevention Program (MCTUPP)** works to eliminate tobacco use through a variety of programs. Services are provided through multiple sources and subcontractors including local school districts, charter schools, local hospitals and youth coalitions.

Intensive tobacco education was provided countywide to 2,400 4<sup>th</sup> and 6<sup>th</sup> grade students and brief education was given to 2,500 high school freshman.

In addition to education, Kingman and Lake Havasu City youth participated in the Attorney General's Merchant Compliance Program which identifies local merchants who sell tobacco to minors. Kingman High School also adopted the Kingman Youth Coalition Beating Up Teen Tobacco (KYCBUTT) as a school club. These anti-tobacco youth members participate in local and statewide activities and team building skills. They develop and conduct Peer to Peer tobacco education programs to elementary and middle school age children. Their efforts reached more than 2,500 children in the school and 5,000 community members through parades, health fairs, fund raising activities and sporting events. The "Butthead Family", a walking cigarette family, created and built by the youth coalition is a popular attraction at community events.

MCTUPP launched and piloted the first stop smoking text messaging program in North America. Mohave County Stop Smoking On Mobile Phone (MCSTOMP) targets high school youth and young adults through the age of 24. MCSTOMP got international media coverage and was highlighted in the American Public Health Journal.

A new pilot program which targets pregnant smokers and their families began this year. The "Mommy and Me, 0-3" is designed to educate and assist pregnant women to quit smoking and remain tobacco-free after the baby is born.

In the community, county wide health providers were trained and given education materials and referral information to the Arizona Smokers Helpline, a cessation coaching service. Thirty three dental hygiene students and professionals earned Basic Skills Cessation Training Certifications. Limited on site intensive cessation classes were conducted at Kingman Regional Medical Center for adults in Kingman. Through a donation given by KRMC, 200 individuals had the opportunity to attend smoking cessation classes.

## PUBLIC HEALTH NURSING

The Nursing Division of the Mohave County Department of Public Health provides professional nursing services for high risk populations and is responsible for communicable disease control activities throughout the county. Many services are mandated in order to protect the health and safety of Mohave County residents and are free, regardless of household income. Other services are provided on a sliding fee scale basis and others are available at a low, fixed cost. Funding for Public Health programs comes from state and federal grants, fees, donations, and local and state revenues.

This year has proven to be a very exhaustive and challenging year. Our department has been privileged to work directly with many departments and external agencies in response to the H1N1 Pandemic influenza. Staff has taken on roles with responsibilities that we have not previously encountered. We have also experienced, first hand, the significant challenges of continuity of operations. The experience and knowledge gained has prepared our team to more appropriately address issues during large-scale events.

**Newborn Intensive Care Program:** This is a grant funded, free program that features home visits by a Registered Nurse and includes developmental delay follow-up. Facilities such as St. Joseph's Hospital in Phoenix and Flagstaff Medical Center refer babies with potential health problems to the local health department. A nurse arranges for home visits with the family to evaluate and monitor the child's condition, screen for developmental delays, teach care taking techniques, and answer questions. Referrals are often made to other agencies that can assist with the child's special needs. The program serves both Mohave and LaPaz counties.

The NICP program has been impacted by recent budget cuts from the state health department. The program is now limited to visitation for very high medical risk infants which impacts the ability of the nurse to visit all families who qualify for the program thereby reducing the number of visits. In addition to the limitation on visits, the number of newborns admitted to a Newborn Intensive Care Unit decreased from 180 to 141 which also impacts the number of visit conducted.

**Immunization Program:** Free immunizations are provided to *children and adolescents* through the *Vaccines for Children Program*, a federally funded immunization grant, and general fund support. The available vaccines are routine childhood immunizations recommended by the American Academy of Pediatrics and the Advisory Committee on Immunization Practices.

This fiscal year, new vaccination requirements were implemented resulting in an increased number of children requiring vaccination before school entry. To accommodate the increase in demand for vaccinations, the Public Health Nursing division offered additional immunization clinics in each community. Immunizations were also provided at health fairs and other community events to improve access to vaccinations.

**Adults:** Tetanus-diphtheria vaccine is recommended every ten years and Hepatitis B, Hepatitis A, Varicella, MMR, and pneumonia are also available for a minimal fee. Meningococcal is available and recommended for those entering into college or universities. Zostavax and Gardasil vaccines are also available for adults.

**Influenza Vaccine:** Flu vaccine is offered to children 6 months – 18 years of age. Flu season typically begins in November and runs through April in the western region of the United States. Clinics are held in Kingman, Bullhead, and Lake Havasu and usually begin early November. Pneumonia vaccine is also provided for a minimal fee for those with serious medical conditions and those over the age of 65.

**Communicable Disease Program:** Registered Nurses and an Epidemiologist coordinate with local physicians, the Arizona Department of Health Services, and the Centers for Disease Control & Prevention to limit exposure to and control the spread of infectious diseases. Responsibilities includes identifying those who are infectious and individuals with whom they are in contact, conducting laboratory testing, and providing immunization, medications and other disease control interventions when necessary. Information is also provided to the public on health issues that may pose a public health risk.

**Ryan White Care Program:** Assistance is available through this grant funded program for qualifying HIV positive clients. Current services include case management provided by a registered nurse, client eligibility and advocacy, food and nutritional assistance, health insurance continuation, medication and primary medical assistance, and transportation to dental services and infectious disease specialists in Mohave County and Las Vegas, NV.

**Tuberculosis Control and Treatment:** While Tuberculosis is decreasing in other states, Arizona continues to experience a steady number of TB cases each year. To help combat this disease, one-on-one case management is provided for each case of active Tuberculosis under the direction of the Mohave County TB Control Officer. Case management includes Direct Observed Therapy to ensure individuals complete their full course of medications to ensure the health and safety of the public. Treatment for active Tuberculosis is recommended for 6 -12 months.

TB skin testing is provided for a minimal charge. Those with positive skin tests receive counseling, a chest x-ray, and free medication if necessary. A Registered Nurse and TB Control Officer closely monitor the progress of each patient on medication.

**Pregnancy Testing:** Healthy pregnancies start with early prenatal care. Pregnancy testing and counseling are provided on a sliding fee-scale basis as early as fourteen days after a missed menstrual period. Referrals are offered to assistance agencies for pregnant and non-pregnant clients.

**Reproductive Health:** Some individuals have chosen to wait to begin or enlarge their families, so the Nursing Division conducts free and low cost Reproductive Health Clinics through grant funding. These clinics provide birth control to those who otherwise could not afford it. Clinics are staffed by professionals who specialize in women's health. Additional funding for this program has been provided by Arizona Family Planning Council to enhance the services available for our clients. This program has experienced an increase of 37.85% in the number of unduplicated clients.

**Sexually Transmitted Disease Clinic:** As a result of reduced funding for this program, Mohave County has instituted a sliding fee schedule into this program to allow access to services based on income.

According to Healthy People 2010, STD's disproportionately affect adolescents and young adults. With funding received from the Infertility Prevention Program we have conducted STD testing for 677 females age 25 and younger 43% of the females in that age group. Nine hundred and forty one females were tested for gonorrhea and Chlamydia reflecting 33% of the same age group as above. Public Health Nursing has seen an increase in clinic visits requesting STD testing and treatment.

**HIV Testing and Counseling:** HIV testing and counseling is provided *by appointment only* for a minimal fee. Registered Nurses are trained and certified by the Arizona Department of Health Services to provide risk reduction counseling and testing for HIV. Testing is conducted using strict confidential procedures to ensure patient privacy. Mohave County has implemented rapid testing services which allow same-day results. Each testing session lasts approximately 20-30 minutes. Blood specimens are submitted to Arizona State Laboratory for confirmation testing only with results provided within two weeks.

In addition to offering testing to high risk individuals, HIV testing has been offered to all clients being screened and treated for Tuberculosis in an effort to identify those that may be co-infected. 109 HIV rapid tests were given during fiscal year 08/09.

**Health Start Program:** This grant funded home visiting program is a free service that permits a lay health worker, or “promotora”, to be a resource for pregnant women and their families. After the birth of the child, the promotora visits the family in the home to provide education on health and safety issues such as immunizations, car seat safety, home safety and many more. High risk mothers and infants are visited by a Registered Nurse to facilitate and encourage positive outcomes.

*Never Shake a Baby Arizona* commitment form was implemented at the beginning of FY 08/09 to help parents have a plan for when their baby cries and who they can call for help.

In 2008, the number of births in Mohave was 2,301 of which 44 (1.9%) had no prenatal care. 1,820 women who gave birth received prenatal care during the first trimester, which is 79.1% of the total births in 2008.

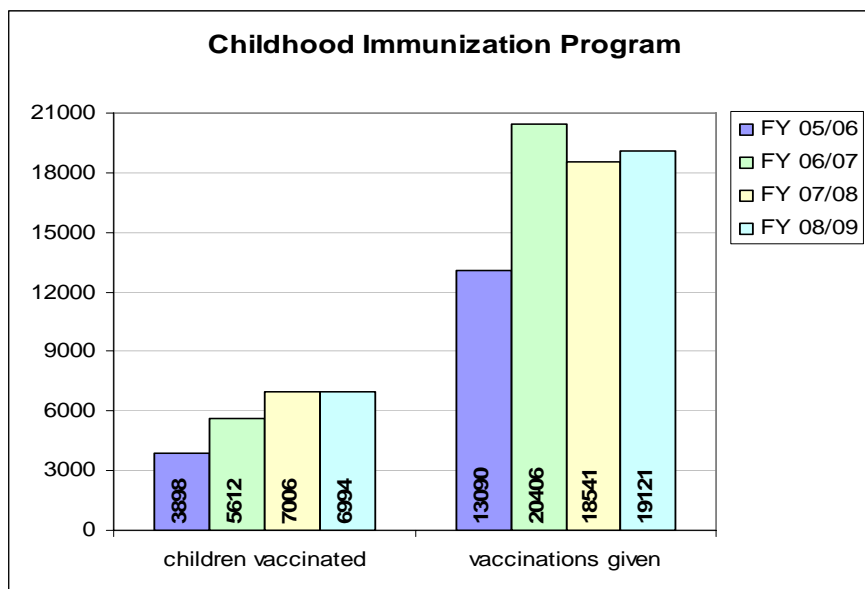
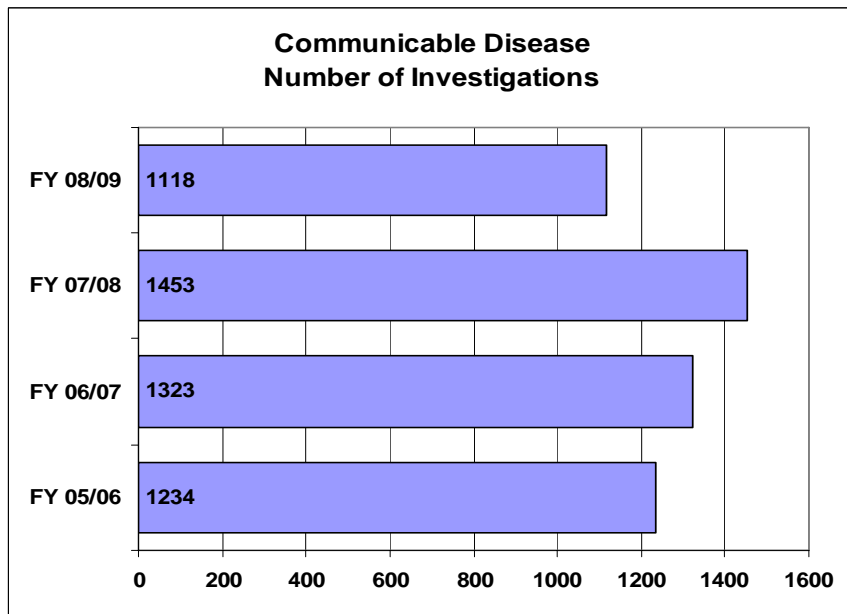
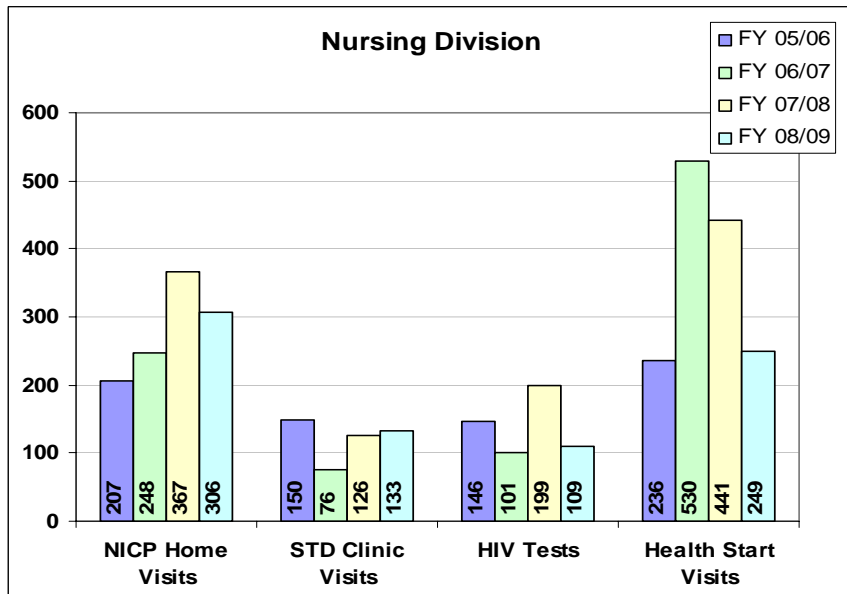
**Teen Pregnancy Prevention Program:** This grant funded program was implemented in March 2008 to address teen pregnancy rates in Mohave County. The program provides educational sessions for adolescents and parents in a school-based setting. Highly trained and professional educators provide a series of classes to teach students pregnancy prevention strategies. Educators utilize curriculum authorized by the Department of Education and local school administrations.

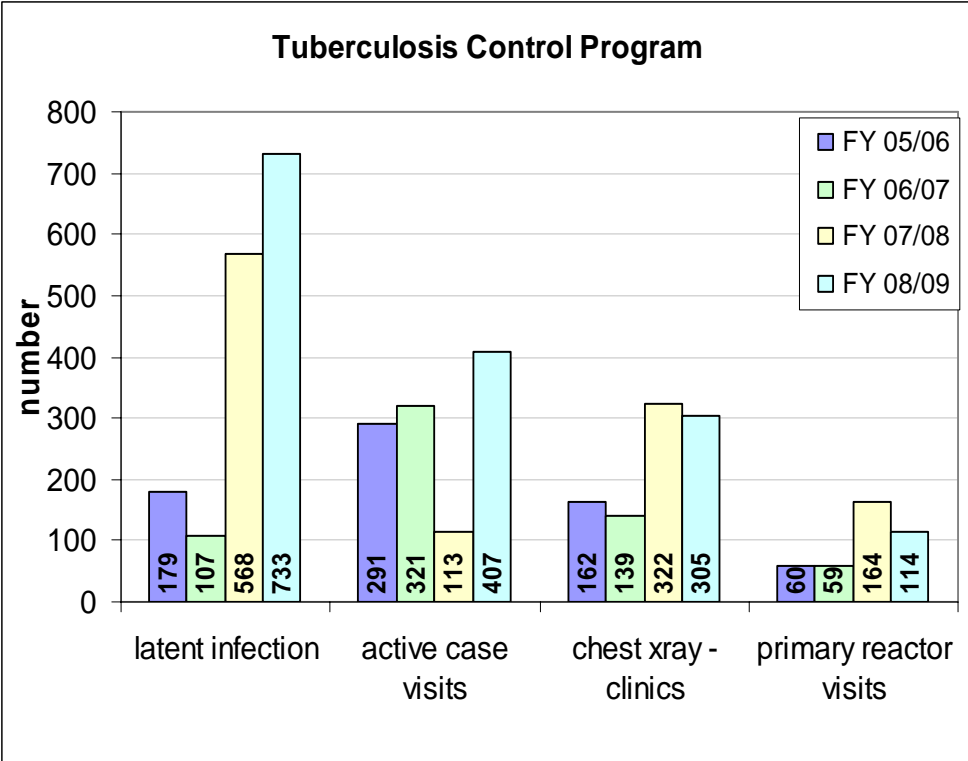
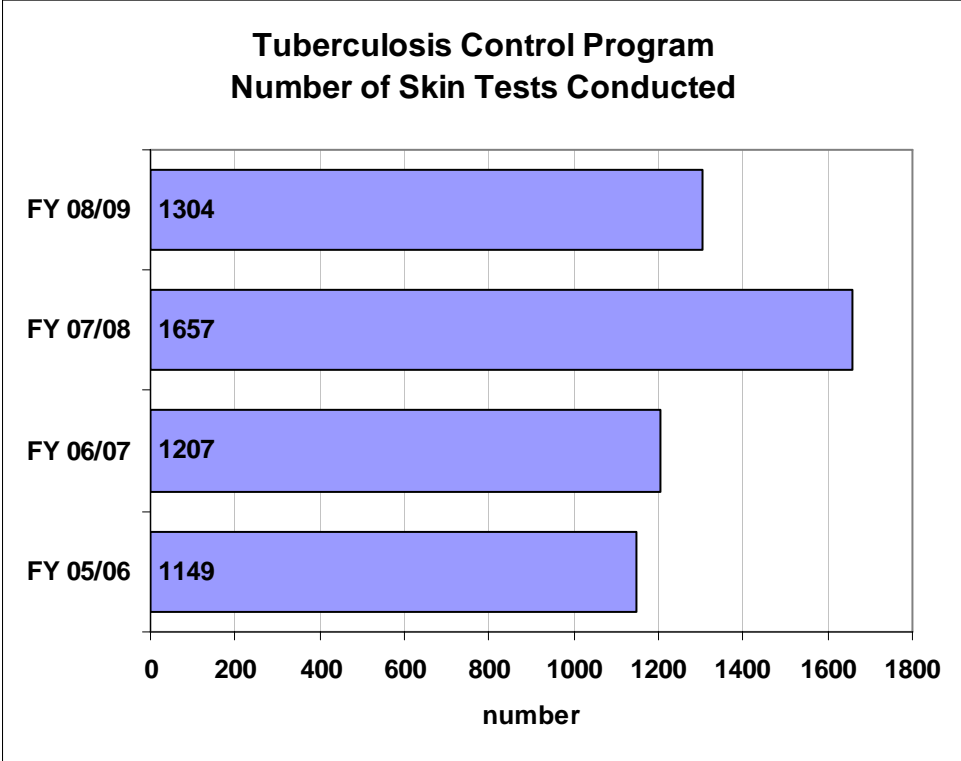
The 2008 teen pregnancy rate (number of pregnancies per 1,000 females age 10 - 19) for Mohave County was 28.1 and the birth rate was 27.3. Of 340 pregnancies among females 19 and younger 331 were live births.

**Mohave County Department of Public Health  
Nursing Division Statistics**

	FY 05/06	FY 06/07	FY 07/08	FY 08/09
<b>Newborn Intensive Care Program</b>				
Home visits	207	248	367	306
<b>Communicable Disease</b>				
Disease investigations	1,234	1,323	1,453	1118
<b>Childhood Immunization Program</b>				
Children vaccinated	3,898	5,612	7,006	6,994
Vaccinations given	13,090	20,406	18,541	19,121
<b>Adult Immunizations Program</b>				
Tetnus-Diphtheria	243	189	169	186
Hepatitis B	305	336	359	325
Hepatitis A	171	132	66	73
Varicella	25	43	17	41
MMR	179	147	115	201
HPV	--	1	4	44
Zostovax	--	10	155	157
Meningococcal	--	17	14	14
Influenza	5,959	3,031	2,969	845
Pneumonia	1,016	328	620	41
<b>Tuberculosis Control</b>				
TB skin tests	1,149	1,207	1,657	1304
Latent TB infection	179	107	568	733
Active case visits	291	321	113	407
Active case	7	3	4	3
Chest x-ray/clinics	162	139	322	305
Primary Reactor Visit	60	59	164	114
<b>Reproductive Health</b>				
Pregnancy Tests	316	708	710	869
New/Annual visits *	971	889		
Unduplicated clients			885	1220
<b>Sexually Transmitted Disease</b>				
Clinic visits	150	76	126	133
<b>Well Woman</b>				
Clinic visits	9	0	0	0
<b>HIV Counseling and Testing</b>				
HIV tests	146	101	199	109
HIV post counsel	112	95	143	109
<b>DNA Lab Draws</b>	0	0	0	0
<b>Health Start</b>				
Visits	236	530	441	249
<b>Teen Pregnancy</b>				

\*New/Annual visits-change in data reporting to reflect unduplicated client count





## SENIOR PROGRAMS

The main purpose of Mohave County Senior Programs is to provide hot, nutritious meals to seniors and disabled citizens within the county. This is accomplished by providing congregate meals at senior center sites and by providing homebound seniors a hot meal and welfare check via the "meals on wheels" program. Due to an increase in fuel, food prices and units of service, some remote areas receive one hot meal with the remaining meals frozen. This reduces fuel and personnel expenses as a result. Senior Programs conducts daily phone checks in these instances and continues to call until we connect with the senior receiving frozen meals.

Senior Programs offers other programs such as socialization, education, and support services at each of the senior centers. These services range from Social Security and Attorney General satellite offices located within several of the senior centers to activities such as bridge, tax aide, legal aide, yoga, crafts, parties, and exercise classes. The Senior Centers have volunteers who help seniors with problems related to Medicare Part D. Four senior centers exist within Mohave County with sites in Bullhead City, Golden Shores, Kingman and Lake Havasu City.

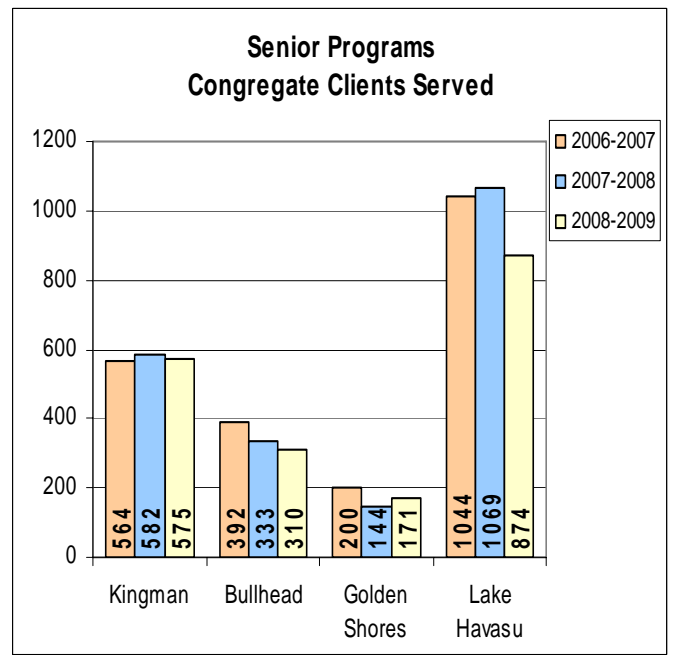
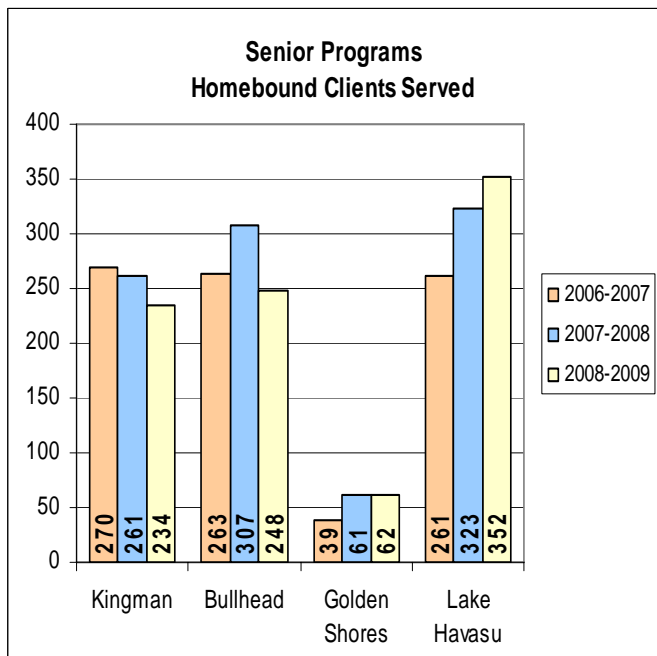
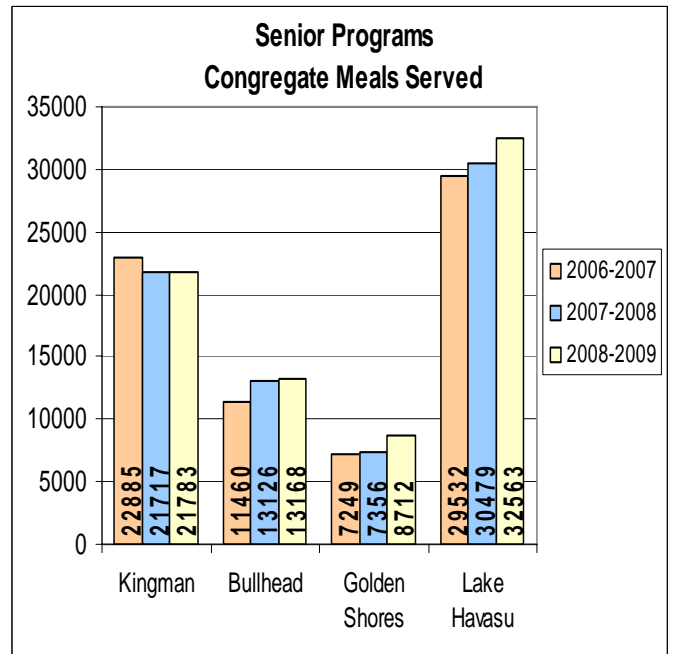
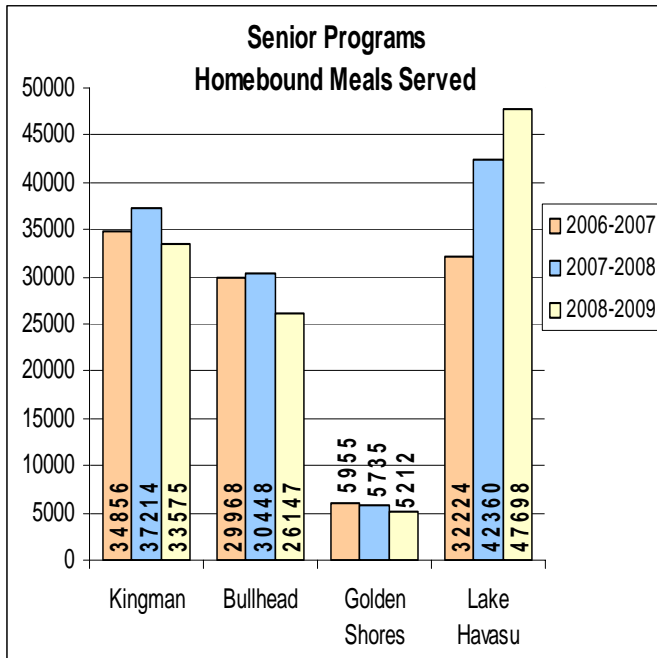
The funds to run the senior center nutrition programs come from federal funds via the "Older Americans Act", Mohave County general fund, and donations from participants. AHCCCS/ALTCS also contracts for services for home delivered meals for their clients. There are thrift shops at the Bullhead City, Kingman and Lake Havasu Senior Centers. The thrift shops are operated by senior non-profits and the revenues are used to help pay for a portion of program expenses such as utilities, food purchases, equipment purchases and emergency repairs.

Senior Programs served 188,858 meals to a total of 2,826 people during fiscal year 2008-2009. Volunteers are a key to the success of senior programs and during this year over 300 volunteers donated their time to helping at the Senior Centers. Senior Programs continues to seek ways to reduce expenditures and increase donations. Local grocers donate bread products and Senior Programs completed its first year of a cooperative purchasing partnership via the ASPIN (Arizona School Partners in Nutrition) cooperative food service purchasing program. By becoming part of a partnership, Senior Programs gets guaranteed prices on food product and prices can't be raised without ample justification.

Senior Programs completed a Community Development Block Grant (CDBG) Program at the Golden Shores Community Center. A new roof was installed as were air-conditioners and flooring. The kitchen serving area and the bathrooms and were also made ADA compliant. Senior Programs received CDBG funds from the county to purchase ten (10) new meal delivery vehicles in order to increase the number of home delivered meal routes and participants served. We also received CDBG funding from the City of Kingman to purchase kitchen equipment for the Kingman Senior Center.

Number of Meals Served:

	<u>Home Delivered</u>	<u>Congregate</u>
Bullhead City	26,147	13,168
Golden Shores	5,212	8,712
Kingman	33,575	21,783
Lake Havasu	47,698	32,563
<b>Total</b>	<b>112,632</b>	<b>76,226</b>



## **BIO TERRORISM DEFENSE AND EMERGENCY RESPONSE**

In August 2008 the Health Department began their first steps toward Project Public Health Ready (PPHR) recognition. PPHR is a competency-based training and recognition program that assesses preparedness and prepares health departments to respond to emergencies. The PPHR process helps agency staff prepare to respond to emergencies, integrates emergency preparedness into daily public health activities and helps staff better understand their unique roles and responsibilities in an emergency. PPHR maintains emergency preparedness criteria that are divided into three main goals:

- All Hazards Preparedness Planning
- Workforce Capacity Development
- Exercises/responses to real events to evaluate preparedness

PPHR is a framework that assists agencies to reach a level of excellence in public health preparedness with national recognition through utilizing a continuous quality improvement process (CQI) of planning, training and exercising. While the Bio Defense Division coordinated PPHR, revised the all hazards plan and epidemiology sections, every division in the health department participated and contributed to the process. Almost 2000 pages in length, the PPHR submission includes 23 annexes, 16 appendices and 37 other documents.

In September 2008 we conducted an Isolation & Quarantine tabletop exercise. The purpose of this exercise was to evaluate an isolation and quarantine (I & Q) response resulting from an influenza pandemic and to strengthen I & Q plans and capabilities within a local jurisdiction. The exercise tested Mohave County's ability to protect the health of the population through the use of isolation and/or quarantine measures in order to contain the spread of disease.

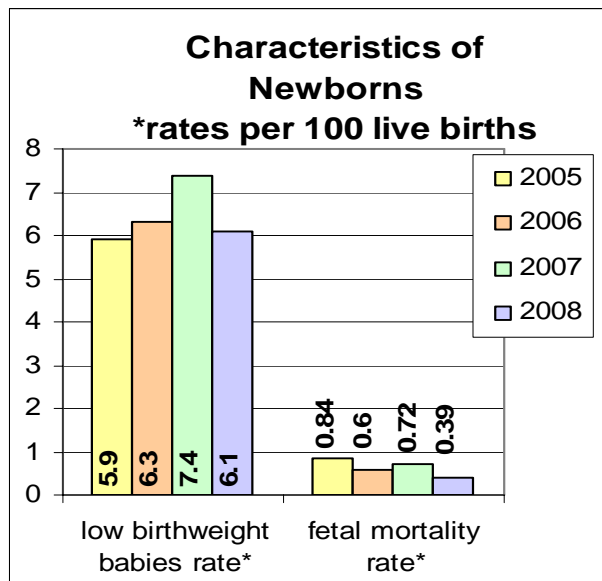
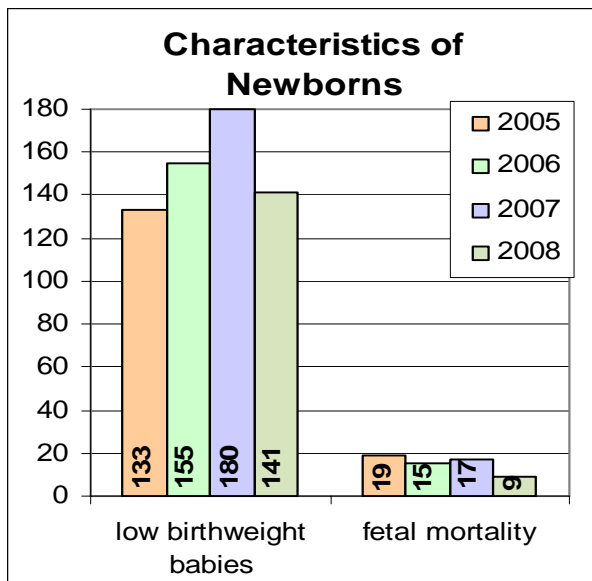
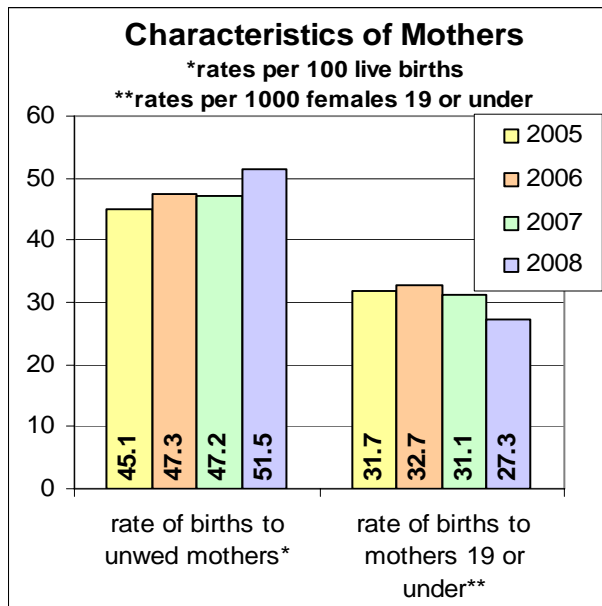
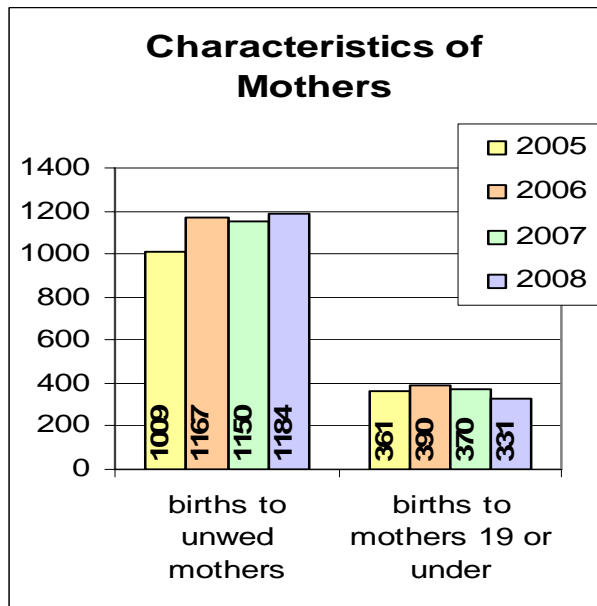
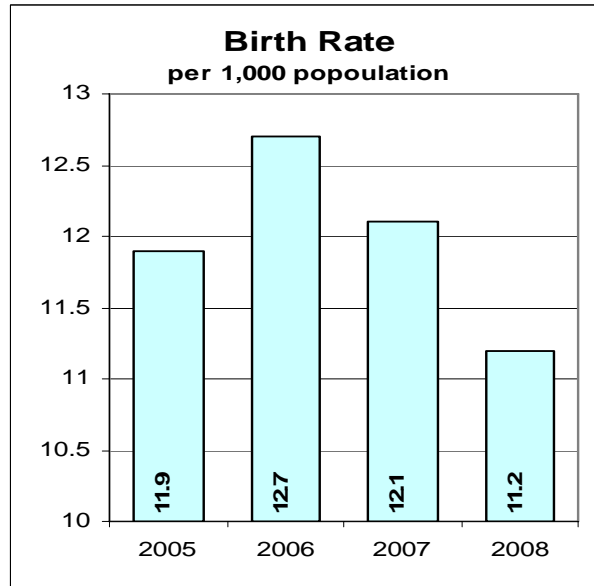
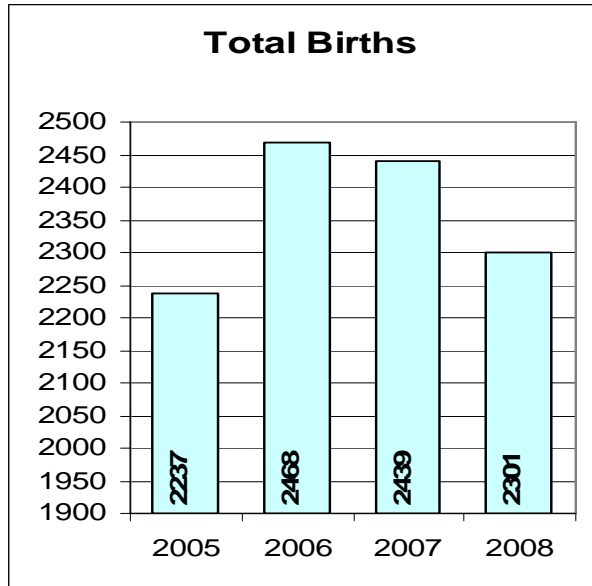
The health departments of Mohave, LaPaz and Yavapai joined together and obtained a state homeland security RAC grant to test the regions ability to share resources and provide mutual aid response. In May 2009, a Tri-County PODEX Full Scale Exercise was held at the Fort Mojave Event Center to test the tri-counties capability to activate and set up a Points of Dispensing (POD) center in response to a pandemic.

Operating with the funding from the same grant, in June 2009 the Western Regional Special Needs Shelter table top exercise was held in Prescott. The purpose of this exercise was to assess the adequacy of local plans and the abilities of multiple organizations in the Western Region to work together, communicate and respond to a natural disaster triggering a large-scale population evacuation. Health department staff along with Medical Reserve Corp (MRC) volunteers participated in the exercises.

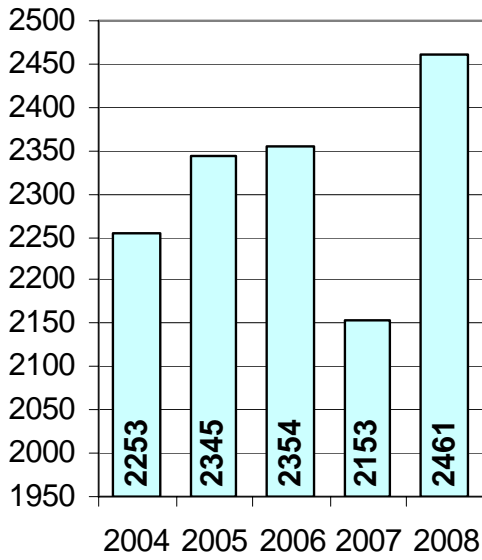
Our MRC volunteers participated at many emergency preparedness and community events such as the Lake Havasu Winterfest, the Mohave County Fair, the Bullhead City Safety Fair, Hardyville Days, and the "Havasus Stick'em" Health Fair and Immunization clinic.

MRC volunteers operated the health department phone bank in April 2009 to support a response for the H1N1 (swine flu) outbreak. Overall, MRC volunteers donated a total of over 1,500 hours in 2008. In 2008, the Independent Sector (IS), a Washington, D.C.-based coalition of nonprofits and foundations, valued the hourly rate of volunteer hours at \$20.25. This equates to our MRC volunteers contributing \$30,375 in time to Mohave County in 2008.

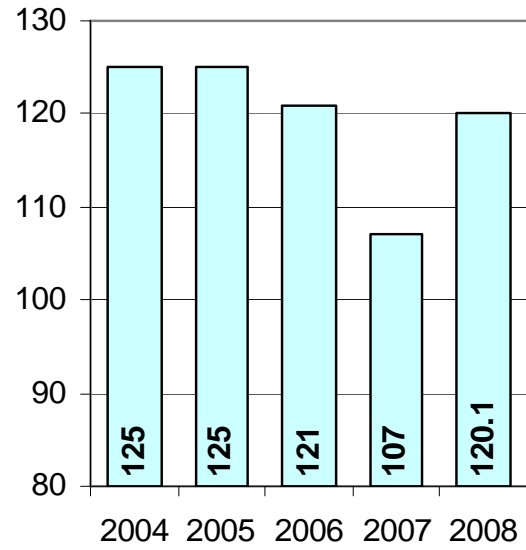
# PATTERNS IN HEALTH, MORBIDITY, AND MORTALITY



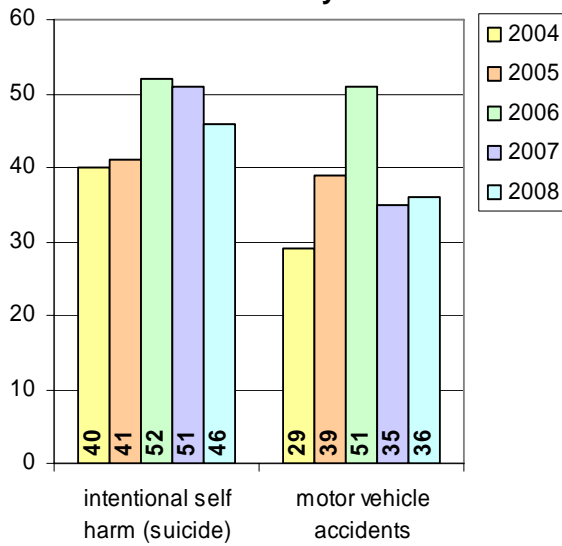
### Number of Deaths



### Death Rate per 10,000 population



### Patterns in Cause-Specific Mortality



### Patterns in Cause-Specific Mortality Rate per 100 deaths

