



# Jackson County

## HEALTH DEPARTMENT



**2006 ANNUAL REPORT**

*Prevent Disease • Prolong Life • Promote the Public's Health*



## **JACKSON COUNTY HEALTH DEPARTMENT**

**1715 Lansing Avenue, Suite 221**

**Jackson, Michigan 49202**

**Telephone: (517) 788-4420 Fax: (517) 788-4373**

**Website: [www.co.jackson.mi.us/hd](http://www.co.jackson.mi.us/hd)**

### **MISSION STATEMENT**

The mission of the Jackson County Health Department is to continually endeavor to prevent disease, prolong life, and promote the public health.

### **JACKSON COUNTY ADMINISTRATION**

Robert Elliot – Administrator/Controller

Randall Treacher – Deputy Administrator/Human Resources Director

### **JACKSON COUNTY COMMISSIONERS**

James Shotwell, Jr. (Steve) Chair

Cliff Herl, Vice-Chair

David Lutchka

Patricia Smith

Philip Berkemeier

Todd Brittain

Philip Duckham

DeAnn Gumbert

Judy Reynolds

Gail Mahoney

James Videto

Gregory Wilson

### **HUMAN SERVICES COMMITTEE**

Philip Berkemeier, Chair

Gail Mahoney, Vice-Chair

Gregory Wilson

DeAnn Gumbert

Patricia Smith

### **JACKSON COUNTY HEALTH DEPARTMENT ADMINISTRATION**

Ron Grimes, Health Officer

Dr. Lorna Pinson, Medical Director

Shelly Bullinger, Deputy Health Officer

Mary Ricciardello, Clinical Services Manager

Renee' Marks, Community Health Manager

Steve Hall, Environmental Health Manager

Rex Pierce, Financial Manager



Jackson County Citizens,

The Jackson County Health Department continues efforts to prevent disease, promote the public health, and prolong life within the greater Jackson Community during these challenging economic times, as resources continue to diminish. It is difficult for all agencies including the Health Department to achieve their goals. Individually we need to find the time and energy to live healthier lifestyles and lead more productive lives to positively impact health indicators. Despite the efforts put forth by individuals and the Health Department, health disparities continue to exist within our community. Many of the diseases confronting the United States, Michigan, and Jackson County could be reduced through modest lifestyle changes. These changes must start individually, until collectively we make better lifestyle choices and activities a habit.

Throughout 2006, the Health Department has spent considerable effort on preparation and planning for a full-scale community emergency exercise. No single sector of government or any single agency can provide all the necessary resources required during a community-wide disaster. The responsibility of preparing for emergencies spans the gamut from individuals through the Federal government. Individuals and communities working together can help overcome a disaster. The Health Department is available to provide guidance to individuals, schools, faith based organizations, and businesses concerning preparation for a health related disaster. This year we have included an Emergency Preparedness section in the Annual Report which outlines many of these activities.

As part of our quality improvement efforts, the Jackson County Health Department completed a one year pilot program for delivering electronic Women, Infants, and Children (WIC) benefits. The new process eliminates paper coupons and utilizes an electronic debit card. This is the first program of its kind in the state as well as the nation. The Jackson County Health Department received an award and recognition by the Michigan Department of Community Health for this innovative project as a result of its success.

We encourage each of you to review the programs outlined in this report and improve at least one lifestyle habit during calendar year 2007. Whether you resolve to get more exercise, quit smoking, or eat a healthier diet; what matters is that you take action! As C. Everett Koop, M.D., former US Surgeon General once said, "Health Care is vital to all of us some of the time, but public health is vital to us all of the time."

Sincerely,



Ron Grimes, R.S., M.P.H.  
Director/ Health Officer



Lorna Pinson, M.D., M.H.A.  
Medical Director

# Jackson County Health Profile

## Selected Leading Causes of Death

	Jackson County			Michigan		
	2003	2004	2005	2003	2004	2005
Disease of the Heart	279.6	243.7	251.2	260.0	249.6	252.5
Stroke	76.4	69.4	58.1	54.5	53.1	50.8
Cancer	235.4	255.6	255.0	197.0	197.8	202.0
Chronic Lower Respiratory Disease	56.2	60.6	61.9	44.5	42.7	45.0
Pneumonia and Influenza	20.2	17.7	20.8	19.4	19.7	19.7
Unintentional Injury	37.9	42.3	25.9	33.0	33.2	34.5
Diabetes Related	106.0	107.3	118.7	81.5	84.7	88.0
Homicide	4.4	1.3	5.7	6.5	6.8	6.8
Suicide	14.5	15.1	16.4	10.2	11.0	11.1

Case Rates per 100,000

## Cardio Pulmonary Disease Health Indicators

	Jackson County			Michigan		
	2003	2004	2005	2003	2004	2005
Disease of the Heart	279.6	243.7	251.2	260.0	249.6	252.5
Stroke	76.4	69.4	58.1	54.5	53.1	50.8
Chronic Lower Respiratory Disease	56.2	60.6	61.9	44.5	42.7	45.0
Pneumonia and Influenza	20.2	17.7	20.8	19.4	19.7	19.7
Diabetes Related	106.0	107.3	118.7	81.5	84.7	88.0

Case rates per 100,000

## Maternal/Infant Health Indicators

	Jackson County			Michigan		
	2003	2004	2005	2003	2004	2005
Total Live Births	2,065	2,150	2,086	130,850	129,710	127,518
Teen Births (15-19)	283	298	281	12,202	12,236	11,794
*Teen Pregnancies (15-19)	433	447	413	20,179	19,789	19,185
Low Birth Weight (↓2500 grams)	171	184	150	10,778	10,867	10,665
Very Low Birth Weight (↓1500 grams)	30	36	39	2,235	2,148	2,140
**Inadequate Prenatal Care	334	443	169	9,732	11,205	9,058
Infant Deaths	20	14	25	1,112	984	1,013

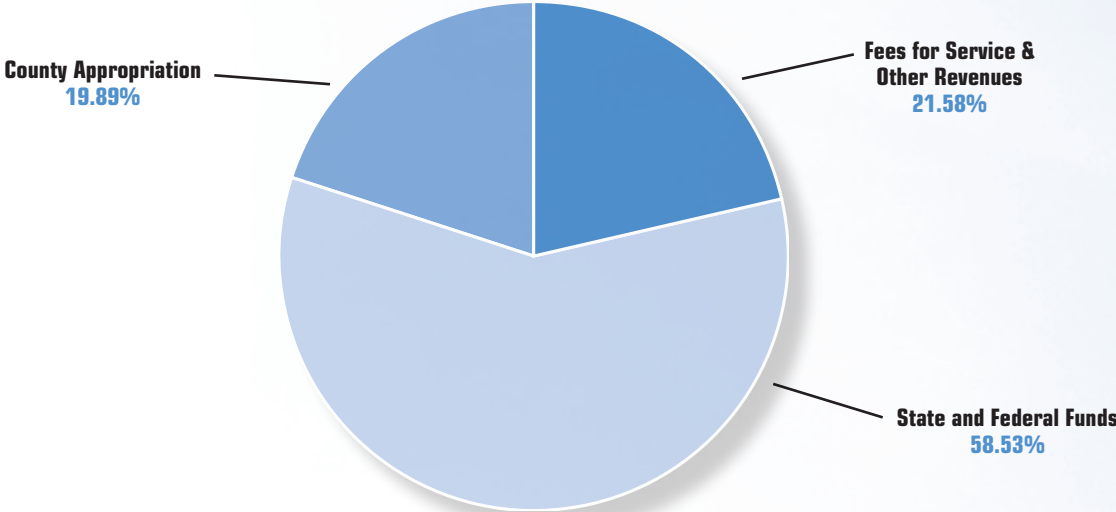
\*Pregnancies are the sum of live births, abortions, and estimated miscarriages.

\*\*The State's definition of prenatal care is classified by the Kessner Index. The Kessner Index is a classification of prenatal care based on the month of pregnancy in which prenatal care began, the number of prenatal visits, and the length of pregnancy (i.e., for shorter pregnancies, fewer prenatal visits constitute adequate care.)

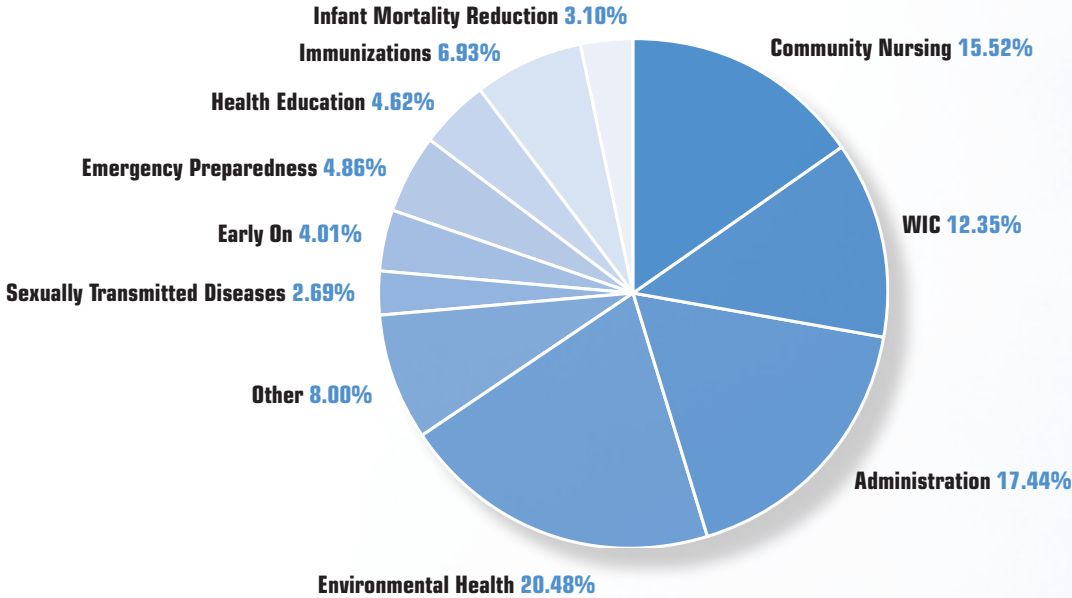
# FY 2006 Revenues & Expenses

**Total Budget = \$4,398,157**

## REVENUES FYE 9/30/06



## EXPENDITURES FYE 9/30/06



### OTHER PROGRAMS (EACH UNDER 2% OF BUDGET)

AIDS .....	0.34%	Immunization Action Plan .....	1.85%
Car Seat Program .....	1.61%	Medicaid Outreach .....	0.44%
Children's Special Health Care Services		Teen Pregnancy Prevention.....	0.32%
Outreach & Advocacy .....	1.83%	Tobacco Reduction Coalition .....	0.37%
Hearing and Vision.....	1.24%		



### *2006 in Review*

#### **Full Scale Emergency Exercise**

On July 28, 2006, The Jackson County Health Department partnered with other health departments and hospitals in our region of the state to conduct a full-scale health emergency exercise. This was one of the largest disaster exercises conducted in the state of Michigan which simulated events surrounding the response to an influenza outbreak on a pandemic scale. The exercise tested the capacity and capability of the health departments, hospitals, county emergency management, and volunteer agencies. To simulate realism, the exercise scenario was revealed over a period of two weeks with a conclusion resulting in a full-scale exercise. Several agencies and citizen volunteers participated. Overall, the Health Department and the community were able to experience how a public health emergency which develops slowly and is long in duration, might affect the greater community.

#### **Facelift for the Health Department**

One year after moving to the new Human Services facility on Lansing Avenue, the Health Department was able to improve functionality and present a more client friendly atmosphere. Outdated furniture was replaced with more functional furniture which better accommodates equipment in a modern workplace. In addition, through local community grants Jackson youth painted wall murals and artwork was purchased to improve the atmosphere for visitors.

#### **Women Infant and Children Electronic Benefit Transfer Pilot Completed**

The pilot project to convert Women, Infants, and Children (WIC) paper coupons to a new Electronic Benefits Transfer (EBT) system was completed during 2006. This was the first of its kind in Michigan as well as the United States. The preliminary results showed savings with this new system at all levels from the Federal government all the way down to the merchant. WIC clients indicated that overall they like the new system better than the former paper coupons. The Michigan Department of Community Health recognized the Jackson County Health Department and this innovative project with a Director's Award at the Annual Public Health Conference held in October.

#### **Preparing for a Disaster**

The Health Department along with other County Agencies participated in a one week training session at the Federal Emergency Management Agency (FEMA) training facility in Emmetsburg, Maryland in August of 2006. This training featured classes and exercises that had been tailored specifically to Jackson County. Participants were able to experience a plausible disaster scenario as well as function in roles they may not have previously experienced. This was a very good opportunity to interact with community emergency responders and gain a deeper appreciation and working knowledge of what each agency faces during a disaster.

*2006 in Review*

*Environmental Health by definition is: an individual state of being as influenced by changes in the environment such as a biohazard, hazardous material, pollution, working and living conditions, etc. It is the responsibility of the Environmental Health Division to ensure the relationship between the public and the environment remains a positive and healthy one and not one that leads to disease or chronic illness. We enforce rules and State regulations that are in place to protect the citizens of Jackson County from hazardous environmental conditions and ultimately, we are a resource to the community for most environmental questions and concerns. We provide these services through the following programs: Onsite Sewage and Water, Consumer and Industry Service Inspections, Groundwater Contamination Sampling and Investigations, Non-Community Water Supply, Food Service Sanitation, Household Hazardous Waste Collection, Radon/Indoor Air, Recreational Program Inspections, Subdivision/Site Condominium Reviews, Childhood Lead Poisoning Investigations, and other investigative services.*

**Serve Safe**

In 2006, Environmental Health in conjunction with the Michigan State University Extension – Jackson County, conducted three, sixteen hour Serve Safe training courses. The Serve Safe course is a manager certification course. From these three classes, thirty-four participants successfully completed the class and have the knowledge to make their food establishment a safer place for their customers.

**Basics of Food Safety Class**

In 2005, the Environmental Health division began offering a 3 ½ hour program designed to teach safe food handling techniques to kitchen staff. This program is designed to provide individuals currently or planning to work in a restaurant a basic level of food safety knowledge. This class is offered free of charge and was attended by 214 people in 2006.

**Methamphetamine Outreach**

In conjunction with the Michigan State Police, the EH Division provided numerous methamphetamine presentations to the community. The goal of these presentations was to educate the community about the hazards involved with methamphetamine use and production.

**Environmental Health Statistics**

	<b>FY 2006</b>
Food Service Licenses Issued	583
Restaurant Inspections	983*
Restaurant Plan Reviews	39
Temporary Food Licenses Issued	133
Food Service Complaints Investigated	76
MI Department of Human Services Inspections	75
Sewage Disposal Permits Issued	454
Sewage Disposal Inspections	458
Water Well Permits Issued	507
Wells Abandoned	146
Non-Community Water Supplies (Monitored Quarterly)	244
Campground Inspections	27
Swimming Pool Inspections	63
Nuisance Complaints Investigated	104

\*Includes fixed food establishments, vending, STFU's, and follow-up inspections



*Clinical Health Services are provided in the Immunization, Sexually Transmitted Disease (STD), HIV/AIDS, Fetal Infant Mortality Review (FIMR), and the Communicable Disease (CD), Programs. Immunizations are administered for childhood and adult vaccine preventable diseases on a walk-in basis. Vaccines and educational materials are delivered to twenty-one local physician practices and Foote Hospital through the Vaccine for Children (VFC) Program. School Immunization reports are submitted to the state bi-annually, per state law, by the Community Immunization Education Specialist via the Immunization Action Plan. HIV Counseling and testing is offered through the Sexually Transmitted Disease Clinic by appointment. The HIV/AIDS and STD Programs focus on education, counseling, testing, diagnosis, treatment, and follow-up of newly diagnosed HIV and or other sexually transmitted infections.*

## *2006 in Review*

### **Pertussis**

Jackson County experienced an increase in the number of Pertussis cases in FY 2006. A total of six cases were reported through the Michigan Disease Surveillance System, (MDSS), since October 1, 2005. This is reflective of the Pertussis activity in the State during the same time period. Kalamazoo County has experienced a large outbreak which began in the summer of 2006 and continues at the end of this fiscal year. To date there have been over 250 cases reported in Kalamazoo.

Jackson County experienced its first Pertussis related death in March of 2006. An infant, born without complications, was diagnosed with Pertussis at 19 days of age. The epidemiologic investigation found that a close adult family member had been diagnosed with Pertussis on March 22, 2006. The infant subsequently died April 1, 2006 at the hospital.

Infants under one year of age continue to be at high risk for disease. Immunization with Boostrix or Adacel, newly recommended vaccines in 2005 to provide protection for Pertussis, limited exposure to sick individuals, and hand washing are important measures in protecting all susceptible individuals from Pertussis.

### **TB Cases**

Two active TB cases were reported to the Jackson County Health Department (JCHD) in the spring of 2006 and continue to be followed. The first case was a forty two year old male diagnosed via spinal abscess tissue. TB bacteria were also found in the pleural fluid and spine. No positive cases were identified in the six close contacts tested. Direct Observed Therapy (DOT) was begun immediately upon diagnosis and continues through December of 2006. The second case of TB was reported in a seventy eight year old male with a history of lymphoma and lung cancer. The TB was diagnosed via sputum culture secondary to the lung cancer diagnosis. As in the first case, six close contacts were tested with no additional cases identified. This client has been self treated and followed by Infectious Disease Physicians in Jackson. Weekly home visits have been made by a Public Health Nurse to ensure compliance with medications.

### **National HIV Testing Day - June 27, 2006**

In June 2006, the Jackson County Health Department (JCHD) participated in the annual "National HIV Testing Day." The national public awareness campaign is designed to encourage more people to assess their risk of HIV infection, take the test to determine their sero-status, learn their test results, and if positive, get into treatment. Communicable Disease Staff attended the HIV "Kick Off" meeting in Lansing offered by the Michigan Department of Community Health where various strategies were provided to reach those at highest risk of infection.

Public Service Announcements were distributed to local news media (TV, radio, and newspaper) advertising the event and extended walk-in clinic hours and additional appointments were provided for the entire week. Sixteen persons were tested during the campaign.

### **Flu Clinic Change for 2005/06 Season**

Influenza clinics at the Health Department were changed to an "appointment only" basis for the 2005/06 season. This was in response to a delay in vaccine shipment from Sanofi Pasteur as well as parking limitations at our new facility. This has provided to be very beneficial. As a result of this change, clinics ran very smoothly, scheduling of staff was much easier, and clients experienced minimal wait times. Every effort was made to accommodate "walk-ins" due to the magnitude of the change. A total of 3,863 doses of flu vaccine were given in this fiscal year which represents a significant decrease from the prior year when approximately 7,000 doses were administered. The 2004/05 season marked



the highest amount of flu vaccine ever given by the Health Department resulting from the announced shortage of vaccine early in the season thus sparking an increase in demand.

### Prenatal Smoking Cessation Grant

The Fetal Infant Mortality Review (FIMR) Program at the Jackson County Health Department was awarded a grant from the Michigan Chapter of the March of Dimes to begin a Prenatal Smoking Cessation Program in April 2006. The program collaborates with the Jackson County Women, Infant, and Children (WIC) Program to offer smoking cessation services to pregnant women enrolled in the WIC Program. The program consists of six, one-hour individual counseling sessions and has been shown to be effective with pregnant women. The ultimate goal of the program is to help women have healthy babies, reduce the risk of premature birth, and improve the health of women and families.

### Norovirus Outbreak

Jackson County investigated a large outbreak of Norovirus this year. The outbreak occurred following several catered luncheons at a local business. A total of 130 employees were interviewed in the investigation, with 49 reported as "ill." Case control analysis pointed to one food item specifically. Three food service workers from the catering company were tested for Norovirus. One employee, who prepared the food item linked in the case control study, tested positive.

<b>Immunization Clinic</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
Total Immunizations Given*	10,558	12,586	7,859
Flu Vaccine Given		6,993	3,863

\*Total immunizations include flu vaccine.

<b>Sexually Transmitted Disease Clinic (STD)</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
Patients Examined	1,409	1,486	1,380

<b>Jackson County Sexually Transmitted Disease Rates (per 100,000 population)</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>CY 2006**</b>
Gonorrhea	215.8	251.0	237.0
Syphilis	1.2	1.3	.6
Chlamydia	385.8	420.0	412.0

\*\* Statistics per the Michigan Disease Surveillance System (MDSS) calendar year.

<b>Tuberculosis Clinic</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
Newly Diagnosed TB	0	1	2
PPD Tests Administered	-	835	878

<b>HIV/AIDS</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
HIV/AIDS Testing & Counseling Clients	203	224	204*
HIV/AIDS New Cases	12	6	2**
HIV Prevalence Rate (per 100,000 population)	101.0	101.0	94.7

\*Jackson Co. Health Dept. statistics, not county statistics

<b>Rabies</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
Animals Tested	38	38	49
Animals Positive	3	2	0

### *2006 in Review*

*The goal of Maternal Infant Health Program, Children's Special Health Care Services, Hearing and Vision Screening, Early On, Sudden Infant Death Syndrome, Lead Teaching and Testing, and Women, Infants, and Children (WIC) is to reduce morbidity and mortality through needs assessment, plan of care, counseling and referrals. WIC is a supplemental food program that provides nutritional support and education for income eligible pregnant and postpartum women, infants, and children, under the age of five.*

#### **Children's Special Health Care Services**

Children's Special Health Care Services (CSHCS) staff have dealt with some challenging issues this past year. In May, the State began the process of updating the financial assessment including the payment agreement amount for families. This created increased client phone calls and the need for follow-up. When Medicare part D began, clients having both CSHCS and Medicare had to develop a new way of working with pharmacies. The CSHCS nurse provided care coordination with these clients to assist with this issue. The CSHCS nurse and Parent Consultant were trained to provide Infant Toddler Developmental Assessments for eligible Early On children. The Nurse has also increased the amount of care coordination provided to clients. There are an estimated 700 clients enrolled in CSHCS in Jackson County.

#### **Hearing and Vision**

Funding for local public health was decreased by half for the Hearing and Vision program for the 05/06 fiscal year. Due to the decrease in State funding, the Health Department scaled back Hearing and Vision technician hours several times during 2006. Our goal this school year was to screen pre-school, and grades K through 3. Screening continues in the schools (public, private, charter, and preschool). Free hearing and vision screening continued to be provided to all Jackson County children through walk-in clinics held the 1<sup>st</sup> and 3<sup>rd</sup> Friday of every month during the school year.

Since October 11, 1996, Michigan House Bill 5094 which contains the Vision Screen Program requiring hearing and vision screening for children entering kindergarten was enacted. The bill requires all children entering kindergarten to present a statement to school officials confirming they have received the Michigan Department of Community Health Vision Screen Program test. The statement must be signed by a district city, or county health department. Bill 5094 also contains a provision that a licensed medical or osteopathic physician or optometrist may sign a statement indicating that child's eyes have been examined at least once after age three and before initial school entry. (A parent may sign a statement that their child cannot be screened or tested due to religious convictions).

The Hearing and Vision program identifies problems early, allowing them to be addressed before they negatively impact a child's school performance. Referrals to Children's Special Health Care Services are then made when appropriate.

#### **Women, Infants, and Children (WIC)**

The Jackson County Health Department was chosen as the recipient of the 2006 Michigan Department of Community Health Director's Award because of the WIC Program's leadership in coordinating and implementing the WIC Electronic Benefits Transfer (EBT) Pilot project. This \$3,000 award is for demonstrating innovation and excellence in public health. The Jackson County Board of Commissioners recognized the WIC/EBT Pilot project with a proclamation on October 17, 2006.

Jackson County Health Department's WIC Program was recognized and received an award at the 2006 Annual WIC conference in September 2006 for the commitment and support of pioneering one of the nation's first online WIC EBT Systems. The Assistant Coordinator also received an award in appreciation of the planning and implementation of EBT.

## Maternal Infant Health Program (MIHP)

In December 2005, the Maternal Support Services (MSS) and Infant Support Services (ISS) Programs merged to become the Maternal Infant Health Program, (MIHP). The Michigan Department of Community Health reengineered the existing program in an ongoing effort to improve the health status of pregnant women and infants in Michigan. The short-term goal is to use a standardized system-wide process to screen all Medicaid eligible pregnant women, assign risk stratifications, and engage them to participate in the program and to deliver targeted interventions and measure specific outcomes. The long-term goal is to reduce maternal and infant morbidity and mortality.

<b>Maternal Support Services</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
Clients	301	291	293

<b>Infant Support Services</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
Clients	214	191	162

<b>Children's Special Health Care Services</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
Families Enrolled	638	680	710

<b>WIC</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
Participants Enrolled	5,200	5,243	5,082
Average Monthly Participation	4,492	4,346	4,107

<b>Lead</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
Nurse Visits	29	26	24

<b>Early On</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
Children Enrolled	165	179	206

<b>Hearing Screening</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
Children Screened	6,145	6,676	3,021

<b>Vision Screening</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
Children Screened	10,710	8,735	6,497

<b>Bereavement Support for Perinatal Deaths</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
Clients served	9	13	8
Nurse visits	14	19	12



### *2006 in Review*

*The Health Education Division encompasses a variety of preventive services and programs to empower individuals, groups, organizations, and communities to play active roles in achieving, protecting, and sustaining healthy lifestyles. This is accomplished through the activities of assessment, program planning, implementation, evaluation, advocacy, community organization, and promotion. Staff is actively involved in community coalition/partnerships to achieve program goals.*

#### **Car Seat Program**

The Car Seat Program (CSP) provides low-cost, brand-new car seats, short-term rental car seats and car seat safety education to families and agencies in Jackson County. The Car Seat Program is funded by; United Way of Jackson County, Jackson Traffic Safety Program, Foote Hospital Auxiliary, Jackson County and the Jackson County Health Department. The Car Seat Program has four Certified Child Passenger Safety Technicians who completed and passed a four-day, 32-hour certification course and exam. Every two years, the Technicians are required to renew their certification by performing various car seat inspections and passing a 100-question exam. This past year, two Certified Technicians in the Car Seat Program successfully completed the re-certification process. The CSP also provides in-services/presentations on car seat safety for various agencies and groups in the Jackson community. In addition to providing low-cost car seats, the Car Seat Program also provides car seat inspections and hosts two, free "Car Seat Check Days" annually.

#### **Jackson County Abstinence Partnership (JCAP)**

JCAP is in the fifth year of a five year grant awarded by the Michigan Department of Community Health. Through this grant, JCAP provided sixteen hours of classroom education to 1,287 fourth, fifth and sixth grade students in 55 classrooms and 134 eighth grade students in five classrooms within the Jackson Public School (JPS) district. The program included character development, service learning, puberty education and abstinence education. Additional opportunities were provided to youth through the Girls Trek Quest Program with the Jackson County Intermediate School District (JCISD), the after school programs at Hunt Elementary and through summer programming provided by a special grant received from the Michigan Public Health Institute. Parents are included in school based programming through parent surveys and parent/child homework assignments. JCAP continues to work with the Jackson Youth Partnership (JYP), a youth focused coalition. One of the greatest successes of JCAP this year was the ongoing classroom intervention. The relationships built with students and staff have been critical to the success of JCAP programs. Students have received quality puberty education and character education that has made a positive impact on their growth and development.

#### **2006 Kids' Fest**

On Friday, June 2nd and Saturday, June 3rd 2006, the Jackson County Health Department and American 1 Federal Credit Union (A1FCU) co-sponsored its 1st annual, two-day, Kids' Fest, an interactive health fair. Co-sponsoring the event with A1FCU allowed us to levy resources most effectively from the private and public sectors. Over 2,200 children, adults and community members participated. Many local agencies helped to make this event successful: Jackson Transportation Authority provided free bus rides to and from the Fair Events Center, Jackson County Health Department provided 75 children's bicycle helmets, Blackman Fire Department provided the Seat Belt Convincer, Pedal and Tour provided the bike safety show and one-on-one bicycle helmet fittings, Target provided sporting equipment, Meijer provided two children's bicycles, McDonald's provided the Ronald McDonald Magic Show, Center for Family Health and Dr. Grover provided the Dental Show, and 50 local agencies provided educational games and prizes. Kids' Fest was promoted throughout the Jackson community utilizing posters, local radio, newspaper and cable television advertising.

### **Promoting Abstinence for Teen Health (PATH ) Program**

The PATH Program completed its second year. This five day abstinence only, skill building program focuses on providing middle school students the tools they need to reduce their risk of contracting a sexually transmitted disease or becoming a teen parent. The five-session curriculum promotes the benefits of abstinence, responsible decision making, future goal setting, importance of self esteem, managing peer pressure, the consequences of sexual activity and utilization of refusal skills.

The PATH Program reached 1,202 students in ten middle schools in Jackson County during the 05/06 School Year. The ten schools that participated in the five-day PATH Program were: Columbia, DaVinci, Hanover-Horton, East Jackson, Jackson Catholic Middle School, Grass Lake, Michigan Center, Northwest, Vandercook Lake and Western. The pre and post student survey data for each school district and the County as a whole have been compiled with very favorable response changes from pre to post, indicating an increase in student knowledge.

The PATH Program also reached 432 students that completed the one-day follow up in the 8th grade. The three schools that participated were Jackson Catholic Middle School, East Jackson and Columbia. Post surveys were also completed which showed very positive response to the program.

### **Jackson Tobacco Reduction Coalition (JTRC)**

During the 2005 fiscal year, the Jackson Tobacco Reduction Coalition focused on educating local elected officials at the city, county, township and village levels on smoke-free air. Pre and Post Surveys were conducted to determine their knowledge levels and attitudes regarding secondhand smoke and clean indoor air policies. In addition, eleven tobacco coalition members were trained and provided resources to educate elected officials, leaders and individuals in face to face meetings or community members through presentations to service clubs, organizations, support groups, and at agency staff meetings regarding the hazards of exposure to secondhand smoke. The U.S. Surgeon General's Report entitled "The Health Consequences of Involuntary Exposure to Tobacco Smoke," released on June 27, 2006, provided additional information on the importance of implementing smoke-free air policies.

The JTRC continues to encourage restaurants to provide smoke-free dining. A total of 137 smoke-free restaurants have been identified in Jackson County and are being promoted through pamphlets and online at the Jackson Tobacco Reduction Coalition webpage and the Michigan Citizens for Smoke-Free Air. Articles promoting the smoke-free restaurants resulted in numerous calls to request the updated list of smoke-free restaurants. In addition, a total of 121 Smoke-free Home and Car Pledges were signed.

### **Senior Center Health Promotion**

The Senior Health Promotion Program (SHPP) is a collaboration between the Jackson County Health Department (JCHD) and the Jackson County Department on Aging (JCDOA). A Health Educator from the JCHD is contracted to the JCDOA to serve as their Health Promotion Specialist, 16 hours per week. The program provides exercise classes to adults, aged 60 and older, to help increase and/or maintain their functional mobility. The ten-week classes are combined with pre- and post-Fitness Assessments. The Assessment results help the participant identify strengths and weaknesses and identify classes likely to improve upon problem areas. Programs offered include a walking program, low-impact aerobics classes, chair exercise classes, line dancing lessons, strengthening classes, as well as both Basic and Advanced Tai Chi classes. Programs are provided at three of the JCDOA's Senior Nutrition Sites – the Crouch, the Spring Arbor and the Word of Light sites.

This collaborative effort between the JCHD and the JCDOA was recognized this past year by the National Association of City and County Health Officials (NACCHO). An article depicting the programs provided through the SHPP, was published in NACCHO's nationally-distributed Compendium entitled Local Collaborations to Promote Healthy Aging. In addition, both County agencies co-presented such information in August 2006, during NACCHO's national/international webcast, also entitled Local Collaborations to Promote Healthy Aging.

### **Teen Pregnancy Prevention Planning Grant**

The Jackson County Health Department received a \$20,000 planning grant to research effective teen pregnancy prevention strategies, conduct local focus groups with teens and parents, and identify needs and gaps in services in Jackson County. This process was facilitated with a community stakeholders group through a strategic planning process. An action plan is in the process of being developed for the United Way Vision Council for the 2007 – 2009 funding cycle.

## Health Education

<b>General Health Education</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
Presentations / People Reached	42,407	47,933	53,084
Children's Health Fair / Kids' Day Participants	2,500	4,000	2,200

<b>Jackson County Abstinence Partnership</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
Youth Served	1,304	1,303	1,433
Schools Receiving Curriculum	5	5	6

<b>Jackson Tobacco Reduction Coalition</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
People Reached	1,380	1,969	1,908
Quit Kits Distributed	62	212	1,576

<b>Medicaid / MICHild Health Insurance</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
Number of Children (0-18)	13,331	14,909	
Enrolled on Medicaid	(31.5%)	(35.4%)	N/A
Number of Children (0-19)	748	589	
Enrolled on MICHild	(1.8%)	(1.4%)	N/A

<b>Car Seat Program</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
Car Seats (sold/donated/rented)	523	405	447
Car Seat Checks / Education sessions	564	493	500

<b>Teen Pregnancy Prevention (PATH) Program</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
Teens Served	N/A	1,141	1,634
Schools Receiving Curriculum	N/A	9	13

<b>Jackson Health Plan</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
Number Enrolled on Plan B	65	257	783
Individuals Enrolled on the Prescription Plan	3,238	3,648	873

<b>Senior Center Health Promotion Program</b>			
	<b>FY 2004</b>	<b>FY 2005</b>	<b>FY 2006</b>
12 week physical activity program / Participants	34	21	29
Health topic presentations / People reached	1,092	886	822
Senior Fitness Test / Participants	43	43	53
Chair Exercise Class / Participants	530	397	313
Strengthening Class / Participants	N/A	169	N/A
Walking Program / Participants	N/A	429	N/A



## *2006 in Review*

*Emergency Preparedness (EP) fully supports and strives to enhance the mission of the Jackson County Health Department. The mission is supported by ensuring emergency plans are current and practiced through orientations, drills, and exercises. The goal is to provide rapid and efficient response to public health threats.*

### **Drills and Exercises**

Jackson Co. Health Dept. (JCHD) Introduction to All Hazards Plan Orientation  
Strategic National Stockpile (SNS) Delivery and Distribution Exercise  
Pandemic Influenza Exercise  
Jackson Cable TV Interview on JCHD Functions  
District 1 Regional Exercise (D1RE) Play2 Functional Exercise  
JCHD Full-Scale Exercise Orientation  
D1RE Play2 Full-Scale Exercise – Region 1  
Evaluation – Oakland County Regional Full-Scale Exercise  
Jackson County Essential Personnel Exercise  
Jackson County Flu Clinic Exercise  
School Closing Pandemic Exercise  
Foote Health System Exercise

### **Presentations and Events for Community Partners**

Eaton Corporation Pandemic Presentation  
Emergency Preparedness Presentation to CMS Energy  
Township Meeting – EP and Pandemic Influenza  
CMS Energy Exercise  
Emergency Preparedness for Foster Families  
Emergency Preparedness for Senior Citizens  
Emergency Preparedness for University of Michigan Nursing Students

### **Specialized Committee Participation**

Local Emergency Preparedness Committee (LEPC)  
District 1 Regional Medical Response Coalition

### **Specialized Training for EPC and/or JCHD Staff**

FEMA Integrated Emergency Management Training  
The Incident Command System (ICS)  
National Incident Management System (NIMS)  
National Response Plan (NRP)  
ICS for Single Resources and Initial Action Incident  
Introduction to the Incident Command System  
National Incident Management System (NIMS) Introduction  
Health Department NIMS/ICS Exercise



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