

Jackson County Health Department 2008 Annual Report



**Jackson County
Health Department**

Prevent Disease ~ Prolong Life ~ Promote Public Health

Jackson County Health Department
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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 Commissioners

James Shotwell, Jr. (Steve), Chair
Earl Poleski, Vice-Chair

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David Lutchka	Mike Brown
Todd Brittain	Patricia Smith
Philip Duckham III	Michael Way
James Videto	David Elwell

Human Services Committee

Michael Way, Chair
Philip Duckham III, Vice-Chair
Mike Brown
Patricia Smith
Todd Brittain

Jackson County Administration

Randall Treacher – Administrator/Controller
Adam Brown – Deputy Administrator/Controller

Jackson County Health Department Administration

Ted Westmeier, Health Officer
Dr. Donald Lawrenchuk, Medical Director
Shelly Bullinger, Director of Health Education and Health Promotion
Mary Ricciardello, Director of Personal and Preventative Health Services
Steve Hall, Director of Environmental Health
Jim Freeman, Emergency Preparedness Coordinator
Rex Pierce, Financial Services Manager



Message to the Community

To the Residents of Jackson County:

On behalf of the Jackson County Health Department staff, I present you with our 2008 Annual Report. Our employees strive to maintain high quality programs and services, even in these very difficult economic times. In 2008, our Department received Accreditation from the Michigan Local Public Health Accreditation Program. This honor indicates that we meet or exceed all the minimum program requirements for the following programs: Local Public Health Administration, Clinical Laboratory, Food Service Sanitation, General Communicable Disease Control, Hearing Screening, Vision Screening, Immunizations, Onsite Sewage Treatment Management, Sexually Transmitted Infections, HIV/AIDS and Women, Infants and Children (WIC) Administration.

I sincerely encourage you to review the report and become aware of the programs and services provided by our three primary service delivery divisions: Environmental Health, Personal and Preventative Health and Health Education and Health Promotion. In addition, the Emergency Preparedness program plans for the utilization of our staff resources and those of the community for an orderly and effective response to public health threats.

Should you want to learn more about our programs and services, do not hesitate to contact us.

Sincerely,



Ted Westmeier, RS, MPH
Director/Health Officer

Client Testimonials

“Thank you so very much for all you do to help our family! This (WIC) program has been a huge help and blessing to our family, and we appreciate the parts you have played in contributing to it!”

The Ortell Family

“I’ve been with the (Maternal Infant Health) program since 2005. It’s very helpful. It’s a lot of fun. You learn new things about how to raise a baby and how to take care of a baby. The people are wonderful and nice.”

Nancy Zukę

“We appreciate all the help we have received from the Jackson County Health Department Immunization Department. They are always willing to guide us through all of our issues and have been a great support to our practice.”

Barbara Miller, Office Manager

Parkside Pediatric Clinic

“I have been attending the (senior) exercise programs for about six months. The classes are both physically and mentally stimulating. My body is more flexible and my joints have become less stiff. The exercises classes are fun, and I enjoy interacting with other seniors.”

Nancy Williams

“The Car Seat Program at the Health Department continues to be one of the important activities supported by the Jackson Traffic Safety Commission. The commission believes the car seat program is a vital part of the traffic safety program for the young people in our community from birth to age eight. The program offered by the Health Department is one of the most comprehensive in the state. Because the program can provide child safety seats at low-cost to parents, it is providing an important traffic safety service to adults and the youngsters of our community which is especially important in these tough economic times.”

Bev Ward, Director

Jackson Traffic Safety Program

“Early On is a wonderful program for families who have children birth to three that need a little extra help. I find the program and staff to be very professional and knowledgeable in each of their areas of expertise. I feel my child has made tremendous progress in the last year and a half. My child and I have formed an incredible bond with her early intervention team.”

Andrea Mann

Jackson County Health Profile

Selected Leading Causes of Death

	Jackson County			Michigan		
	2005	2006	2007	2005	2006	2007
Disease of the Heart	251.2	242.4	244.2	252.5	243.7	240.9
Stroke	58.1	50.5	47.2	50.8	47.8	46.0
Cancer	255.0	227.9	220.2	202.0	202.9	199.2
Chronic Lower Respiratory Disease	61.9	66.3	53.4	45.0	45.0	45.8
Pneumonia and Influenza	20.8	22.7	17.8	19.7	16.8	16.2
Unintentional Injury	25.9	25.2	41.7	34.5	35.8	36.9
Diabetes Related	118.7	109.8	104.8	88.0	86.9	80.4
Homicide	5.7	3.8	*	6.8	7.2	7.0
Suicide	16.4	12.0	13.5	11.1	11.4	11.1

Case Rates per 100,000

* There were less than 4 homicides in Jackson County in 2007; rates are not calculated when less than 6 events.

Cardio Pulmonary Disease Health Indicators

	Jackson County			Michigan		
	2005	2006	2007	2005	2006	2007
Disease of the Heart	251.2	242.2	244.2	252.5	243.7	240.9
Stroke	58.1	50.5	47.2	50.8	47.8	46.0
Chronic Lower Respiratory Disease	61.9	66.3	53.4	45.0	45.0	45.8
Pneumonia and Influenza	20.8	22.7	17.8	19.7	16.8	16.2
Diabetes Related	118.7	109.8	104.8	88.0	86.9	80.4

Case rates per 100,000

Maternal / Infant Health Indicators

	Jackson County			Michigan		
	2005	2006	2007	2005	2006	2007
Total Live Births	2,086	2,006	2,014	127,518	127,537	125,172
Teen Births (15-19)	281	294	271	11,794	12,322	12,493
*Teen Pregnancies (15-19)	413	424	399	19,185	19,669	19,737
Low Birth Weight (↓ 2500 grams)	150	179	167	10,665	10,720	10,550
Very Low Birth Weight (↓ 1500 grams)	39	28	32	2,140	2,090	2,147
**Inadequate Prenatal Care	169	225	181	9,058	8,129	9,694
Infant Deaths	25	17	15	1,013	940	997

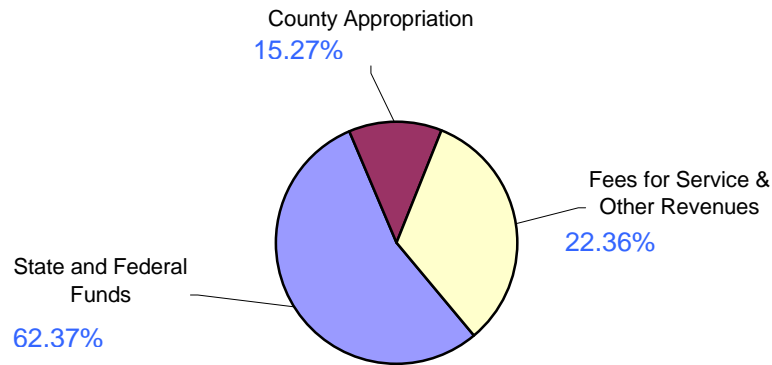
*Pregnancies are the sum of live births, abortions and estimated miscarriages.

**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.)

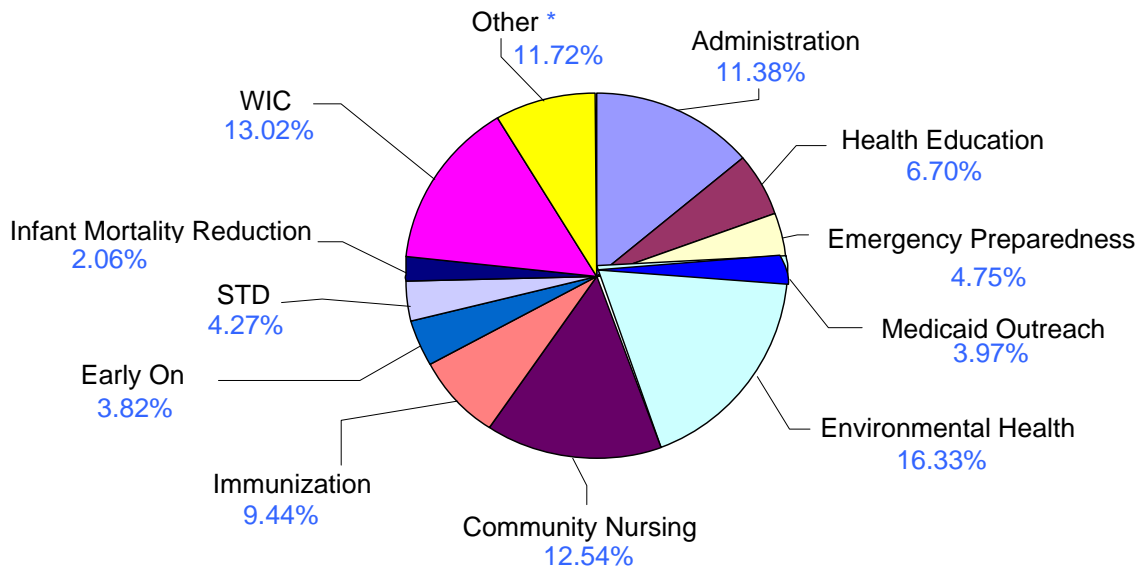
FY 2008 Revenue & Expenses

Total Budget = \$4,072,412

REVENUES FYE 9/30/08



EXPENDITURES FYE 9/30/08



*OTHER PROGRAMS

AIDS.....	0.35%	Immunization Action Plan.....	1.82%
Car Seat Program.....	1.78%	Community Health Assessment	1.03%
Children's Special Health Care Services		Teen Pregnancy Prevention.....	2.33%
Outreach & Advocacy.....	1.85%	Tobacco Reduction Coalition.....	0.42%
Hearing and Vision.....	2.17%		

Environmental Health Services

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.

2008 in Review

- In 2008, EH in conjunction with Michigan State University Extension – Jackson County, conducted four Serve Safe restaurant manager training courses, each lasting sixteen hours. From these three classes, seventy-four participants successfully completed the class and have the knowledge to make their food establishment a safer place for their customers.
- In 2005, the EH division began offering a 3 ½ hour program (Basics of Food Safety) designed to teach safe food handling techniques to kitchen staff. This program is not a manager certification course like the Serve Safe training. It is designed to give those 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 over 150 people in 2008.
- In February 2008, EH implemented the soil erosion and sedimentation control program for the county. The goal of the program is to serve the public by protecting the waters of the State of Michigan and to ensure clean water for drinking, swimming, fish, and wildlife habitat.

Environmental Health Statistics			
	FY 2006	FY 2007	FY 2008
Food Service Licenses Issued	583	590	561
Restaurant Inspections	983*	977*	1038*
Restaurant Plan Reviews	39	38	26
Temporary Food Licenses Issued	133	122	112
Food Service Complaints Investigated	76	68	90
MI Department of Human Services Inspections	75	68	53
Sewage Disposal Permits Issued	454	295	187
Sewage Disposal Inspections	458	302	320
Water Well Permits Issued	507	339	240
Wells Abandoned	146	377	195
Non-Community Water Supplies (Monitored Quarterly)	244	244	244
Campground Inspections	27	27	28
Swimming Pool Inspections	63	62	62
Nuisance Complaints Investigated	104	82	44

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

Personal and Preventative Health

Clinical Health Services

2008 in Review

Communicable Disease/HIV/AIDS/ STD

- Shortage of Rabies Vaccine continues in 2008. Post-exposure prophylaxis required consultation with the local public health department and approval from the state health department for ordering of the vaccine from the manufacturer.
- A multi-state outbreak of human Salmonella serotype Saintpaul was investigated by the CDC, state health officials, local health departments, and the U.S. Food and Drug Administration. Jackson County Communicable Disease Staff investigated one case related to the outbreak.
- Flu activity reached “widespread” status on 2/11/08, likely indicating seasonal peaking. Flu vaccine was administered throughout the entire flu season.
- JCHD HIV/AIDS Counseling and Testing Staff participated in National HIV Test Day on June 27, 2008. Free walk-in HIV Counseling and Testing was offered for the day. Public Service Announcements were done.

Immunization Program

- JCHD health care workers were offered serology testing for Measles, Mumps, Rubella, and Varicella. Booster doses were administered to those found without immunity.
- A “Drive-thru” Flu Clinic was held at the City Fire Station for county employees. This was chosen to test our ability to provide chemoprophylaxis to the community in the event of a pandemic incident.
- Gardasil Vaccine was offered free or at a reduced cost to eligible women, 19 to 26 years of age through Federal grant dollars. This was a “one time funding” through the CDC. The vaccine was offered to eligible women in the STD or Immunization Clinics.

Personal and Preventative Health

Clinical Health Services

Immunization Clinic

	FY 2006	FY 2007	FY 2008
Total Immunizations Given*	7,859	**7,645	7,575
Flu Vaccine Given	3,863	2,827	2,340
* Total immunizations include flu vaccine			

Sexually Transmitted Disease Clinic (STD)

	FY 2006	FY 2007	FY 2008
Patients Examined	1,380	1,228	1,559

Jackson County Sexually Transmitted Disease Rates (per 100,000 population)

	FY 2006	FY 2007	FY 2008
Gonorrhea	215.00	221.00	219.00
Syphilis (Early Latent)	.63	.63	0
Syphilis (Primary)	--	0	.63
Chlamydia	399.00	359.00	470.00

Tuberculosis Clinic

	FY 2006	FY 2007	FY 2008
Newly Diagnosed TB	2	1	1
PPD Tests Administered	878	795	894

HIV / AIDS

	FY 2006	FY 2007	FY 2008
HIV/AIDS Testing & Counseling Clients	196	179	163
HIV New Cases	6	1	5
HIV Prevalence Rate (per 100,000 population)	94.7	68.0	70.0

Rabies

	FY 2006	FY 2007	FY 2008
Animals Tested	49	71	68
Animals Positive	0	7 (bats)	4 (bats)

Personal and Preventative Health Community Health Services

2008 in Review

Children's Special Health Care Services

- Passed state audit in June 2008 with no areas out of compliance.
- CSHCS PHN participated in CSHCS Statewide Strategic Planning in April 2008.
- CSHCS PHN is participating in committees for implementation of 2010 goals.

Early On

- An Early On Coordinator was hired following a several month vacancy in the program.
- The Early On Program received a grant for \$4,806.00 from the Jackson County Community Foundation to teach the "Happiest Babies on the Block Program." This is a program developed to teach parents to calm their crying infants, thus preventing potential incidents of Shaken Baby Syndrome.
- Early On has expanded services to provide Physical Therapy consultation for children with a delay in motor development.

Fetal and Infant Mortality Review (FIMR)

- Jackson County FIMR Case Review Team held 8 meetings and reviewed 13 infant deaths.
- Provided 9 Safe Sleep presentations to the community reaching over 600 individuals.
- Distributed 35 cribs in conjunction with safe sleep educational materials.
- Distributed over 200 prenatal resource packets to pregnant women applying for Medicaid Health Insurance.
- Distributed 1420 'onesie' infant t-shirts to infants born at Allegiance Health with safe sleep messaging.
- Distributed 5000 prescription labels education women on the signs of pre-term labor in an effort to reduce prematurity, a leading cause of infant mortality.
- Assisted in development and collaboration of the House to House program reaching women of child bearing ages including teens in targeted community regarding women's health, including pregnancy education, family planning and prenatal care.

Maternal Infant Health Program (MIHP)

- All pregnant women enrolled in MIHP are screened through an online Maternal Risk Identifier.
- Online Smoking Cessation training completed by all MIHP staff through Michigan Department of Community Health.
- Post partum women are encouraged and assisted by MIHP staff to apply online for Plan First.
- Postpartum women are screened by MIHP staff for Postnatal Depression using the Edinburgh Postnatal Depression Scale (EPDS).
- MIHP clients are identified and screened for infant crib needs. Cribs (pack-n-plays) are provided to clients in need along with safe sleep education.

Personal and Preventative Health

Community Health Services

Maternal Support Services Program

	FY 2006	FY 2007	FY 2008
Clients	293	239	217

Infant Support Services Program

	FY 2006	FY 2007	FY 2008
Clients	162	167	186

Children's Special Health Care Services

	FY 2006	FY 2007	FY 2008
Families Enrolled	710	712	705

Lead

	FY 2006	FY 2007	FY 2008
Nurse Visits	24	19	10

Early On

	FY 2006	FY 2007	FY 2008
Children Enrolled	206	297	303

Bereavement Support for Perinatal Deaths

	FY 2006	FY 2007	FY 2008
Clients Served	8	7	2
Nurse Visits	12	19	7

Health Education and Health Promotion

2008 in Review

Car Seat Program

- Provides low-cost, brand-new car seats, short-term rental car seats, car seat inspections and car seat safety education to families and agencies in Jackson County.
- Funded by; United Way of Jackson County, Jackson Traffic Safety Program, Jackson Junior Welfare League, Jackson County and the Jackson County Health Department.
- Provides in-services/presentations on car seat safety for various agencies and groups in the Jackson community. For example, every month the Car Seat Program provides courses on infant carrier safety for the Stork Club at Allegiance Health.
- Provides free car seat inspections and hosts two, free “Car Seat Check Days” annually.

Hearing and Vision Screening

- Vision screening increased 19% from previous school year.
- An increase of 362 preschool age children received a hearing screening.

Abstinence Programs (formerly Jackson County Abstinence Partnership/JCAP)

- Jackson Public Schools contracted directly with JCHD in 2008 to continue providing six hours of puberty education to 1,300 fourth, fifth, and sixth graders.
- A Michigan Abstinence Partnership mini grant provided abstinence education at six Jackson County Middle Schools.
- An intense summer program called the “Get REAL” Program was delivered in the south side neighborhoods of the City of Jackson reaching 82 youth.

Jackson Tobacco Reduction Coalition (JTTC)

- Serves as a referral source and clearinghouse for information on smoking cessation, secondhand smoke and current information regarding laws, policies, and tobacco education campaigns.
- The JTTC serves as a data source for information regarding smoke-free worksites, restaurants, and rental housing options.
- Provides presentations to groups, clubs, schools etc. on the hazards of tobacco use and the harmful effects of exposure to secondhand smoke.

Health Education and Health Promotion

2008 in Review

Kids' Fest

- Two day annual interactive health and safety learning event, sponsored in collaboration with American 1 Federal Credit Union, held on Friday, June 13 and Saturday, June 14.
- Numerous local community agencies, programs, businesses and volunteers participated in this very successful event.
- Over 2,000 participants engaged in enjoyable learning activities focused on health and safety issues.

Lead Outreach Program

- Provide direct mailings to parents of children who have been screened for lead, and area agencies, daycares, medical personnel and organizations working with at risk families to provide information and encourage participation in the City of Jackson Lead Remediation Program.
- Assist eligible clients in completing applications and securing paperwork necessary for approval in the City of Jackson Lead Remediation Program.
- Contracted through the City of Jackson Lead Hazard Control Program to provide outreach and lead education through participation in health fairs, dissemination of brochures and press releases, and presentations to community groups.

Medicaid Outreach

- Assist clients in applying for Healthy Kids Medicaid, MiChild, MOMS, and Plan First health care insurance programs.
- Provide information and resources to clients on Medicaid services and programs, community resources, and JCHD programs and services.
- Refer clients to JCHD services and community services.
- Market Medicaid services and JCHD services throughout the community by utilizing local media, participating in community events, networking with local resources, and developing relationships with local service providers.

Promoting Abstinence for Teen Health (PATH) Program

- Completed its 4th year of programming.
- Five sessions of abstinence-only curriculum designed for middle school students.
- 10 Jackson County middle schools participate.
- 3 Jackson County high schools participate.
- Evaluation data from pre and post program surveys show increases in student knowledge and favorable student and school staff response to the program.

Health Education and Health Promotion

2008 in Review

Senior Center Health Promotion

- Acquired/trained/managed four volunteer lay-leaders to extend available health promotion courses.
- Added three additional Line Dance Courses and two additional Tai Chi Courses.
- Senior Health Promotion Specialist was featured in the July edition of the Healthy & Fit Magazine.
- Lead a new nationally recognized, 6-week, evidence-based program called PATH (Personal Actions Towards Health) for individuals living with chronic conditions.

Teen Pregnancy Prevention Initiative (TPPI)

- The Jackson County Health Department continues to coordinate the Teen Pregnancy Prevention Initiative, funded by the United Way of Jackson County as part of a three year funding cycle.
- As a result of completing a strategic planning process, three goals have been identified by an advisory committee, which are: implementation of the Carrera program, parent and community education, and advocacy.
- The TPPI held a Call to Action community event to release the strategic plan, *Pursuing Hope for Our Youth*, in which 140 community members attended.
- A video featuring local teen parents was created titled '*I Wish.*' This video will reach Jackson County young people in hopes of preventing teen pregnancy through hearing real-life testimonies of local teen parents.

Women, Infants & Children (WIC) Program

- WIC's main focus is breastfeeding promotion, education and support. If an infant is formula-fed, WIC provides iron-fortified formula on a supplemental basis.
- Jackson County WIC was one of four pilot counties for the new web-based data system, MI-WIC. The MI-WIC pilot began July 28, 2008 and was successfully completed October 28, 2008. Statewide rollout is in progress and complete implementation of the system in Michigan is planned for May 2009. MI-WIC is the first web-based, EBT (Electronic Benefits Transfer) system in the nation.
- In fall 2009, WIC's revised food packages will make their debut. Changes include adding fresh fruits and vegetables, whole grain breads and cereals, low fat milk, and many other healthy foods for women and children. Decreasing obesity prevalence and improving the overall health of the WIC population are incentives for these upcoming changes.
- WIC serves an all time high enrollment of 5,712 clients as of October 31, 2008 in Jackson County.

Health Education and Health Promotion

Car Seat Program			
	FY 2006	FY 2007	FY 2008
Car Seats (sold/donated/rented)	447	402	599
Car Seat Checks / Education sessions	500	528	818
Hearing and Vision Screening			
	SY 2006	SY 2007	SY 2008
Hearing Screened	3,021	6,655	6,531
Vision Screened	6,497	8,309	9,902
Abstinence Programs			
	FY 2006	FY 2007	FY 2008
Youth Served	1,433	1,226	1,884
Schools Receiving Curriculum	6	6	6
GET REAL Summer Program (new in 2008)	NA	NA	82
Jackson Health Plan			
	FY 2006	FY 2007	FY 2008
Number Enrolled on Plan B	783	854	893
Individuals Enrolled on the Prescription Plan	873	3,882	*3,087
*Eligibility re-determination in 2008			
Jackson Tobacco Reduction Coalition			
	FY 2006	FY 2007	FY 2008
People Reached	1,908	663	265
Quit Kits Distributed	1,576*	208	138
*MDCH began a new Nicotine Replacement Therapy Program in 2006 for qualified participants.			
Kids' Fest			
	FY 2006	FY 2007	FY 2008
Kids' Fest Participants	2,200	4,000	2,000
Lead Outreach			
	FY 2006	FY 2007	FY 2008
People reached through letters and presentations	NA	NA	2403
Educational Materials Distributed	NA	NA	3201
Number of applications completed	NA	NA	16
Medicaid / MICHild Health Insurance			
	FY 2006	FY 2007	FY 2008
Number of Children (0-18) Enrolled on Medicaid	15,109 (35.8%)	14,768 (35.7%)	NA
Number of Children (0-19) Enrolled on MICHild	618 (1.5%)	570 (1.4%)	NA
Teen Pregnancy Prevention (PATH) Program			
	FY 2006	FY 2007	FY 2008
Teens Served	1,634	1,780	1,913
Schools Receiving Curriculum	13	13	13

Health Education and Health Promotion

Senior Center Health Promotion Program			
	FY 2006	FY 2007	FY 2008
12 week physical activity program <i>(Not offered in 2007-2008)</i>	72	NA	NA
Health topic presentations <i>(Format changed 2007)</i>	822	245	68
Senior Fitness Test <i>(Not offered in 2007-2008)</i>	53	NA	NA
Chair Exercise Class <i>(Format changed in 2007)</i>	1,560	2,200	3,840
Strengthening Class <i>(Combined with Aerobics in 2007)</i>	558	614	705
Aerobics/Strengthening Class <i>(New in April 2007)</i>	450	614	646
Balance Ball Class <i>(New in April 2007)</i>	NA	126	161
Line Dancing Lessons <i>(New in April 2007)</i>	160	218	952
Yoga Classes	NA	240	258
Tai Chi Classes	725	676	535
PATH (Personal Actions Toward Health) Class	NA	NA	53
WIC			
	FY 2006	FY 2007	FY 2008
Participants Enrolled	5,082	5,272	5,534
Average Monthly Participation	4,107	4,342	4,629

Emergency Preparedness

Mission Statement

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.

2008 in Review

- Received a score of 100% on the following three Jackson County Health Department Plans per Office of Public Health Preparedness (OPHP) review: All Hazard Response Plan; Continuity of Operations Plan (COOP); Pandemic Influenza Response Plan.
- Completed Security Plans for all Neighborhood Emergency Help Centers/Dispensing Sites per Centers for Disease Control (CDC) guidance.
- Participated in a Mass Fatality Tabletop Exercise with Region 1 partners.
- Finalized an Isolation and Quarantine Order with Jackson County Circuit Court Officials.



**Jackson County
Health Department**

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