

# 2007 Annual Report



WASHTENAW COUNTY PUBLIC HEALTH  
...focused on prevention



## **Vision**

*A healthy community in which every resident enjoys the best possible state of health and well-being.*

## **Our Mission**

*To assure, in partnership with the community, the conditions necessary for people to live healthy lives through prevention and protection programs.*

## **Our Values**

*We will emphasize prevention to increase community health and safety.*

*We will lead the development and delivery of effective public health interventions in partnership with the community.*

*We will promote social justice by reducing inequalities affecting the health of all in Washtenaw County.*

*We will abide by ethical principles and use the public's resources wisely.*

## **Department Overview**

*The Washtenaw County Health Department works locally to prevent disease, promote health, prolong life, and protect communities. One of 45 Local Health Departments in Michigan, we share a two-century-old national public health mission to enhance sanitary conditions, protect the environment, prevent and control disease, and promote healthy lifestyles—objectives that have resulted in improved quality of life and increased life expectancy for our country's citizens. We're proud of our heritage and continue to nurture an organizational culture that supports and encourages continual improvement.*

*The Health Department consists of five major divisions: Health Promotion and Disease Prevention, Family Health Division, Disease Control, Emergency Preparedness, and Environmental Health. Health Officer Ellen J. Clement leads the organization and Dr. Stan Reedy, M.D. is its Medical Director.*

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# Health Officer's Message

## Keeping Our Community Safe, Healthy, and Vibrant

*The Health Officer acts as the administrative officer of the Washtenaw County Board of Commissioners/Board of Health and may take actions and make determinations necessary or appropriate to carry out the Local Health Department's functions, protect the public health, and prevent disease. She also applies preventive and public health knowledge, techniques, and skills to reduce the incidence of communicable disease, occupational illnesses, and foodborne disease.*



**Ellen Clement, M.S.W., M.P.H.  
Health Officer**

*Dear Friends and Colleagues:*

*On behalf of the Washtenaw County Public Health Staff, I am pleased to share with you the 2007 Public Health Annual Report which describes how public health programs and services are working to make a difference for people in our community. This report summarizes key accomplishments of an eventful and productive year. We appreciate the essential input, collaboration, support and ideas we received from our stakeholders, including the public. We also appreciate the trust placed in us as we work to fulfill our mission to protect and improve health in Washtenaw County.*

*The Washtenaw County Public Health staff takes great pride in their work and I'm proud of what we've accomplished this past year in our Disease Control, Family Health, Health Promotion and Disease Prevention, Emergency Preparedness, and Environmental Health divisions. I'm excited to share our accomplishments with you and I encourage you to continue through the pages of this report to learn more about some of the activities the Washtenaw County Public Health Department does on a daily basis.*

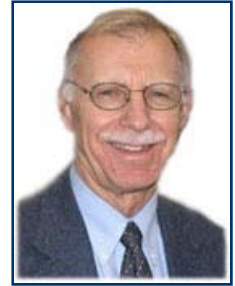
A handwritten signature in black ink that reads "Ellen J. Clement, MSW, MPH". The signature is written in a cursive style.

**Ellen J. Clement, M.S.W., M.P.H.  
Health Officer**

# Medical Director's Message

## Making Good Health a Habit

*The Medical Director is responsible for the establishment, maintenance, and supervision of all basic public health services and for the development, review, and implementation of all standing orders. He is the medical liaison with community physicians and other health personnel, institutions, and regional and statewide organizations, ensuring that whenever feasible, these entities have an opportunity to be involved with the development of public health programs. The Medical Director participates in planning, development, and review of all Emergency Preparedness response plans and policies, including exercise drills and training.*



**Stan Reedy, M.D., M.P.H.**  
**Medical Director**

We tracked some worrisome events and trends this year. Each one is a reminder of how important it is that the people of Washtenaw County have a strong, active set of professionals monitoring the occurrence of infectious disease, and that State and Federal governments orchestrate and fully fund follow-up of and protection against a wide range of dangerous, not-yet-controlled diseases.

- Avian influenza continues to kill millions of domestic and wild birds, thus wreaking havoc in the food supply and economies of many countries. It also kills a high percentage of people who are exposed and infected.
- MRSA, a highly antibiotic-resistant strain of Staph infection, is striking hard, causing severe infections and death in all age groups across the country and the world.
- Multiply drug resistant TB, or MDR-TB, a notoriously difficult to treat strain of TB that requires prolonged and expensive treatment, has appeared again in Washtenaw County and several neighboring counties. MDR-TB is spreading more and more rapidly throughout the world. Inadequate treatment in many poor countries is leading to totally resistant TB, especially in persons also infected with HIV.
- Once again, the Health Department staff had to cope with the threat of an imported disease, measles. A high level of vaccination against measles, together with prompt response by schools, clinicians, and parents, led to early resolution of this probable threat.

A handwritten signature in black ink that reads "S Reedy M.D. MPH".

Dr. Stan Reedy, M.D., M.P.H.  
Medical Director

# Health Promotion and Disease Prevention

## Increasing Health, Well-Being, and Quality of Life

*Health Promotion and Disease Prevention (HPDP) promotes healthier lives for individuals, groups, and the community at-large through community assessment and mobilization, data dissemination, education, and policy and environmental approaches. To prevent disease and reduce individual health risks, staff members manage programs that support emotional well-being, provide health education, prevent substance abuse, improve worksite wellness, and coordinate crisis response services. They administer grants that improve community norms toward substance abuse prevention and increase the use of policy and environmental approaches to preventing chronic disease.*



**Sharon P. Sheldon, M.P.H.**  
**Health Promotion and Disease Prevention Manager**

Prevention, wellness, and health promotion are words that we are hearing more often in the newspaper, on the television and in our community! Doctors, nurses and other health professionals stress the importance of getting preventive exams and tests such as blood pressure and cholesterol screening, (“Know Your Numbers!”) and regular mammograms for chronic disease prevention.

You can rest assured that Washtenaw County Public Health is continuously focused on prevention and health promotion in our community. In addition to providing immunizations to youth in schools and flu shots for “at risk” community members, Public Health staff also provide health education targeted on prevention for youth in schools, to businesses leaders and through the media in order to reach all who live and work in Washtenaw County.

In order to reach many people, Public Health spends time working toward prevention-oriented environmental improvements such as creating and/or improving walking and biking routes, increasing and promoting smoke free public and private spaces and increasing access to healthy foods in the community.

In this section of our annual report, we are featuring descriptions of three 2007 projects which will help you better understand how health promotion and disease prevention efforts are under way throughout the year in throughout Washtenaw County.

### ***Senior Project FRESH***

This year, health promotion staff teamed up with MSU Extension to offer Senior Project Fresh (SPF), a farmers’ market coupon program for low-income seniors, for the first time in Washtenaw County. With a focus on two senior high-rise complexes in Ypsilanti, staff distributed 150 coupon books for a total of \$3,000.00 worth of purchasing power for fresh, Michigan-grown fruits and vegetables. Many seniors shopped at the nearby Downtown Ypsilanti Farmers’ Market, which offered fresh vegetables and fruit throughout the summer and fall. Program participants redeemed about 75% of the coupons and reported high levels of satisfaction with SPF. Many also reported that they plan to eat healthier all year round.

Program participants have enthusiastically supported Senior Project FRESH by saying:

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***“This program has been a Godsend for me and my husband. It has helped us stretch what we have. I am 125% satisfied with this program. I can’t thank you enough.”***

-SPF Participant, Aged 72

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***“My husband’s prescriptions cost \$125 a week. After we pay for them, we don’t have much money left for food.”***

-SPF Participant, Aged 72

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***“Before the farmers’ market came, we had to go 5 or 6 miles to get fresh fruits and vegetables.”***

-SPF Participant, Aged 74

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The SPF program highlighted the high levels of food insecurity that seniors who participated in this program face; their inability to access healthy food is likely a function of their low income status, a lack of nearby grocery stores, limited access to transportation, and significant physical and/or mental limitations.

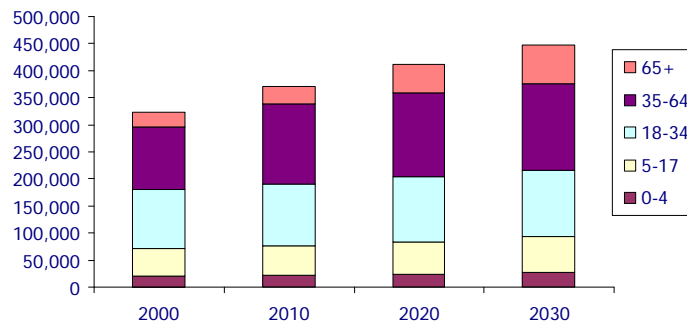
### New Focus Area in the Health Improvement Plan

HIP partners completed the development of 52 county-wide health improvement objectives, to be achieved by the year 2020. The objectives are population-based, measurable targets that span the county and encompass four priority groups and 9 critical health issues. Establishing the prevention-based objectives was the culmination of a lengthy data collection and analyses process. The 2020 objectives are the second set of county health objectives established by HIP partners, the first in 1995.

### Older Adults are a Growing Population

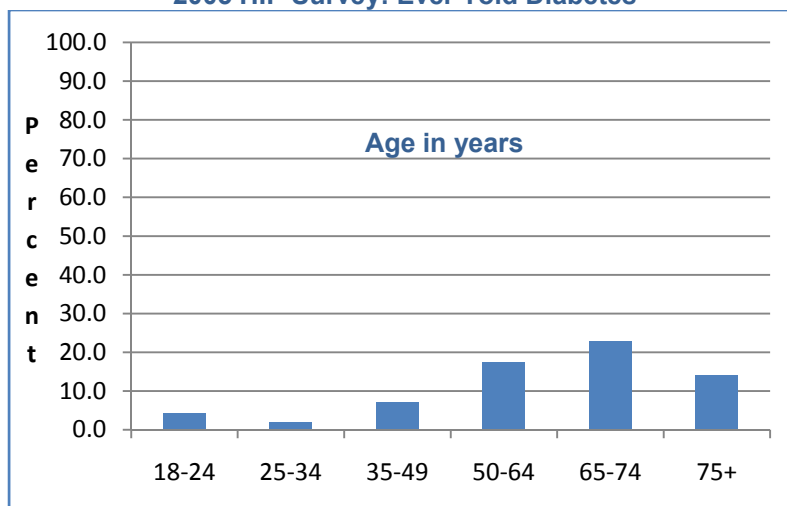
Part of the HIP objective design process includes identifying at-risk populations. A new HIP priority group was created for healthy older adults in order to better serve this rapidly growing demographic of county residents. Currently, in Southeast Michigan, 2,500 people turn 65 every month—increasing to 5,200 by 2012 (US Census Bureau). By the year 2030 those 65 years and older will make up 16% of the entire Washtenaw County population, a 176% increase from 2000 (see figure below).

**Washtenaw County Population  
Age Demographics 2000 through 2030**



As more Washtenaw County residents move into older adult age categories, prevalence of chronic diseases such as heart disease, diabetes, or arthritis increases. The goal of the Health Improvement Plan is to monitor and implement health improvement strategies that make it possible for older adults to remain independent and maintain an optimal quality of life. One “Healthy Older Adult” HIP Objective is to decrease the proportion of adults 50 years and older who have diabetes from 18% to 12% (see figure below).

**2005 HIP Survey: Ever Told Diabetes**



# Family Health Division

## Promoting Equality of Health Services for Children, Mothers, and Families

*The Family Health Division promotes equality of health for women of childbearing age, their children, and families by ensuring that services are available and accessible, with respect to the dignity and cultural diversity of the community. Most Family Health Division programs focus on preventing health problems through early detection and intervention services, many of which begin at the very earliest stages—during pregnancy and the first year of a child’s life. With a desire to see healthy babies in Washtenaw County, the Family Health Division also reviews the medical, social, and environmental factors linked with all fetal, infant, and maternal deaths.*



**Susan Lee, RN, MSA**  
**Nursing Director, Family Health Manager**

### **Community Impact – Focus on WIC**

The Women, Infants and Children (WIC) program provides supplemental foods, health care referrals, and nutrition education for low-income pregnant, breastfeeding, and non-breastfeeding postpartum women, and to infants and children up to age five who are found to be at nutritional risk.

- Evidence reveals that women who participate in WIC have improved pregnancy outcomes, resulting in healthier babies and reduced newborn medical costs. This benefits the infants and saves Medicaid millions of dollars in intensive neonatal care.
- The Michigan Department of Community Health says that WIC is a wise investment. “It generates important short-term improvements in the health and productivity of children. WIC is the healthcare equivalent of a triple-A-rated investment: it is one of the most reliable ways the government can invest its resources. Every dollar spent on WIC saves over \$3.50 in subsequent health care costs.”
- Food dollars spent at local grocery stores in Washtenaw County with WIC coupons in 2005-2006 was: \$3,196,572 which is a significant economic impact.
- The blood lead level decline represents an environmental public health success story. However, vulnerable populations remain in which lead poisoning continues to pose a serious threat of public health problems. Unfortunately, the communities in which children are most at risk for elevated blood lead levels are communities that are poor and underserved. The Washtenaw County WIC increased its efforts in lead testing awareness by assessing current lead status of WIC clients, by providing education and by making appropriate referrals
- Increased Community Collaboration efforts between the programs:
  - Partnership with MIHP:
    - Referring 100% of the WIC enrolled pregnant women to MIHP

- Permitting MIHP staff to deliver the WIC coupons during MIHP home visits to WIC clients thereby increasing customer satisfaction and saving County Dollars.
- Partnership with Head Start Collaboration: Increased referrals between programs and continue conducting WIC clinic at Head Start in Ypsilanti
- Partnership with La Leche League: The Lactation Consultants and the LL leaders provide free breastfeeding classes and support at the WIC clinic for WIC families.
- Partnership with MSUE: MSUE Peer Counselor provides breastfeeding encouragement and support to the WIC families prenatally and until baby is one year of age.



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*“WIC, a blessing, bringing hope to parents”*

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***One mother’s story:***

Betty, a mother of two children, James and Isabel, recounts her recent return visit to WIC. Six year old James graduated from WIC and is now in elementary school. He is a happy and healthy child. During Betty’s most recent visit to WIC for her second child Isabel, the same nutritionist that saw James saw Isabel. This triggered memories from when James visited.

Betty recounted, *“When James was seen at the WIC office about 2 years ago, he came in with congestion, cold and cough. I thought that it was just a common cold and that he would be fine with home remedies. When the WIC nutritionist saw him, she immediately knew that my son was under respiratory distress possibly having an asthma attack. I did not understand the medical emergency at the time, so the nutritionist called my pediatrician and made arrangements for my son to be seen right away. She also made sure that our WIC appointment was expedited so we could be seen by the pediatrician.*

*The doctors, of course, diagnosed the child with Asthma, put him on treatment and kept him under observation,” Betty said. “If not for the WIC program and the staff, I am not sure what would have happened to my son that day.”*

### ***Outreach Efforts***

- Increased participation/case load, the numbers represent the success of our strong program. WIC faces the highest overall participation level in Washtenaw County history. There is an increase in average of 61 families served per month from 2005/2006 and 183 per month for 2004/2005.
- Improvements to our website-more user friendly navigation
- Successfully found a replacement site for one of our satellite clinics (Zion) that went under major renovation without causing any distraction in customer service during transition. Despite the major moves, we continued to maintain our case load and participation levels.

### ***Nutrition Education***

As part of the continuing effort to improve and revitalize nutrition services in the WIC Program, VENA has been implemented. VENA stands for Value Enhanced Nutrition Assessment. VENA ensures the collection and interpretation of accurate and relevant assessment information for all WIC Program participants.

Training to all WIC CPA/RD staff on the competencies necessary to implement VENA was provided and it includes: critical thinking, rapport building, and positive health outcome-based approaches to nutrition assessment.

### ***Breastfeeding Promotion and Success***

Breast feeding promotion and support is an integral part of the WIC program. Washtenaw County WIC program strives to increase the incidence and duration of breastfeeding among women enrolled in the WIC program. Our breastfeeding initiation rate in 2006 was 63.75% which went up to 64.53% in 2007. The success of this program is due to:

- Formation and establishment of Washtenaw County Breastfeeding Coalition (WCBC)
- Peer Counselor Support
- Educating women early in pregnancy that breast feeding is the ideal method of feeding and nurturing infant for achieving optimal growth and development
- Providing breast feeding education with behaviorally-oriented counseling
- Supporting women with breast pumps
- Tracking the incidence and duration of breast feeding and setting for higher goals

## **Another success story!**

Dear WIC,

*Breastfeeding can be hard, with my first child I was fortunate enough to be able to stay home for the first year of his life so I could nurse him when ever needed. But as life goes, things change and now with my second child I am working fulltime to put my husband through school and am unable to nurse my daughter throughout the day.*

*WIC has been so supportive in encouraging me to breastfeed my daughter; I had a WIC appointment just before returning to work after my maternity leave. At my appointment WIC talked to me about the benefits of continuing breastfeeding even though I was returning to work, they even provided me with a wonderful double pump.*

*Everyday, I am so grateful that I still have a way to provide that vital nutrition for my daughter, not to mention reaping the benefits of breastfeeding (keeping the weight off, keeping both of us healthy).*

*And all of that because I have a reliable pump, provided by WIC, that I could have never been able to afford on my own. When I think about having to pump two or more times a day with my hand pump I know I probably would have given up after the first day back. But with my Ameda electric pump it makes pumping easy and for that I am so grateful.*

*Thank you so much for providing this service to those of us in need and I hope that other mothers out there realize that being a working mom and continuing breastfeeding can be done and that WIC is there to make the transition as easy as possible. I just can't say thank you enough!*

Thanks,

*Leanna Holman  
and Baby River*



## ***An Empowering Experience***

“The whole experience of learning about breastfeeding and discovering the myths that surround it, were made so comprehensible by the WIC Nutritionist. I am not sure if I would have breastfed without the knowledge and support that I acquired from the WIC staff.

My daughter is 6 months old now and is exclusively breastfeeding. I feel so empowered that I could provide the ideal nourishment for my daughter, something I, alone could do for her. If I had the knowledge I have now, I would have breastfed all my children. I feel indebted to the WIC Program staff for directing me towards making the right decision for me and my baby.

Breastfeeding opened me up in an intimate way I had never experienced before, in a way that I could be completely trusting, proud, confident and unguarded.....”

***Michelle, a WIC client who came in to see the Washtenaw County WIC nutritionist for a 6 month infant health evaluation visit, and who formula-fed her first two children.***

“WIC’s openness in regards to the needs of breastfeeding mothers was very refreshing to me”. WIC provides mother’s room for women at work while away from their babies and for their clients who come to receive the services. “Thank you WIC for the nice dual electric personal use breast pump!”

*Jessica and baby Madeline*

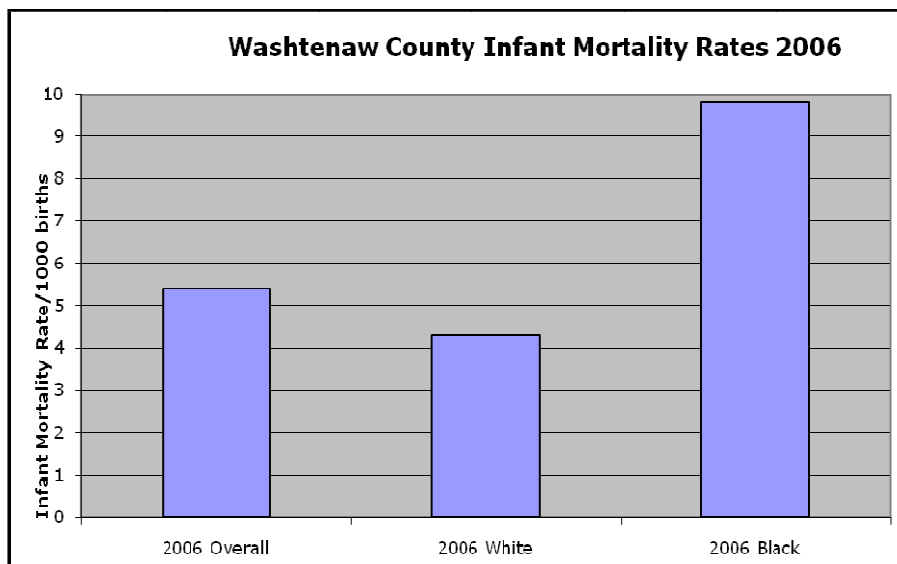


*Four and Five year olds who participate in WIC in early childhood have better vocabularies than comparable children who did not participate in WIC!*  
- MDCH



## ***Coalition for Infant Mortality Reduction***

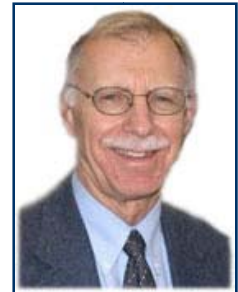
Another new area of HIP objectives is perinatal health and focuses on improving the health status of women of childbearing age to lower their risk for poor pregnancy outcomes. Over the past two years, the Coalition for Infant Mortality Reduction has tackled the difficult and persistent problems of infant mortality and low birth weight births. The health of infants is truly a marker of the health of a community. In 2006, fewer infants died, and a smaller percent were born at a low birth weight. Unfortunately, a racial disparity persists, as can be seen in the chart below. Reducing this disparity continues to be the focus of both the Coalition and of the HIP Objectives.



# Disease Control

## Protecting Health by Preventing and Controlling Disease

*Disease Control is responsible for preventing and controlling the spread of communicable diseases. It provides an active surveillance and reporting system that monitors the prevalence of all communicable diseases in the County, such as tuberculosis, meningitis, pertussis, and influenza. Disease Control provides diagnostic, treatment, counseling, and referral services for sexually transmitted diseases (STDs) such as HIV/AIDS, gonorrhea, syphilis, and Chlamydia, and also provides a wide variety of immunization services to County residents. Disease Control staff is available 24/7 to protect health and prevent disease.*



**Stan Reedy, M.D., M.P.H.**  
Disease Control Manager

In keeping with the mission of Public Health, the Adult Health Clinic continued to see clients at risk for STDs and HIV. Clients continue to be happy with the appointment system. The staff worked exceedingly hard at contacting high risk clients (age 15-24 years old) who are positive for Chlamydia or Gonorrhea to review treatment received and partner notification. The staff also exceeded expectations in contacting those infected with HIV and their partners.

The Adult Health Clinic has a strong collaborative relationship with many community-based organizations including Planned Parenthood, HARC, UM, schools and the DeRussell Potato Farm and Migrant Camp. The staff has worked with clients at the main public health clinic, Dawn Farm, the Delonis Center, juvenile detention and the jail. There have been clients that have been seen in all settings and easily followed due to the Encompass charting.

Service	2007 Clients Served	2006 Clients Served
STD Clinic Examinations/Counseling	2,798	2,664
HIV Testing/Counseling	1,060	1,415
TB Screenings and/or Treatment	1,248	1,339
Children Vaccinated Against the Flu	188	299

*The Adult Health Clinic met all requirements for accreditation by the state and received six commendations. The program was also recognized as a 'Program of Excellence' in the state.*



# Emergency Preparedness

## Protecting Your Health in the Event of an Emergency

*Preparing for and responding to emergencies is the responsibility of the Division of Public Health Preparedness. This team of emergency management specialists is dedicated to protecting public health during unforeseen crises that affect the community. Their work includes extensive emergency planning and coordination activities with Emergency Management partners, first responders, and other community resources in both the public and private sectors. They are also responsible for providing critical information to the general public before, during, and after a public health emergency.*



**Cindra James, B.S.**  
**Emergency Preparedness Coordinator**

A lot was accomplished in 2007 by our Emergency Preparedness (EP) Division. Two major goals we worked toward in 2007 were to provide quality improvement to our All-Hazard Plan (AHP), and to increase our staff's understanding of their role in a public health emergency. We are happy to report, we achieved both.

The AHP ensures that the Public Health workforce is ready to respond effectively to public health emergencies including natural disasters such as tornados or floods, to communicable disease outbreaks like influenza or measles, even power outages. And in 2007 we were able to focus on training and exercising our AHP with internal staff as well as staff from other agencies, as a result of these combined trainings we feel we are in a good position to respond expeditiously to emergency situations.

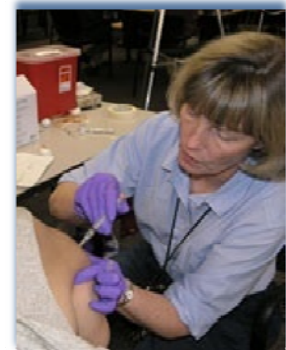


### **Accomplishments**

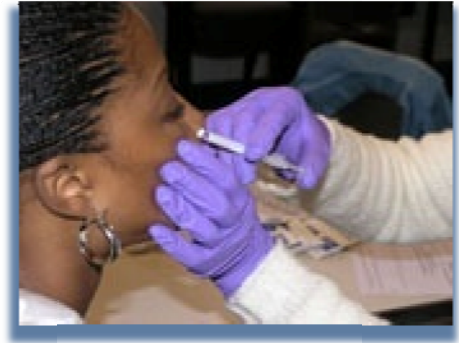
In 2007 the EP program received a 97% score for our AHP and an 86% for our Strategic National Stockpile Plan from the State. Both scores put us well above other agencies in the state.



We also completed a successful Alternate Mode Vaccination Flu Clinic with Huron Valley Ambulance. During the event we were able to test various components of our plan due to unforeseen events, including moving the clinic site due to a power outage.



We exercised our Neighborhood Emergency Help Center Plan along with the University of Michigan and Region 2 South jurisdictions. This tested our ability to triage, educate, and have patients transported from one of our sites in the event of an emergency.



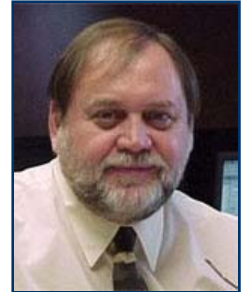
### ***Challenges for 2008***

The EP staff is extremely dedicated to accomplishing our goal of keeping the public safe in the event of an emergency and I want to assure our citizens that we are working toward that goal every day. The biggest challenge facing us in the coming years is the expectation of more planning, training and exercises from public health departments while decreasing our funding stream on a yearly basis. It is now more important than ever to keep the funding steady. We've worked hard to put together a good plan and staff is doing more with less resources. It really makes you have to prioritize what you can accomplish and while that overall is good, somewhere, something is ultimately lost.

# Environmental Health

## Protecting and Improving Our Environment and Our Health

*The mission of Environmental Health is to protect and improve the quality of the environment and the health of Washtenaw County citizens. Environmental staff does this by investigating, inspecting, testing, regulating, and reporting on all activities associated with the environment and development. This most frequently includes housing, food and foodborne illnesses, public swimming pools, beaches, hazardous material storage facilities, wells, and sewage disposal/septic systems.*



**Richard Fleece, R.S.**  
**Environmental Health Director**

2007 was an exciting year in Environmental Health. We saw the adoption of a County Community Waste Water Regulation, which will regulate the design, construction, operation and maintenance of privately owned public sewage systems and will begin implementation on July 1, 2008. Washtenaw County Sanitarians distributed nearly 1,000 Emergency Action Plans to restaurants to provide information on what steps to take to ensure food safety in the event of an emergency such as a power outage, boil water advisory, or a food contamination. We also redesigned our public website related to restaurant plan review to help make finding and accessing information easier for the public, and created an email listserv for Washtenaw County restaurants. This email listserv can be used for educational purposes as well as emergency notification and instruction.

Keeping in line with the County's guiding principles regarding enhancing customer service, Washtenaw County Environmental Services created electronic repositories for the intake of all complaints, including complaints of foodborne illness, plan review, day care inspections, and temporary food inspections. This electronic format allows multiple people to access important information from their desks to assist in customer service as well as the tracking of a project.

### ***Environmental Protection Agency Recognizes our Waste Knot Program***

Washtenaw County Environmental Services' Waste Knot Program received the Environmental Protection Agency's *Waste Wise Gold Achievement Award* for Community Involvement. The Washtenaw County Board of Commissioners presented a resolution to the Department of Planning & Environment congratulating the Waste Knot Program for this singular national honor. This year's theme for the EPA conference, "Building Community and Business Partnerships", was a perfect platform to present Washtenaw County's Waste Knot program's efforts in partnering with local businesses to reduce waste. Washtenaw County Environmental Program Supervisor Jeff Krcmarik and Solid Waste Coordinator Dan Moody attended the conference where Jeff made a presentation on the Waste Knot Program, citing some of the individual efforts by the 250 partners in the Waste Knot program.

### ***Environmental Health received high marks and praise during Accreditation Review***

In July of 2007 Environmental Health underwent an extensive accreditation review by the Michigan Department of Agriculture (MDA). This review occurs every three years and involves several MDA personnel coming to our offices to review our files as well as visit a number of local restaurants to determine compliance with the 20 minimum program requirements.

This year, 4 MDA staff arrived the Monday after the Ann Arbor Art Fairs ended and stayed most of the week, reviewing a selection of restaurant files, including restaurant inspections, complaints, foodborne illness investigations, temporary food licenses, vending machine inspections, enforcement procedures, and quality control policies and procedures. Two of the MDA staff accompanied our Senior Sanitarians out in the field to review restaurant operations at a number of Washtenaw County Food Service Establishments. After a thorough review of Washtenaw County Environmental Health's food service sanitation program, the MDA staff had the following things to say:

- "Washtenaw has a reputation for being outstanding and this demonstrates it. Staff are dedicated"
- "MDA would like to use some of our policies and procedures as models of best practices"
- "The restaurants were happy to share things that our staff had taught them"
- "MDA staff were impressed with the Guiding Principles in each conference room and said it was evident that we were following them"
- "It was abundantly clear that sanitarians had a good working relationship with the food operators"

We passed 100% of our required program areas, and we are very proud of this accomplishment.

### ***Other 2007 Highlights***

- Kristen Schweighoefer, Environmental Services Supervisor, along with the Food Team Sanitarians, attended training regarding the 2005 Food Code. At this training Kristen participated in the Michigan Food Law workgroup. The workgroup revised Michigan's food law and made recommendations to adopt the 2005 Food Code. This code becomes effective April 30, 2008 and ensures that Washtenaw County's concerns are addressed and will help shape the future of food safety and regulation in Michigan.
- Angela Parsons, Washtenaw County Environmental Educator, was honored by the Michigan Environmental Health Association and had the David H. McMullen Young Professional of the Year Award bestowed upon her during their Annual Educational Conference in March of 2007 for her outstanding contributions to the field of Environmental Health.
- Our department continued our partnership with the University of Michigan Nursing program. This program allows 4th year nursing students the opportunity to attend a restaurant inspection and a pollution prevention or soils inspection event to gain environmental health field experience.

## 2007 Environmental Activities

<b>Environmental Activities—2007</b>	
<b>2007</b>	<b>Activity</b>
2,577	Food service inspections
2,633	Number of food service inspection critical violations
95	Percentage of food service inspection critical violations corrected
72	Number of Foodborne Illness (FBI) reports
100	Percentage of FBI reports investigated within 24 hours
282 / 1,824	Pools inspected/water samples taken
100	Percentage of pools meeting safety equipment standards
258	Actions taken on pools not meeting water quality
5 / 234	Public beaches inspected/water samples taken
4	Beach closures
143	Family Independence Agency (FIA) inspections
92	Percentage of FIA reports investigated within 30 days
0	Imminent health hazards
0	Percentage of imminent health hazards corrected immediately
N/A*	Number of Mobile Home Parks (MHP) inspected
N/A*	Number of MHP complaints
N/A*	Percentage of MHP complaints investigated within 48 hours
131	Number of housing complaints
98	Percentage of housing complaints investigated within 48 hours

\* The Michigan Department of Labor and Economic Growth (DLEG) began performing these functions in 2006.

## 2007 Development activities

<b>Development Activities—2007</b>	
<b>2007</b>	<b>Activity</b>
6,500	Water samples processed
873	Sewage systems inspected
718	Well and septic inspection reports reviewed at the time of property transfer
530	Well permits issued
658	Facility inspections performed where hazardous materials are used
289	Soil examinations conducted to determine site suitability for on-site septic systems
261	Abandoned well records reviewed
81	Homes with proposed home expansions reviewed to determine if their sewage and water supply could accommodate the home expansion
49	Wells found to have unsafe levels of arsenic
159	Homes were found to have unsafe levels of bacteria in their water

# Revenue and Expenses

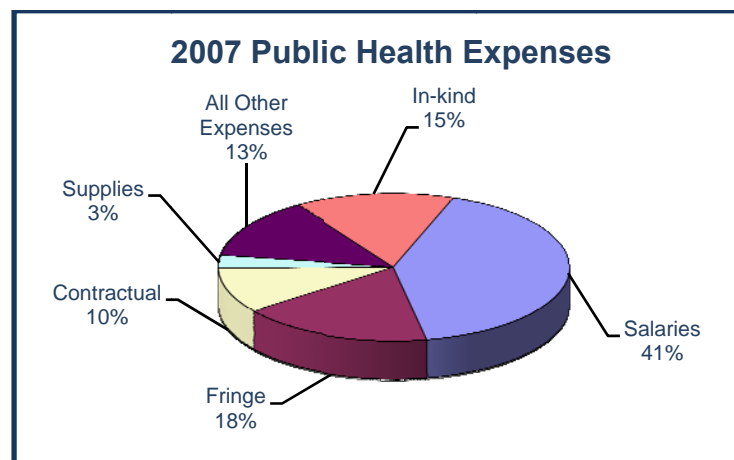
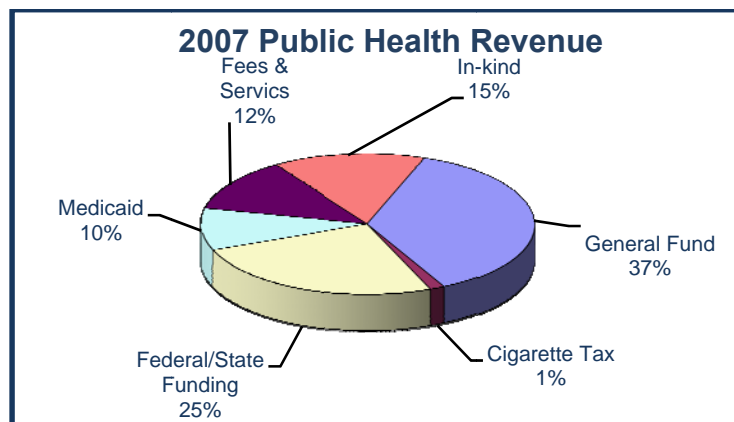
## Providing Timely, Relevant, and Accurate Financial Information to Management

The Washtenaw County Public Health Department's Financial Management team is responsible for accounting, budget, accounts payable, accounts receivable, and purchasing. The department also provides a variety of financial, reporting, and decision support services to management staff. The annual budget for the Public Health Department is nearly \$12 million and funded through multiple revenue streams that include Federal, State, and County/Local dollars and grants.



**Kelly Belknap, B.S.**  
**Finance Manager**

The Public Health Department had a staff of 70 permanent employees with an additional 38 in the Department of Environmental Health. The combined 2007 budget for both departments totaled \$13,064,468.



# Washtenaw County Public Health Annual Surveillance 2007

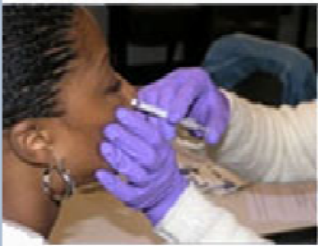
Health Category	Indicator	Measures	Rate
Population	Total Population	Total population	341,847 (0.90% change)
Births	Total births	Total births	4,233 births
	Healthy births	Infant mortality rate	5.9 infant deaths/1,000 live births
		Low birth weight rate	75.4 low birthweight infants/1,000 live births
		Teen pregnancy rate (15-19 y.o.)	30.5 pregnancies/ 1,000 teen females
	Birth defects	Total birth defect rate	77 Total Birth Defects/1,000 live births
		Central nervous system birth defect rate	3.3 CNS defects/1,000 live births
		Cardiac birth defect rate	18.3 Cardiac defects/1,000 live births
		Chromosomal birth defect rate	2.7 Chromosomal defects/1,000 live births
Health insurance	% births of Medicaid insured	22.2%	
Deaths	Total deaths	Total deaths and death rate	1,840 deaths (5.4/1,000 rate)
	#1 cause of premature death (under 75 yr)	Cancer death rate	86.0/100,000
	#2 cause of premature death	Heart Disease death rate	42.2/100,000
	#3 cause of premature death	Unintentional Injury death rate	16.7/100,000
	#4 cause of premature death	Suicide death rate	8.4/100,000
	#5 cause of premature death	Stroke death rate	7.1/100,000
Communicable Disease	Immunization	Completion rates in children (19-35 mo)	73% immunized
		Flu vaccine rate (6-59 mo)	65% vaccine rate
		HPV (16 y.o.)	0% vaccine rate
	TB	Incidence rate	2.2/100,000
		HIV incidence	7.9/100,000
	Sexual health	Chlamydia incidence	320.3/100,000
		Gonorrhea incidence	94.5/100,000
Chronic Disease	Breast cancer	Breast cancer incidence	133.5/100,000
		Breast cancer mortality	23.9/100,000
	Lung Cancer	Lung cancer incidence	62.1/100,000
		Lung cancer mortality	47.8/100,000
	Colorectal Cancer	Colorectal cancer incidence	51.5/100,000
		Colorectal cancer mortality	17.9/100,000
	Prostate Cancer	Prostate cancer incidence	209.3/100,000
		Prostate cancer mortality	Not calculable (too few cases)
Diabetes	Adult hospitalization rate (18+ years old)	17.6/10,000	

	Asthma	Youth Hospitalization rate	27.4 youth hospitalizations/ 10,000
		Adult Hospitalization rate	10.4 adult hospitalizations/ 10,000
Substance abuse and Mental Health	Illegal substance use	Substance abuse related arrests in last year	6.1/1,000
	Alcohol abuse and dependence	DUI arrest rate	3.3/1,000
	Depression	Youth suicide rate	Not calculable
		Adult suicide rate	11.7/100,000
		Over 75 suicide rate	Not calculable
Environment	Lead testing	Elevated blood lead levels in 0-5 y.o.	68.0/100,000
	Adequate nutrition	Number of restaurants per capita	132.22 restaurants/100,000 people
		Number of grocery stores per capita	20.18 grocery stores/100,000 people
Accidents	Falls	Hospitalization due to falls (65+ years old)	162/10,000
Crime	IPV/domestic violence	Victim rate	5.3/1,000
	Child abuse and neglect	Substantiated case rate	428.1/100,000



WASHTENAW COUNTY PUBLIC HEALTH

...focused on prevention



## Public Health Department

555 Towner Street  
P.O. Box 0915  
Ypsilanti, MI 48197

Phone: 734-544-6700  
Fax: 734-544-6705

### Clinics

Adult Health Clinic (HIV/STD): 734-544-6840

WIC: 734-544-6800

Immunizations: 734-544-6770

TB: 734-544-6770

Flu: 734-544-6770

## Environmental Health

705 N. Zeeb Road  
P.O. Box 8645  
Ann Arbor, MI 48107

Phone: 734-222-3800  
Fax: 734-222-3930



**Public Health**  
Prevent. Promote. Protect.