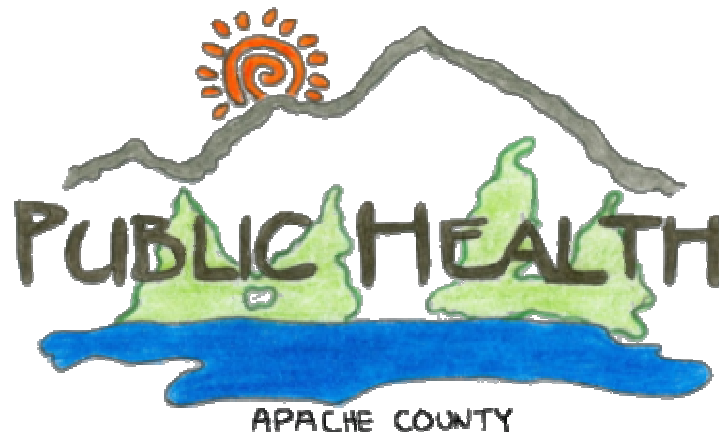


**Apache County Public Health Services District
Annual Report
2009-2010**



December 21, 2010

Prepared by

Chris G. Sexton, Health Director

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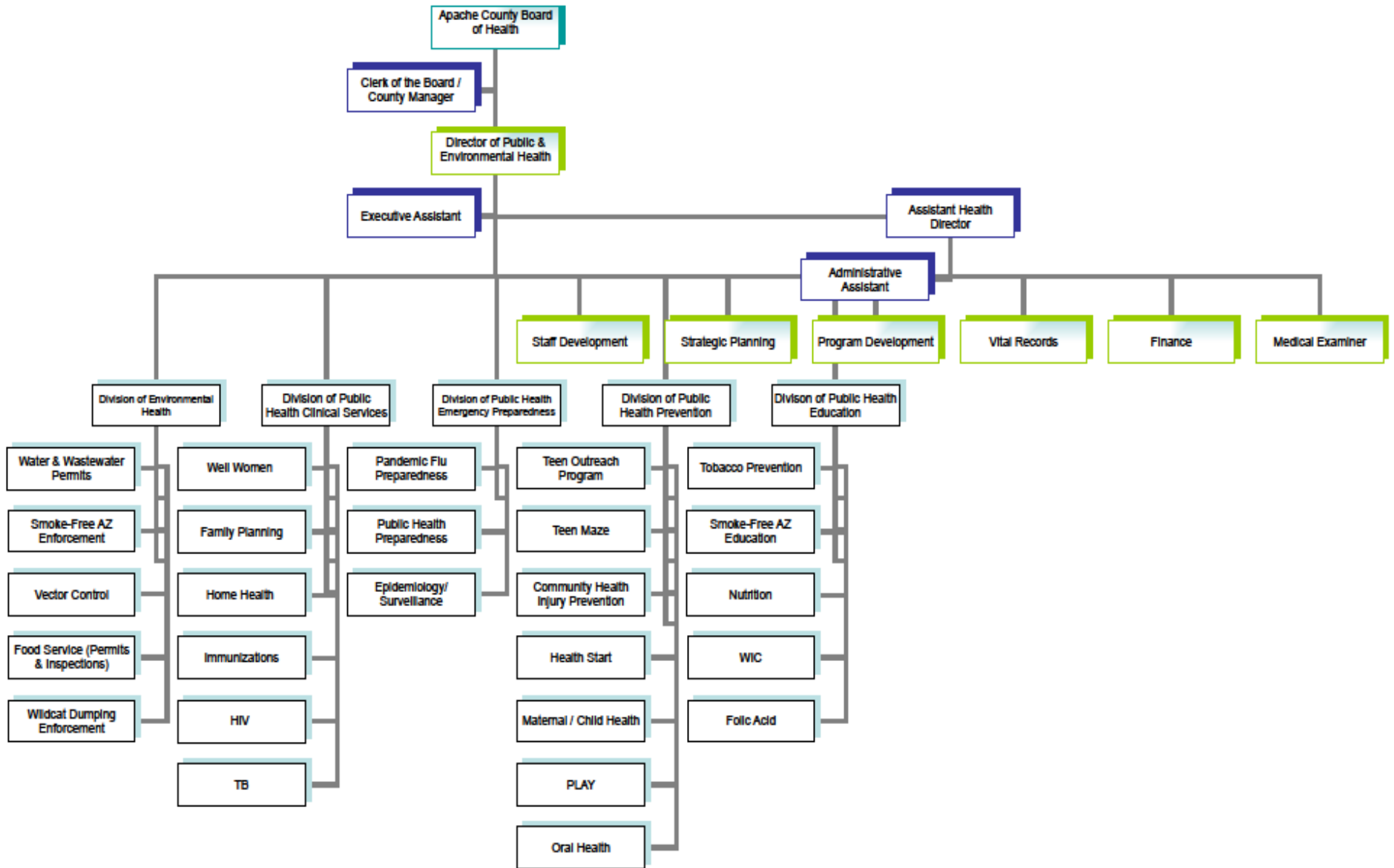
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Introduction:

On July 1, 2007 the Apache County Public Health Services District (ACPHSD) was formed by the Apache County Board of Supervisors. This was the third year for the operation of the ACPHSD. The ACPHSD has enjoyed stable funding for the past *two* years. New services are available, infrastructure improvements have been made, and organizational restructuring including the creation of new positions has led to greater accountability and better communication.

The annual report as required by A.R.S. § 36-186(7), is an opportunity for the Director to formally report the progress and challenges of the past year, as well as to make recommendations for the future. It is my hope that this report will provide some insight into the valuable services provided by the Apache County Public Health Services District employees as well as outline how the ACPHSD has enhanced public health services in the 2009-2010 fiscal year. I would like to extend my gratitude to the Apache County Board of Supervisors and County Manager for their support in promoting public health throughout the county.

Chris G. Sexton, Health Director



Public Health District Employees as of July 01, 2010

<u>Title/Position</u>	<u>Employee Name</u>
1 Health Director	Chris Sexton
2 Assistant Health Director	Keli Sine-Shields
3 Executive Assistant	Kimberly Penrod
4 FT Administrative Assistant - Vital Records	Michael Johnson
Contract Medical Examiner	Dr. James Sielski
Contract Medical Consultant	Dr. Catherine O'Rourke Taylor
Division Manager - Public Health Clinical Services	Shonde Burgess, R.N.
5 Program Coordinator II	Devonie Norman
6 Program Coordinator I	Tomee Brown
7 Public Health Nurse RN	Shonde Burgess
8 Public Health Nurse LPN	Catherine Chustz
9 Secretary/Receptionist	Carla Walker
10 PT Custodian	Stuart Wilkins
11 Division Manager - Public Health Emergency Preparedness	Kellie Monterrosa
12 Epidemiology Nurse Coordinator	Bill Worsnop
13 Administrative Coordinator	Gaylene Kirkhorn
14 CERT Coordinator	Jean Wilson
15 Temp. Administrative Assistant	Kerry Pena
Secretary	Misty Anderson-Bond
16 Division Manager - Public Health Prevention	Debbie Padilla
17 Program Coordinator II	Octavia Thompson
18 Program Coordinator I	Tomasa Lozoya
19 FT Health Educator	Malena Bazurto-Jaramillo
20 FT Health Educator	Michelle Palmer
21 FT Health Educator	Tyla Merrill
22 FT Health Educator	Michael Schacht
23 PT Health Educator	Laura Salazar
Contract Hygienists/Assistants	Allen, Morse, Soderquist, Rogers
24 Division Manager - Public Health Education	Robin Aguero
25 Program Coordinator II	Lee Castillo
26 Program Coordinator I	Mary Romero
27 FT Health Educator	Desirae Erhart
28 FT Health Educator	Suzanne Trezise
29 FT Secretary/Receptionist	Theresa Jumper
30 FT Health Educator II (WIC)	Sophie Villagomez
31 Dietician	Erin Howard
32 PT Health Educator	Donna Hauser
Division Manager - Environmental Health	Chris Sexton
33 Environmental Health Coordinator	Jonathan Catlin
34 Administrative Assistant	Liz Castillo

District Activities and Services:

Public Health Administration

Coalition to Advance Health Resources and Essential Services (CAHRES):

As mentioned in previous Apache County Public Health Services District (ACPHSD) annual reports, a goal was set to undertake a community-wide strategic planning process called Mobilizing for Action through Planning and Partnership (MAPP). This year significant progress was made in developing a vision of the future state of community health in Apache County. The CAHRES Committee decided on “Southern Apache County – where engaged and informed residents make beneficial choices to impact well-being through purposeful use of a broad range of services, programs, and facilities” as the vision statement.

Assistant Health Director Report:

Staff Development:

In the fiscal year 2009/2010, the staff development and training program proceeded as it had the year before. Maintaining a staff development program was a priority in order to meet the eighth Public Health Essential Service; *ENSURE A SKILLED, COMPETENT PUBLIC HEALTH WORKFORCE*, ensure National Incident Management System (NIMS) training compliance for all staff, and because the ACPHSD leaders believe that quality services can only be delivered by well trained, knowledgeable staff.

New employees are introduced to public health practice by taking online courses that include an introduction to public health and an orientation to the Incident Command System (ICS 100 & 700). While learning their job duties, new employees build a foundation in public health upon which they will add layers of knowledge as they continue their careers.

Annual mandatory training for all staff is a core component of the staff development and training plan. The mandatory number of training hours required are outlined in the ACPHSD training policy and the classes offered for the year are outlined in calendar form accessible to all staff. Employees are required to attend a minimum number of training hours depending on their length of employment and whether they are a full or part-time employee. For example, full-time employees with less than five years experience are mandated to attend 40 hours of training during the calendar year. Additionally certain classes are mandated while others are elective in nature. In the 2010 training year (January 1, 2010 - December 30, 2011) bloodborne pathogens, Confidentiality and HIPAA training were required for staff. The majority of the 2010 trainings have been facilitated by current public health management staff and other local experts in an effort to keep training costs down and to utilize local talent.

2010 classes include:

- Bloodborne Pathogens
- Breast Health
- Hand Washing/MRSA

- Foodborne Illness
- Chronic Disease Management
- Confidentiality
- Mayo Won't Make You Sick
- Critical Incident Stress Management (Basic and Intermediate)
- Major Vector-borne and Zoonotic Diseases of the Southwest
- Rules to Eat By: Making Good Nutrition a Part of Your Life
- CPR with AED
- Mock Disaster Training
- Women and the Media
- POD Study/Training

Vital Records & Medical Examiner:

The office of Vital Records registers deaths and issues certified death certificates for all deaths occurring in Apache County. The Vital Records office is supervised by the Assistant Director, Keli Sine-Shields. Michael Johnson is a part-time employee who provides the majority of the death registration work including: receiving requests for disposition transit permits and generating permit numbers, receiving death certificates from funeral homes and entering the data in the electronic system, investigating and clearing incomplete or incorrect data, and answering public inquiries.

This year the funeral homes and Medical Examiners (MEs) began entering their data directly into the electronic system. The electronic data is forwarded to Apache County for review and certification.

Dr. James Sielski is currently serving as Medical Examiner in Apache County. The ME is responsible for ordering autopsies and authorizing cremation. Ten autopsies were ordered by the ME in 2009-2010 fiscal year.

Vital Records & Medical Examiner Measures

MEASURE	Fiscal Year		% Increase / Decrease
	2008-2009	2009-2010	
# of certified copies of death certificates issued	1705	1223	28% decrease (08/09 figure includes no charge certificates for SSA and VA, 09/10 figure does not)
# of autopsies completed	19	10	47% decrease

Apache County Child Fatality Review Team:

The Apache County Public Health Services District continues to be an active participant in the Apache County Child Fatality Review process. Public Health contributes to the review process by collecting the information necessary to complete a detailed review of the circumstances surrounding each child death that occurs in Apache County. During each review, the team completes a standardized data form and develops recommendations for reducing preventable childhood deaths. A local multidisciplinary team meets throughout the year to complete the reviews. The local team consists of representatives from the Apache County Attorney's office, Physicians, local law enforcement, Child Protective Services, Little Colorado Behavioral Health Center, New Hope Ranch, CASA, Navajo Nation Division of Social Services and the St. Johns School District. During 2008 twenty (20) child deaths were reviewed and in 2009 the number was twenty-eight (28) deaths.

Community Involvement:

ACPHSD employees represent public health in a variety of community settings and coalitions such as:

- Arizona Local Health Officers Association (ALHOA) –Chris Sexton
- Arizona County Directors of Environmental Services Association (ACDEHSA) – Chris Sexton
- Apache County Child Fatality Review Team – Keli Sine-Shields, Michael Johnson, Debbie Padilla
- Apache County Continuum of Care – Keli Sine-Shields
- Safe Kids Coalition – Debbie Padilla
- E-Team – Liz Castillo
- LEPC – Kellie Monterrosa, Keli Sine-Shields
- Special Needs sub-committee LEPC – Shonde Burgess, Kellie Monterrosa, Jean Wilson
- Citizen Corps Council – Jean Wilson
- Navajo Nation Emergency Preparedness coalition – Kellie Monterrosa
- Arizona Local Public Health Emergency Response Association (ALPHERA) – Kellie Monterrosa (Current President)
- Arizona County Directors of Nursing Association (ACDONA)–Shonde Burgess
- Coalition to Advance Health Resources and Essential Services (CAHRES) – Suzanne Trezise, Robin Aguero, Keli Sine-Shields, Chris Sexton
- LATCH/AZ – Statewide breastfeeding coalition – Lee Castillo,
- Arizona Local Agency WIC Association (ALAWA) – Robin Aguero, Erin Howard
- Apache County Drug Free Alliance – Keli Sine-Shields
- Apache County Youth Council – Robin Aguero, Keli Sine-Shields, Octavia Thompson
- Diabetes Advisory Council at WMRMC—Erin Howard
- Wellness Coalition at WMRMC—Malena Jaramillo
- Kids in the Woods Leadership Group –Malena Jaramillo

Division of Public Health Clinical Services (PHCS)

The Clinical Services Division implements several grant funded programs to the community. There has been change in the department with the closure of the Home Health Program, the addition of a Child Care Health Consultant and the acquisition of Title X funds for the family planning program. Not only were there changing in programs but in staff as well, Jennifer Foote, RN stepped down as Division Manager, and Shonde Burgess, RN was promoted into the position. PHCS currently provides the following programs, Immunization Services, Tuberculosis Control Program, HIV Services, Family Planning, Well Women Health Check, and Child Care Health Consultant. Blood pressure checks were also offered at the Round Valley Senior Center on Tuesday afternoons and the St John's Senior Center on Wednesday afternoons. Clinical Services also participates in Health Fairs throughout Apache County offering free TB screening and information for vaccinations, family planning, and the Well Women Program.

Immunization Services:

Free immunizations are offered to all children up to the age of 19 years of age through the Vaccinations for Children Program (VFC), a federally funded entitlement program. Immunizations for adults are also offered through the Vaccination for Adults (VFA) program, the 317 program which provides hepatitis vaccines to uninsured adults at high risk of contracting hepatitis, and through privately purchased vaccines that are offered for cash paying adults.

Weekly immunization clinics are held in Springerville on Tuesdays and St. Johns on Wednesday. The second Tuesday of the month the clinic in Springerville is extended until 7:00 pm to accommodate those who would not be able to make our regular scheduled clinics. During busy seasons such as back to school and flu, the clinics are extended to daily clinics Monday- Thursday. During flu season many out clinics were scheduled to include Alpine, Round Valley, Concho, and St. John's schools, Sanders, Ganado, Assisted Living Homes, Dentist's offices, Dr. office's, and many of the county offices. A flu campaign with the PHEP Division allowed Clinical Services staff to go to the Apache County Schools and offer the seasonal and H1N1 vaccinations to all school aged children throughout Apache County.

Immunization Services also serves as case managers for the Perinatal Hepatitis B Prevention, a program for pregnant mothers infected with hepatitis B virus (HBV). Case management educates the mother on the risks of hepatitis B to herself and her newborn, ascertains the vaccination history of all household contacts and vaccinates those as needed, contact with the birthing facility regarding the administration of immune globulin and the first hepatitis B vaccination within 12 hours of birth, and assures the completion of the hepatitis B vaccination series and the post vaccination testing. Since the implementation of this program in 1990, the transmission of HBV has been significantly reduced in the US.

Immunization Services records historical and current immunization data into the AZ State Immunization Information System (ASIIS), a HIPPA approved immunization registry. ASIIS provides access to immunization records for authorized physicians, school health personnel, and state programs assessing the Healthy AZ 2010 initiative.

Immunization Services promotes immunization completion by age two (2) through education at community health fairs and reliable vaccine information resources, reminder cards to parents that their child is due for immunizations and phone calls to parents whose child is past due on their vaccinations. ASIIS provides a monthly county-wide *missing DtaP* list which we use to notify the administering clinics and a card to the parents to make an appointment with their provider.

Immunization Services has also begun to contract with insurance providers. This allows Clinical Services to bill an inoculation fee for vaccinations given to children and offering insurance billing to private paying adults. This supplements the District financial support and grants support already given to the program.

Immunization Service Measures

MEASURE	Fiscal Year		% Increase /Decrease
	2008-2009	2009-2010	
# of Children Patients (<i>birth through 18 years</i>)	1,248	2,759	121.07%
# of Completions by 24 months of age	52	48	-7.6%
# of Adult Patients (<i>19 and up</i>)*	1,551	2,530	63.12%
Total # of Patient Visits	3,486	7,661	119.76%
Total # of Vaccinations	5,403	9,658	78.75%
Total # Children's Flu Vaccinations	412	1,673	306%
Total # of Children's H1N1 Vaccinations		2,111	n/a
Total # Adult Flu Vaccinations	1,309	2,414	84.4%
Total # Adult H1N1 Vaccinations		1,785	n/a
# Reminder/Recalls mailed	6,710	4,793	-25.56%
# of Updated Patient Demographics in ASIIS	5,425	7,810	43.96%
# of Updated Patient Vaccination History in ASIIS	9,274	10,769	16.12%

Tuberculosis Control Program:

The Tuberculosis Control Program provides Tuberculosis Skin Tests, test results, referral for diagnostic testing, investigation, management of latent tuberculosis infection, and Direct Observation Therapy (DOT) for tuberculosis disease.

TB skin testing is offered during Immunization Clinic hours in Springerville and St. Johns for \$10 to non-contact, non-suspect cases. Contact and suspect cases are tested at no charge.

During the 2009-2010 year one (1) TB skin test read positive, a Quanterfuron Gold test was performed; the results were negative, clearing the suspect case.

Apache County contracts with Northern Arizona Council of Governments (NACOG) to provide TB skin tests to Head Start students and staff. In 2008 NACOG revised their criteria for testing to high risk individuals only. None from this high risk group had positive skin tests.

Tuberculosis information is available to the public through our office, and at health and resource fairs.

Tuberculosis Control Measures

MEASURE	Fiscal Year		% Increase / Decrease
	2008-2009	2009-2010	
# of PPD Tests Placed	199	148	-25.62%
Head Start students/staff	17	1	-94.11%
Community	182	147	-19.23%
# of Chest x-rays ordered	1	1	n/a
# of Positive results	1	0	n/a

HIV Prevention Services Program:

HIV Prevention Services provides confidential HIV counseling, rapid testing and referral services, targeting populations at highest behavioral risk for HIV, and those infected with TB. Additionally, the program offered a simple urine test for Chlamydia and Gonorrhea, treatment of disease for patient and partner(s), and makes condoms and educational material available through the confidential “brown bag” program.

HIV rapid tests are offered by appointment only. The cost of an HIV rapid test is based on a sliding fee scale from \$0-\$25 for individuals who are not at high-risk or infected with TB. High-risk individuals or those infected with TB are tested at no charge.

STD testing and treatment services are offered free of charge. Appointments are encouraged. STD services will be provided under a new contract which began in May 2009. The new contract will allow the financial means to provide blood tests for other sexually transmitted diseases, courier and laboratory fees, and education and out-reach.

HIV Program Measures

MEASURE	Fiscal Year		% Increase / Decrease
	2008-2009	2009-2010	
# Pre-test evals completed	9	12	33.33%
# HIV Rapid tests completed	9	12	33.33%
# HIV blood tests completed	0	0	
# of partner notifications	0	0	
# of Urine STD Tests	30	50	66.66%
# of brown bags	350	502	43.42%

Reproductive Health/Family Planning Services:

Family Planning Clinics are held in Springerville one day a month with Debra Smalley, RNP, CNM. Services include nutrition, birth control and STD education and counseling, urinalysis, pelvic exam, cervical smear, clinical breast exam, and Chlamydia and Gonorrhea screening. Abnormal pap smears are referred to the WWHC program. There is no cost to patients with no health insurance, that have a household income under 100% of the federal poverty level, who desire access to birth control, pregnancy testing, and/or STD testing.

Contraception offered by Apache County includes oral contraceptive pills (OCP), Depo-Medroxyprogesterone Acetate (DMPA) contraceptive injections, or contraceptive film and condoms. OCP are dispensed at the office in Springerville and in St. Johns DMPA is administered in the office by standing orders by nursing personnel at no charge. There is no fee for film and condoms.

Clients using an OCP or DMPA are screened four times a year for health and behavior risks by completing a contraception evaluation. Blood pressure and weight are taken at each visit and education and pregnancy tests are given and assessed. Family Planning paperwork, initial screening and education, and refills are generally taken on a walk-in basis or by appointment.

Pregnancy tests and referrals and urine screening for Gonorrhea and Chlamydia for non-Family Planning clients, both men and women, are available on a walk-in basis or by appointment. There is no charge to women under the age of 19 and a small charge to men and women over the age of 19. "Brown Bags" consisting of condoms, lubricant, and STD/HIV educational material are available at no charge to men and women by walk-in. Condoms and some educational materials are provided by ADHS HIV Prevention Program. Both the patient and partner(s) of a positive Chlamydia or Gonorrhea case are treated in the office by standing orders by nursing personnel at no charge. A follow-up STD urine test is requested. Azithromycin is provided by ADHS. In the future services such as pap, cervical exam, and DEPO shots may be offered to clients who do not meet the financial criteria on a sliding fee scale in order to generate additional income for the program.

A new contract with Title X has been initiated for the 2010-2011 year that will allow family planning services to expand to St. Johns once a month and provide an additional clinic in Springerville, with appointment times until 6:30 pm to accommodate those clients who need to come in at a later time. These clinics will start in September 2010.

Family Planning

MEASURE	Fiscal Year		% Increase /Decrease	# of Clients < 18 Years Old	# of Positive Tests	# of Clients < 100% of Federal Poverty Level
	2008-2009	2009-2010				
# of Family Planning Clients	72	97	34.72%	21		82
# of Family Planning Visits	291	301	12.02%			
# of Pregnancy Tests	146	120	-17.80%		16	

Well Women Health Check:

The Well Women Health Check Program (WWHC) is a breast and cervical cancer screening program that serves women with a household income of up to 250% of the federal poverty level. WWHC paid 50% or \$250 of the fee for the Mobile Onsite Mammography unit (M.O.M.) to travel to White Mountain Regional Medical Center (WMRMC) during the fiscal year; 41 women benefited from this service and avoided the 116 mile round-trip travel necessary to obtain the same service in Show Low. WMRMC has contracted with Assured Imaging which is a mobile onsite mammography unit to come once a month to Springerville to provide these services. In the future WWHC will pay \$135.00 per qualified visit.

WWHC is contracted with all providers in southern Apache County and southern Navajo County for related treatments. Enrolled women may visit any of these providers for pap smears and clinical breast exams. In the event that a patient has an abnormal screening breast mammogram, a diagnostic mammogram is scheduled. If this test warrants further evaluation, a surgical consult with a contracted breast surgeon is scheduled. The WWHC program covers the cost of breast biopsies. If a breast biopsy confirms breast cancer, patients will be enrolled in the Nation Breast and Cervical Cancer Treatment Program (NBCCTP) for treatment through the state. In this way women who exceed the income threshold for AHCCCS eligibility are enrolled in AHCCCS for treatment and are subsequently removed from the WWHC program.

In the event that a patient has an abnormal pap result, WWHC assures that follow-up visits are scheduled, proper referrals are made, and affordable treatment is secured. Certain diagnostic procedures are covered by the WWHC program as are referrals to contracted surgical specialists.

The Well Women Health Check Program has focused on outreach during the 2009-2010 year. The numbers are gradually increasing as the public becomes more aware of the benefits this program has to offer. Pink Flag Day is steadily growing with participants

and continues to recruit businesses to fly the pink flag on the first Tuesday of every month as a reminder of the need to do a self breast exam. The Well Women Health Check Program has actively participated in the Susan G. Komen 3 day 60 mile walk for breast cancer research, Tomee Brown raised over \$500 and Shonde Burgess has raised \$922 and continues to raise donations with hopes of being able to participate in the 60 mile walk in November 2010.

Well Women Health Check Program Measures

MEASURE	Fiscal Year		% Increase / Decrease
	2008-2009	2009-2010	
# of clients served	118	132	11.86%
# of abnormal breast results	23	14	-39.13%
# of breast cancer	1	0	n/a
# of breast biopsies	5	6	20%
# of screenings by M.O.M. unit	22	41	86.36%
# of abnormal pap results	9	7	n/a
# of cervical cancer	1	0	n/a

Division of Public Health Education (PHE)

The Division of Public Health Education is overseen by Robin Aguero, Division Manager of Public Health Education. This division administers the Tobacco Use Prevention Program, WIC (Women, Infants, & Children), Nutrition Programs and the educational component of the Smoke-Free AZ Act. Additionally, members of PHE are taking the lead in the Coalition to Advance Health Resources and Essential Services (CAHRES report found on pages 6-12), attend community-based coalition meetings and are available to hear, and then address, public health concerns from local agencies and community members. PHE is active in the Apache County Drug-Free Alliance utilizing their skills and resources to promote alcohol, tobacco and drug awareness and reduce substance abuse in our communities.

Apache County Tobacco Use Prevention Program (ACTUPP):

School-based education

The majority of the ACTUPP's efforts are directed towards preventing initiation of tobacco use among young people. Two age-appropriate intensive curricula are utilized in classrooms. Fourth and fifth graders receive nine lessons of Eglin Longhorn of Nightshade County. This curriculum helps children understand the harmful effects of tobacco, while providing a wealth of information across all major content areas such as language arts, mathematics, science, health and technology supporting schools in reaching the Academic Standards and Performance Objectives for the Arizona Department of Education. Sixth and/or seventh graders receive eleven lessons of Project Alert. This program is designed to prevent initiation of drug use and the transition to regular use. It focuses on the substances that adolescents use most commonly: alcohol, tobacco, marijuana, inhalants, and prescription drugs. Students learn how to develop reasons not to use drugs, identify pressure to use, learn how to say no to external pressure, and recognize the benefits of resistance. Seventh/Eighth graders receive three booster lessons in Project Alert. Additionally less intensive tobacco education is provided as requested to all southern Apache County schools. ACTUPP collaborates with community agencies and businesses when participating in Teen Maze activities each year.

Community-based education

ACTUPP participates in community events aimed at raising the level of awareness about the dangers of tobacco, alcohol and drug use and second-hand smoke exposure. Staff participated in a 5k walk promoting awareness of Breast Cancer, and also participated in the Preparedness Health Fair, the "Not My Kid" community meeting which promoted alcohol and drug awareness for parents and teachers, the Kids Walk Day promoting healthy habits and Family Fun Day in Round Valley. Staff also began providing a "Dangers of Second Hand Smoke" session during the Health District's Child Birth Education classes. Staff have been busy promoting the statewide campaign, VENOMOCITY. The Venomocity website was made available for youth between 12-18 to visit and become familiar with the site and the dangers of addiction. Additionally,

ACTUPP partners with the Arizona Attorney General’s Youth Tobacco Program in recruiting youth for “sting” operations at local businesses where under age youth attempt to purchase Tobacco products, and following up with tobacco vendors to provide information on selling tobacco.

Tobacco Cessation

During the reporting period the county discontinued cessation classes due to directives from the Arizona Department of Health Services (ADHS). ADHS conducted studies as to the efficacy of the eight session cessation class and found that this was an inefficient use of dollars. ADHS found the ASHLine to be an alternative to structured cessation classes with excellent outcomes. Six clients benefited from the program in the last quarter of the 2008-2009 fiscal year. Referrals to ASHLine went down this year because people in the community were not contacting us for cessation services as in previous years due to the suspension of the program for nine months.

Tobacco Use Prevention Program Measures

MEASURE	2008-2009	2009-2010
# of youth served in school-based intensive interventions (6-7 th grade)	288	292
# of youth served in school-based intensive interventions (4-5 th grade)	354	364
# of youth served in school-based booster lessons (7-8 th grade)	302	375
# of community events	21 events	18 events
	FY2008-2009	FY2009-2010
# of referrals to Ashline	34	65

Women, Infants, and Children (WIC)/Folic Acid Program:

Apache County WIC is a Federally-funded nutrition program serving pregnant, breastfeeding and post partum women; and infants and children up to five years of age who meet eligibility requirements. WIC provides families in the community with nutrition education, food instruments for the purchase of nutritious foods, health screenings, and referrals to other programs and medical providers as needed. In October, the WIC food package changed to include more nutritious foods including fresh fruits and vegetables, jarred infant foods, whole grain products, soy products, and canned salmon. Additionally, extra foods are now provided to mothers and infants who are exclusively breastfeeding.

Last year, we hired a full-time Registered Dietitian to perform high risk nutrition counseling, formula approvals, and nutrition trainings for staff; and at the beginning of this year, we added a full-time bilingual Community Nutrition Educator to our staff to better serve our Spanish-speaking population. Because WIC recognizes breast milk as the ideal food for infants, we offer breastfeeding support and education by a Certified Lactation Counselor. Additionally, all WIC employees recently attended a 40 hour breastfeeding course in the hopes of improving our breastfeeding knowledge and counseling skills in order to encourage breastfeeding in the community. WIC staff attended six meetings and various trainings with ADHS during the reporting period.

In Fiscal Year 2010, WIC clinics throughout Arizona saw a significant decrease in the number of clients served from the previous year. However, as the current Fiscal Year comes to a close, Apache County WIC is experiencing an increase in our monthly caseload due to additional outreach efforts.

If a woman has enough folic acid in her body before and during pregnancy, it can help prevent major birth defects of an infant's brain and spine called neural tube defects. Through the Folic Acid Program, Apache County WIC staff offer women in of childbearing age a full year of supplemental vitamins to aid in the prevention of neural tube birth defects. Folic acid supplementation during childbearing years has been proven to decrease the occurrence of these birth defects infants by 50-70%. This year, we met our goal of providing vitamins to 160 women.

MEASURE	Fiscal Year		% Increase /Decrease
	2009-2010	2010-2011	
# of WIC clients served	6,384	5,673	8.9 (-)
# of folic acid vitamins	160	160	0

Division of Public Health – Health Promotions (PHP)

The Division of Public Health – Health Promotions is overseen by Debbie Padilla, Division Manager. This division administers the Community Health Injury Prevention Program, Governor’s Office of Highway Safety Injury Prevention Program, Health Start Prenatal Outreach Program, Teen Outreach/Teen Maze Program, Physical Activity and Nutrition Program, and Dental Sealant Programs.

Community Health Injury Prevention Program:

Apache County Public Health Services District in collaboration with Indian Health Services (Navajo Nation) continues their efforts to reduce the rate of injuries, both intentional and unintentional; reduce preventable infant mortality; and reduce obesity among women and children in the communities of southern and northern Apache County.

The Community Health Injury Prevention Program (CHIPP) offers the following services: Car Seat Safety Educational classes, Booster Seat Campaign, and Seat Belt Safety/Crash Dynamic classes. Personnel of the programs are all certified child passenger safety technicians; the program manager is a certified child passenger safety instructor.

Car Seat Safety Educational classes are provided to families who have children who use car seat. Due to 80% of car seats not being used properly, families are provided one-on-one instruction to properly fit their child in their car seat and to learn the proper techniques installing their car seat into their vehicle. Classes are provided in Round Valley and St. Johns and are also provided at-home through the prenatal outreach program. Families must meet eligibility guidelines to receive car seats. Families who do not meet income guidelines are welcome to receive education.

In addition, Kindergarten and Head Start children are provided the Booster Seat Campaign during “National Child Passenger Safety Week.” Technicians visit Kindergarten and Head Start classes promoting booster seat use. The National Highway Traffic and Safety Administration recommends children under 4’ 9”, and who weigh less than 80 pounds be transported in a booster seat. Children are weighed and measured to determine what type of car seat or booster seat they may need to be transported safely, as most kindergarten and preschool children meet the criteria of needing a booster seat. Parents and caregivers are sent home information regarding the event and contact information is provided regarding the injury prevention program.

Further, Seat Belt Safety and Crash Dynamic classes are provided to students 4th-12th grades. Fourth and sixth-grade students are provided seat belt and crash dynamic safety education in an interactive presentation during science classes. High school students receive education before major events such as homecoming and prom. Department of Public Safety personnel assist program staff when providing the presentation.

The CHIPP fiscal year runs January through December; therefore the data reported is through December of 2009.

CHIPP Measures

MEASURE	Calendar Year		% Increase /Decrease
	2008	2009	
# of 4 th and 6 th grade students receiving education	467	450	4 (-)
# K-8 students provided activity/nutrition program	327	333	2 (+)
# women receiving preconception educational material	103	116	1 (+)
# of individuals attending car-seat classes	208	286	4 (+)
# of car-seat classes provided to Native American families	132	140	6 (+)
# of child passenger safety technicians certified	16	10	37 (-)
# of preschool children served by booster-seat campaign	440	455	3 (+)
# of booster-seat classes	28	28	0 (+/-)
# high-school students who received education	887	789	11 (-)

Governor’s Office of Highway Safety:

Funding was awarded to ACPHSD during the reporting period to expand injury prevention services to the neighboring communities in northern Apache County. Child passenger safety technicians working for agencies within Chinle, Fort Defiance and Window Rock service areas were provided with car seats to distribute through their injury prevention program. Qualifying families who attended a car seat safety class or who were present during a car seat check event were provided with seats. Car seats, child passenger safety and alcohol and substance abuse educational supplies were provided to community members during classes and outreach events.

Health Start Prenatal Outreach Program

Since August of 2000, Apache County Public Health Services District has administered the Health Start Prenatal Outreach Program to women and children in the communities of southern Apache County. Primary service care areas of southern Apache County include: Round Valley (Alpine, Eagar, Greer, Nutrioso, Springerville and Vernon), and St Johns (St. Johns, Sanders, and Concho).

Health Start is a neighborhood outreach program that helps high-risk pregnant women obtain early and consistent prenatal care, and for their children, timely immunizations. Health Educators of the program who reflect the ethnic, cultural and socioeconomic makeup of the neighborhoods they serve connect pregnant/postpartum women with community resources that provide prenatal and related infant/child services. The families are followed for two years after the birth of the child to assist with identification of a “medical home” for each family member and to encourage immunizations for all children in the family.

Health Start Measures

MEASURE	Fiscal Year		% Increase /Decrease
	2008-2009	2009-2010	
# of classes provided	22	303	1277 (+)
# of families served	100	95	5 (-)
# of prenatal visits	233	314	35 (+)
# of family follow-up visits	503	327	18 (-)
# of multiple-visits (families with two or more eligible children)	54	42	22 (-)

Teen Outreach Program (TOP):

The Teen Outreach Program (TOP) provides services in the form of life-skills classes to the Round Valley, St. Johns, and Sanders high Schools, middle schools, Juvenile Detention Center, and St. Johns Learning Center. TOP is a comprehensive youth development approach that promotes positive development of adolescents (12-17 years of age) by providing an after-school program with a community service learning component.

After-School Program

In September 2009, the Round Valley High School, RVHS, after-school program entered its second year with a new group of students, in which, thirteen students were enrolled. Classes were held twice a week for 60 minutes. The only change in structure from the previous year was the duration of the classes. We felt that an hour and a half was sometimes too much to ask from the majority of the students. Due to this, the classes were reduced to 60 minutes. Students continued to meet twice a week following the school year's schedule. Nine students completed the program with 57 classes held during September 2009-May 2010. Post-test evaluation indicated a change in students' attitude toward some unhealthy behaviors they had been participating in prior to joining the program. The majority of the students were more confident (ranked 3 or 4 on a scale of 0 to 4) in their ability to make good decisions and stick to them, and realization of how their decisions will affect their future. The other area where there was a significant change in attitude was in reference to communicating ways to say "no," and how to say no with their body language. These topics were covered thoroughly (with multiple lessons) in the Wyman curriculum.

Enrollment opportunity for students continued to follow a referral process for those at Round Valley High School. Students are either referred from the Juvenile Probation Department and/or by the teachers at White Mountain Academy (WMA), an alternative high school, at the start of the school year. Following the referral process, a meeting was scheduled with the students who were on probation and their probation officers to discuss the opportunity presented to them. For those students who were interested, a letter was sent home along with a brochure. Once parents/guardians were notified and willing to allow their son/daughter to participate, a meeting was scheduled for them to sign the permission slips. At this meeting, parents were given an opportunity to ask questions or voice concerns about the program.

School-Based Programs

With the cooperation of St. Johns High School administration, TOP was easily implemented at the St. Johns Learning Center in September 2009. The program followed the same structure as Round Valley High School’s after-school program except that the classes met at 7:00AM. This time was decided on by the students because many of them start school at that time. Classes began shortly after the school semester began and were held twice a week, Monday and Wednesday. Mr. Rickert, St. Johns Learning Center Director, also offered credit to his students who attended class regularly and participated. In addition, students were able to count the time they spent in class each day as time towards their daily requirement spent at the Learning Center. 62 classes were held during September 2009-May 2010.

Measure	Fiscal Year			% Increase/Decrease
	2007-2008	2008-2009	2009-2010	
# of students that completed Wyman 9-month long program	-	6	12	100%
# of youth served at the Juvenile Detention Center	-	31	37	0.19%
# of outreach life skills classes provided to Middle and High Schools	-	27	30	0.11%

Teen Outreach Program Measures

<i>Community</i>	<i>Site</i>	<i>Frequency of classes / event</i>	<i>Duration</i>	<i># of classes</i>
St. Johns	Juvenile Detention Center	Weekly	60 minutes	48
	St. Johns Learning Center	Biweekly	60 minutes	62
	St. Johns High School	As Scheduled	50 minutes	4
	St. Johns Middle School	As Scheduled	60 min.	3
Round Valley	Round Valley High School (after-school Wyman program)	Biweekly	60 minutes	57
	Round Valley High School (school-based presentations)	As Scheduled	90 minutes	16
Sanders	Sanders Valley High School	As Scheduled	60 min.	9

Teen Maze Program:

The goal of the teen maze projects are to increase the knowledge of youth as to the risks and consequences of certain behaviors so they will make healthy choices and decisions that will enable them to achieve their aspirations for the future. Apache County works with the local Youth Council, high schools, and other organizations within the community to implement this project. The purpose of the maze is to provide primary and secondary prevention and health promotion education to youth on topics including but not limited to: teen pregnancy, responsible sexual behavior while stressing abstinence, date rape, substance abuse, school and domestic violence, suicide prevention, diversity, physical activity, nutrition, higher education, and vocational/career options.

In March 2010, two Teen Maze events were provided to the whole student body (420) at Round Valley High School and Sanders Valley High School (395 students). The events were a great success due to the collaboration with many community agencies and volunteers. These agencies included: AZ DPS, Apache County Public Health programs, CBC Motorsports, Apache County Drug Free Alliance, Navajo Nation Child Behavioral Health, Zero Tolerance, Arizona Youth Partnership, and two Drug Free America-Arizona Affiliate speakers. This year's focus on educating students on teen pregnancy, STDs, underage drinking and driving, alcohol, tobacco, drug (meth) use.

Measure	Fiscal Year			% Increase/Decrease
	2007-2008	2008-2009	2009-2010	
# of students served by the Teen Maze events	407	669	815	21.82% (+)

Physical Activity Program:

Over the past 12 months, the Apache County Physical Activity Program (PA) has been involved in events in and out of the public school setting. Beginning in October of 2009, the PA Program began working with Apache County Schools for the 2009-2010 school year. The PLAY curriculum was used in Alpine, Sanders, Round Valley, Saint Johns, and Vernon school districts. More than 700 students completed the curriculum and 140 students earned the Presidential Active Lifestyle Award.

Several events were planned in the community over the same time frame. These included Walk to School Days in Round Valley, Teen Maze in Round Valley and Sanders, St. Johns Literacy Fair, Back to School Fair at Ramsey Park, and the Women's Health Week activities and 5K. The Physical Activity Program is a partner with organizations such as Big Brothers Big Sisters, USDA Forest Service's Kids in the Woods Program, Apache County Wellness Coalition, White Mountain Communities Wellness Coalition, North Country Health Care, Apache County Youth Coalition, and Arizona Youth Partnership. Meetings are held with partners on a monthly basis, mostly at mixed coalition venues. Community events and volunteer opportunities are designed through these partnerships.

The Physical Activity program also strives to educate and promote health for the adult community. In the past 3 months the PA Program has begun to work with the Round Valley Senior Center. Twelve individuals have enrolled in a walking program. Information and low impact activities are presented to help seniors maintain flexibility and overall physical health. In conjunction with North Country Health Care and Dr. James Sielski, the PA program co-facilitates a program that teaches nutrition and physical activity. There are twelve women enrolled in the program. All of the participants are at-risk for obesity related disease.

The same types of activities are planned for the next twelve months. The application process has begun for Safe Routes to School funding for the St. Johns School District. The PLAY curriculum will be utilized in Apache County Schools and hopes to reach 801 students by March 30, 2011. It is the goal of the PA program, that 280 students earn PALA's by May 2011.

Physical Activity Program Measures

MEASURE	Fiscal Year		% Increase /Decrease
	2007-2008	2008-2009	
# of participating students	944	1139	21 (+)
# of PALA awards	441	329	25 (-)
# of teachers participating	41	53	29 (+)
Total # of schools participating	9	10	1 (+)
# of Navajo Nation schools participating	3	3	0 (+/-)
# of community events	9	18	100 (+)
# of WELL participants	119	106	11 (-)

Dental Sealant Program:

Dr. Stephen Palmer, Eagar dentist, obtained the credential of “affiliated practice” needed to allow ACPHSD to implement its dental sealant program for southern Apache County students. Contracts have been put in place for an affiliated hygienist, and two dental assistants to administer the program through a mobile dental office. This year, dental sealants and exams were provided at the end of the school year at both Concho and Vernon School. Students will continue to be provided before the end of December 2010 at other area schools in the district.

Contractors attended training with Arizona Department of Health Services (ADHS), Office of Oral Health to implement the program. ADHS contacts and invite schools to participate in the program.

Division of Public Health Emergency Preparedness (PHEP)

The Division of Public Health Emergency Preparedness facilitates preparedness efforts relating to public health and pandemic influenza under the direction of Kellie Monterrosa, PHEP Division Manager. Additionally, the Division handles the receipt and investigation of all disease reports for Apache County. To that end response plans are created and maintained, trainings are attended, partnerships are cultivated, exercises are developed, organized and executed, education is provided to the community, relationships with medical providers are maintained, and investigations are conducted. The Division is fully funded through the Bioterrorism Preparedness and Response Program contract from the Center for Disease Control (CDC) through ADHS. Because ADHS contracts separately with the Navajo Nation and Apache County, PHEP works with the tribal preparedness group but focuses its efforts on southern Apache County. Further, PHEP collects information pertaining to, and facilitates a public health response for the entirety of the county.

Additionally, PHEP conducted the following activities during the reporting period per their grant deliverables:

Project Public Health Ready (PPHR) Recognition

- In 2009 PHEP hired an outside consultant to rewrite the Emergency preparedness plan for Apache County Health Department; this plan has been written in conjunction with Apache County Emergency Management. This plan has been completed and approved By the Board of Supervisors in June of 2010
- Attendance of all PPHR meetings as mandated by ADHS
- PPHR submission has been partially completed and PHEP will send the final submission in late September to ADHS to be forwarded to the accreditation committee.
- Federal guidelines have required local health departments to develop and employ emergency response plans for their health departments. Federal grants are issued to aid Counties in this cause. The guidelines they have set forth have required timelines and County compliance dictates future funding in regards to PPHR (Project Public Health Ready). Apache County contracted with NOMAD consulting to create an Emergency Response Plan for our County. We work one on one with NOMAD on the Emergency Response Plan in preparation for the PPHR submittal to ADHS and eventually to NACHHO with accreditation being our goal. In working with NOMAD consulting we have worked and modified the plan in detail in preparation for cross walking the NACCHO guidelines for submittal. We attend the ADHS PPHR meetings in preparing the submission. Training and workforce development are large components of the NACCHO guidelines. We have worked hard at developing the workforce and training plans that correlate with our Emergency Management Plan. We will train all employees that respond to an emergency to this plan. The PPHR Criteria cross walk is a detailed document that we link our plan and supporting documents to including any

supporting and or evidence elements to. This is a tedious task that takes time, all criteria is checked for correctness and then re-checked prior to submission. As of August 2010 we have sent in the initial submission to ADHS for review. Once we hear back from the State, we correct any suggestions from them and then submit to NACCHO. Our goal is to receive State recognition that would allow funding to the County.

- PHEP has also responded to two County emergencies. In January 2010 the County suffered a winter storm emergency. PHEP employees set up and manned an emergency shelter at the Round Valley Middle School for five days. This was an excellent training tool to utilize lessons learned for future training exercises. In June 2010 a small plane crashed into the local high school. PHEP set up a shelter at the Round Valley Middle School which was manned for five hours. Two H1N1 clinics were run by PHEP and the County Health Departments in 2009.

Special needs Populations

- Special needs subcommittee was formed through the Local Emergency Planning Committee (LEPC). The subcommittee meets quarterly and is creating a list of goals for the committee in order to address our special needs population. Current Chairperson is Toni Preder from NACOG and CO-Chair person is Shonde Burgess PH RN. Next meeting of the subcommittee is September 20, 2010 from 1 P.M. to 3 P.M. at the Round Valley Annex Conference room.
- The goals of this committee over the next year will be to increase the capacity of the emergency system within Apache County to respond to the special needs of the community during a crisis, this will include creation of a data base that allows access to needed information. We expect issues will arise such as HIPPA and are looking to the state for guidance
- Arizona Department of Emergency Management (ADEM) has completed a special needs plan at the state level. It has been reviewed by the subcommittee.

Coordination of Disease date and reporting

- Trained additional users on the disease reporting database from the state, we now have 4 additional users, including Bill Worsnop, Shonde Burgess, Kellie Monterrosa and Jennifer Foote. In addition we have one user from the Chinle Service unit; her name is Kris McConaha, RN.
- Hired a new Epidemiologist Bill Worsnop that is in charge or surveillance and investigations of all reportable diseases
- Participated in various committees at the state level for epidemiology, these committees deal with the various disciplines within epidemiology and are

instrumental in creating better community within the state for epidemiology practice

- Participates in 4 quarterly drills from the state to gauge the response time and action taken at the county level for 24 hour reportable diseases. Each drill was passed with a variety of lesson learned throughout the year that have helped us make changes to specific areas within the reportable disease process

Exercising and Training to current plan

Operation Big Bird

- Full Scale multi phased exercise designed to establish a learning environment for players to exercise emergency response plans, policies, and procedures as they pertain to a public health emergency and Mass Vaccination event. Local representatives from several agencies took part in the planning process and took part in exercise conduct and evaluation.
- The exercise was developed to test Apache County actions in the implementation of appropriate drug prophylaxis and vaccination strategies and the quick response to a public health emergency involving a vaccine preventable illness.
- The capabilities selected by the Apache County Operation Big Bird planning team provided the foundation for development of the exercise objectives and scenario, as the purpose of this exercise is to measure and validate performance of these capabilities and their associated critical tasks. Based on the exercise planning team's deliberations, the following objectives were developed:
 - **Objective 1:** To provide overall management and coordination of mass prophylaxis operations
 - **Objective 2:** To direct vehicular and pedestrian traffic in a safe and secured manner.
 - **Objective 3:** To provide communication management under an Incident Command Structure.
- Exercise was set up at the Round Valley Public Health office and various schools within Apache County.
- Planned and carried out a functional exercise with White Mountain Ambulance service, Apache County Health Clinical Services Division,
- Cert members and local law enforcement to offer a mass vaccination clinic for H1N1
- During the exercise we administered a total number of 984 vaccinations.

We produced an AAR, which described the issues; we experienced a communication problem with our radios, we had issues with signage and advertisement.

Operation Pigasaurus

- Developed to test Apache County actions in the implementation of appropriate drug prophylaxis and vaccination strategies, an incident command structure, communications and the quick response to a public health emergency involving a vaccine preventable illness. Based on the exercise planning team's deliberations, the following objectives were developed:

Objective 1: To provide communication management under an Incident Command

Objective 2: Initiate an ICS structure in order to manage the incident effectively and efficiently

Objective 3: To provide overall management and coordination of mass prophylaxis operations

- Exercise was set up at the Round Valley Apache County Public Health office and the elementary, middle and high schools in St John's.
- Planned and carried out a functional exercise with White Mountain Ambulance service, Apache County Health Clinical Services Division, Cert members and local law enforcement to offer a mass vaccination clinic for H1N1.
- During the exercise we administered a total number of 537 vaccinations.
- We produced an AAR, which described the issues; we continued to experience a communication problem with our radios, there was some bottle necking issues with the public health office clinic and issues with breaks and IC authority.
- In 2010-2011 we will begin a series of exercises that focus on Mass care shelter situations during an event. The first of these exercises will be a workshop to be held April 8, 2011 and a table top to be held August 13, 2011. This will progress over the next 2 years to encompass a full scale exercise.

SNS Drill

- Staff participated with Navajo County Public Health in receiving, inventorying, portioning out supplies and repackaging PODs on April 13, 2010.

HPP Sink or Swim Exercise

- Kerry Pena (training coordinator for PHEP) participated as a controller for this exercise to evaluate player actions against current response plans and capabilities for a natural disaster (flooding) incident response at hospitals and healthcare sites throughout Arizona on June 15, 2010.

- ❖ In 2010-2011 we will focus on training to the Emergency Management Plan completed by Nomad Fire, using this plan we will practice our response and provide training that will put the health district in the best position to respond to any emergency.

Increase Volunteer Capacity

ESAR_VHP

State database that registers volunteers and checks credentials of medical personnel, state maintained and managed. These volunteers are only accessible by contacting the state with a request for the needed personnel

Citizens Corp

CERT- Citizens Emergency Response Team

- As of April 2010, we have 103 CERT volunteers.
- Education has been offered to the members of the this team, to increase readiness for response
 - Red cross training has been provided covering the areas of: Red Cross mission, sheltering operations, damage assessment and fulfilling the mission
 - Weather spotter training provided
 - One additional 20 hour course was offered in Nutrioso to train new CERT members
- CERT team members have been utilized in the following ways this year
 - Help with traffic control and patient movement during a mass vaccination clinic for flu shots (Operation Big Bird) in October 2009 and an H1N1 mass vaccination clinic (Operation Pigasaurus) in November 2009.
 - Called on by Alpine police to assist with activities for 4th of July celebration in Alpine
 - Asked by Mike Hogan to assist with traffic and pedestrian control at Eagar Daze
 - Set up CERT booth at the county fair, LDS church preparedness fair, WMRMC preparedness fair and the Human Society fundraiser

MRC –Medical Reserve Corps

- Our Goals for the coming year are to increase the number of registered ESAR_VHP users, provide more opportunities for the CERT and MRC teams to be involved in the community, and complete the application for our own MRC while finding funding to assist in the efforts to recruitment of new members to the MRC unit.

Communications

Exercises

- Tested Communications during exercises that were conducted throughout the year, issues that arose were used as lessons learned and will be turned into areas of training.
- H1N1 response highlighted several issues with communications on the reservation
- Exercises demonstrated a need for training for public health staff on the radio system that is currently owned by PHEP

Notification System (Communicator, NTX)

- Continually test the notification alert system for public health staff in order to strengthen response level during an emergency.
- In 2010-2011 would like to incorporate elected officials, department heads and first responders in order to test entire county's response capabilities to a call out.

Developing more ways of reaching all populations of Apache County.

- Creating an APCON level (Apache County Condition level) alert system for the Apache county website and the 593info.org website.
- Twitter and Facebook has also been implanted for the PHEP department in order to reach a larger percentage of the county population and closer interaction with the media.
- JIC/JIS 593.info continues to expand in order to reach those interested in information for Apache County.

In 2010-2011 we intend to continue to look for innovative ways to reach all sections of the population in Apache County.

- Further develop the pages on social media websites to include more departments within the health district and fully utilize the free services that are available through these sites.

Create Community Partnerships

Navajo County

- Worked with partners in Navajo county to increase 593. Info capabilities by training staff in that jurisdiction to make updates to the 593 web site and all related joint information systems (JIS/JIC) in Apache County
- Participated in an SNS exercise hosted by Navajo County.

Red Cross

- Meet with 2 representatives from the Red cross to get an overview of the workings of the Red Cross, from this meeting we decided that we would like to facilitate a Red Cross presence in Apache County
- In conjunction with Apache County Emergency Management we have partnered with the Red Cross and worked on sheltering plans that were ultimately placed in the new EM plan
- We will continue this Partnership in 2011 and move towards having our own branch of the Red Cross in Apache County

Community Trainings

- Offered community based trainings on influenza preparedness
- Offered community based training on personal preparedness
- Created and offered resources to office and business for COOP planning

Worked with I.H.S and Navajo nation

- In conjunction with ADH and Navajo nation Health preparedness Apache County has participated in plans for the creation of a new SNS site that will service the Navajo nation.
- HHP grant drills were participated in as secondary contacts for all I.H.S facilities several times during the year.

WMRMC

- HHP grant drills were participated in as secondary contacts for WMRMC several times during the year.

2010-2011 Goals

- Training Plan for the new Emergency Operations Plan
- Complete the PPHR process
- Participate in 2 Exercises state wide
- Define and train the Public Health ICS structure
- Recruit and train 40 new MRC volunteers
- Create a County wide resource manual
- Work with community partners to strengthen readiness for PH Emergencies

Disease Surveillance/Reporting:

The Apache County Public Health Emergency Preparedness (PHEP) Epidemiology Coordinator serves as the contact person for disease reporting in the county.

All medical offices and White Mountain Regional Medical Center have been supplied with the Arizona Department of Health Services (ADHS) “Reportable” disease list as well as “communicable disease report” (CDR) forms. Each office has been provided with a training and a binder supplied by PHEP which includes instructions on reporting as well as a 24 hour number for “urgent” disease reports. The goal is to get all providers on the ADHS web-based electronic reporting system Medical Electronic Disease Surveillance Intelligence System (MEDSIS). Some laboratories will begin implementation of Electronic Laboratory Reporting (ELR) this year. Currently we still rely on reporting by mail, phone and fax.

On the Navajo Nation the disease surveillance and investigation is handled by Indian Health Services, but good communications and working relationships have been the key to good disease reporting and medical needs assistance. With this in mind PHEP personnel have begun in-person visits to IHS medical facilities to establish more personal contact and share ideas about individual needs that our county personnel may be of help with.

Apache County
Summary of Selected Reportable Diseases
Confirmed and Probable Cases
7/1/2009– 6/30/2010

Disease Surveillance/Reporting:
Table A

Disease	Apache County 08-09	09-2010	Difference
Amebiasis	0	0	0
Aseptic Meningitis, viral	1	0	-1
Botulism	0	0	0
CJD (Creutzfeldt-Jakob Disease)	0	1	+1
Campylobacteriosis	20	34	+14
Chlamydia	406	386	-20
Coccidioidomycosis (Valley)	10	19	+9
Cryptosporidiosis	2	1	-1
E. Coli enterohemorrhagic	1	1	0
Giardiasis	0	3	+3
Gonorrhea	26	22	-4
Haemophilus Influenzae	1	6	+5
Hantavirus	1	1	0
Hepatitis A	1	1	0
Hepatitis B	4	10	+6
Hepatitis C	0	2	+2
Influenza virus	71	331	+260
Influenza H1N1	12	81	+69
Legionellosis	0	2	+2
Meningococcal Invasive Disease	1	0	-1
MRSA (from a sterile site)	7	4	-3
Measles	0	0	0
Mumps	0	0	0
Pertussis	2	2	0
Plague	1	0	-1
RSV	80	336	+256
Salmonellosis	39	12	-27
Shigellosis	8	16	+8
Streptococcal Group A, Invasive	25	27	+2
Streptococcus Pneumoniae	41	25	-16
Syphilis	3	4	+1
Tuberculosis	0	0	0
VRE	0	1	+1
West Nile Virus	0	0	0

Data are provisional. For more information call: William Worsnop, 928-337-7640
Public Health Emergency Preparedness

Division of Environmental Health

Environmental Health – DEQ:

During the reporting period the Apache County Public Health Services District Environmental Health Division was overseen by Chris Sexton, Health Director. The Arizona Department of Environmental Quality delegates authority to ACPHSD to review onsite wastewater system plans, site inspection and issue permits for conventional and alternative onsite wastewater systems. The primary concern is the retention of qualified personnel. Only a Registered Sanitarian certified by the State of Arizona or an Engineer may carry out the duties of the delegation agreement.

Jonathan Catlin is a Registered Sanitarian and has been the primary onsite wastewater system inspector for the last three years. Having the position consistently filled has greatly improved the program and the service available to the residents. Jonathan has been a great asset to the program; he is conscientious and extremely intelligent. Through remarkable self-motivation he has learned a great deal about the rules and statutes governing onsite wastewater system facilities.

In the 2010 fiscal year the development of septic tanks (fell approximately 43%) as compared to the slight reduction from the 2009 fiscal year (3.3%). Perhaps this trend indicates a continuing slow-down in new construction in Apache County.

ACPHSD – DEQ Measures

MEASURE	Fiscal Year		% Increase /Decrease
	2008-2009	2009-2010	
Septic Applications Processed	177	101	(-) 43.0
Well Applications Processed	31	37	(+) 19.4

Environmental Health –DHS:

The Division of Environmental Health Services inspects and licenses food service establishments, grocery stores, temporary food service booths, provides food worker classes, issues food-worker cards, inspects hotels and motels, children’s camps, swimming pools and schools grounds. Also this section responds to a variety of citizen complaints. These functions are overseen by a Registered Sanitarian (RS) certified by the State of Arizona and in accordance with Apache County’s delegation agreements with the Arizona Department of Health Services (ADHS). These services are administered from the Public Health Services District.

Chris Sexton, R.S. was hired in July 2009 to perform inspections required by the ADHS Delegation. In October 2009, Mr. Sexton became the Health Director of the ACPHSD and Richie Bast was hired in late October 2009 and began studying for the Registered

Sanitarian's Exam which he passed in April 2010. He took a job with the Clinic Services Division in May 2010 as the Child Care Health Consultant.

The food establishment inspection program has lacked consistency for several years do to turn over in staff. Inspection of licensed establishments is not current as a result of staffing difficulties.

Fixed Establishment Program Measures

MEASURE	Fiscal Year		% Increase /Decrease
	2008-2009	2009-2010	
# of licensed food establishments	166	164	1.2 (-)
# of routine food inspections	118	107	9.3 (-)
# of pre-operational inspections	5	15	200.0 (+)
# of licensed public accommodations	33	29	12.1 (-)
# of public accommodation inspections	23	29	26.1 (+)
# of public school inspections	9	24	166.7 (+)
# of food worker tests administered	226	239	5.6 (+)
# of food worker cards issued	190	202	6.3 (+)

Financial Analysis

Due to the Board of Supervisors decision to form the Apache County Public Health Services District July 1, 2007, a property tax continues to supplement the revenue of the District. In 2007-2008 the percentage of grants, service fees, and local revenue was approximately 74% of the Public Health Services District budget with the other 26% coming from a secondary property tax levy. In the 2008-2009 fiscal year 67% of the Public Health Services District funding came from grants, fees, and other local sources and 33% of the revenue resulted from a secondary property tax levy. For the 2009-2010 fiscal year 68% of the Public Health Services District funding came from grants, fees, and other local sources and 32% of the revenue was from a secondary property tax.

The percentage of funding from grants, fees, and other local sources remained essentially the same for 2009-2010 fiscal year when compared to fiscal 2008-2009. However, there was a loss of \$69,262 (3.87%) in grant revenue during fiscal year 2009-2010. The outlook for grant funding is not positive as the economy remains stagnant. In 2011-2012 fiscal year I am anticipating cuts in grant funding which will most likely result in a reduction in force.

APACHE COUNTY PUBLIC HEALTH SERVICES DISTRICT

REVENUE

	Estimated 2010	Actual 2010	Estimated 2011
Secondary Tax	\$843,070	843,070	854,550
Grant Revenue	1,596,021	1,372,722	1,539,685
Fee Revenue	113,000	91,722	153,353
Interest	3,000	250	
SRP	150,079	149,459	145,450
Total Revenue	2,705,170	2,457,223	2,693,038

EXPENSES

Adopted 2010	Actual 2010	Budgeted 2011
2,579,916	2,192,068	2,433,120

Report on 2008-2009 Goals:

Fiscal Year 2008-2009 Goals Included:	Fiscal Year 2009-2010 Progress
Secure funding for construction of a new ACPHSD Administrative/Clinical Office.	Research into available and bonding was conducted. Consistent with County Manager’s direction to help communities revitalize downtown areas, ACPHSD began looking to useable space in downtown areas.
Expand the Environmental Program to include two Environmental Health Coordinators (Registered Sanitarians), one for food and one for wastewater. Become current on all restaurant inspections.	Two Registered Sanitarians performing field work were on staff at the beginning of Fiscal Year 2009-2010. One was promoted to Health Director in late October 2009. Little headway has been made to bring all restaurants current on inspections.
Continue CAHRES strategic planning process.	Community meetings were conducted and input was given. A vision statement was created.
Mount effective response to H1N1 pandemic.	Staff contributed many hours to this response. Many worked extra hours at Saturday vaccination clinics.
Become current on all restaurant and public accommodation inspections.	Change in staff positions and training new staff have prohibited accomplishment of this goal.
Start Child Care Health Consultant funded by First Things First.	Grant from First Things First was obtained and the program was initiated.
Retain highly qualified professionals such as nurses and sanitarians.	Nursing staff has been stable this year; however Registered Sanitarians continue to present a challenge to retain.

Goals for 2010-2011 Fiscal Year

- Consistent with County Manager direction, locate downtown buildings in Round Valley and Saint Johns suitable for the needs of the Health District Personnel and for remodeling to enhance downtown areas and begin purchase negotiations.
- Search for new grant money to sustain the public health emergency management division.
- Continue to explore service needs and ways to fund those needs.
- Conclude the first phase of the CAHRES project.
- Hire a Registered Sanitarian for inspections of Arizona Department of Health Services delegated facilities.

Recommendations:

Housing staff and supplies continues to be a challenge. Consistent with the direction of the County Manager, explore the feasibility of using existing buildings in downtown areas of St. Johns and Round Valley to remodel and providing adequate space for staff reducing capital outlay, and revitalizing downtown areas.

CAHRES continues to be a priority project. Complete the first phase of the project and look for resources to fill critical gaps in the community health care system.

Continue to recruit and retain qualified public health personnel.

The staff development program will continue. However, it will be refined to provide education targeted for specific divisions and acceptance of more continue education hours for training presented outside ACPHSD.