

Genesee County Health Department

2009 Annual Report



Better Life Through Better Health

Working with the Community

Genesee County Board of Commissioners

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Genesee County Health Department Administration

Mark Valacak, MPH, Health Officer
Gary K. Johnson, MD, MPH, Medical Director
Frank Ricica, MPA
Director of Clinical Services



Public Health
Prevent. Promote. Protect.

To the Citizens of Genesee County:

We are pleased to present the Genesee County Health Department's Annual Report for 2009. These pages provide an overview of the health status of Genesee County residents and an update on progress toward our 2008 - 2012 Strategic Plan. The report also highlights notable steps taken to protect and promote the public's health in 2009, and financial resources utilized.

This year was another year of transition as Mark Valacak, Director of the Community Health Division was chosen by the Board of Commissioners to serve as Health Officer. The Genesee County and State of Michigan budgets continue to suffer shortfalls, and these shortfalls directly impact the Health Department's funding and ability to serve the public. Through it all, the Health Department and staff have remained committed to our responsibilities of protecting health, identifying and preventing the spread of disease, promoting innovative solutions to community health problems, and preparing to respond to public health emergencies.

This year has also been a time of learning as we collaborated with community partners to successfully respond to the first and second waves of pandemic H1N1 influenza. As you reflect on the past year, let us know what we do well, where we can improve, and in what ways you would like to join us as we work together to protect and promote the public's health and quality of life in Genesee County. For more information regarding our programs and our Strategic Plan please visit www.gchd.us.

Wishing you "Better Life Through Better Health",

Mark Valacak, Health Officer
Jamie Curtis, Chairperson, Board of Commissioners
John Northrup, Chairperson, Board of Health

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2008-2012 Strategic Plan

Our Goal:

To improve the health status of Genesee County residents, with particular attention to eliminating racial, social, and economic inequities and using prevention and intervention strategies that target underlying causes.

Our Organizational Strategies:

- 1) Foster a Learning Organization
- 2) Evaluate Programs
- 3) Implement Evidence-Based Practices
- 4) Improve Quality Continuously
- 5) Enhance Communication
- 6) Partner with Community Residents
- 7) Convene Public Health System Agencies
- 8) Coordinate Across Disciplines
- 9) Work for Health Equity
- 10) Secure Adequate Resources

Our Public Health System Strategies:

- 1) Create Environments for Healthy Living
- 2) Adopt and Assure Compliance with Public Health Regulations
- 3) Assure Essential Public Health Services
- 4) Assure Access to Comprehensive Health Care for All
- 5) Enhance Public Health Emergency Prevention and Response
- 6) Reduce Accumulation of Negative Social Conditions that Harm Population Health

Critical Health Indicators

The long term outcomes that we are focusing on:

1. Preventing Infant Deaths

	Overall			African American			White		
	Genesee Co.		Michigan	Genesee Co.		Michigan	Genesee Co.		Michigan
	2006	2008	2008	2006	2008	2008	2006	2008	2008
Infant Deaths ¹	10.0	8.1	7.4	17.6	15.3	14.6	6.9	5.1	5.4

2. Preventing Chronic Disease

	Overall			African American			White		
	Genesee Co.		Michigan	Genesee Co.		Michigan	Genesee Co.		Michigan
	2006	2008	2008	2006	2008	2008	2006	2008	2008
Heart Disease ²	243.3	243.9	220.5	304.0	289.1	312.5	231.5	235.6	208.9
Cancer ²	212.8	211.2	185.4	236.0	230.9	225.6	207.4	207.0	180.3
Stroke ²	62.7	56.2	42.3	91.7	62.6	55.2	57.3	55.9	40.4
Diabetes ²	37.6	36.4	25.3	53.5	55.3	40.2	33.9	29.9	23.3

3. Preventing Communicable Disease, especially sexually transmitted disease

	Overall			African American ⁵			White ⁵		
	Genesee Co.		Michigan	Genesee Co.		Michigan	Genesee Co.		Michigan
	2006	2008	2008	2006	2008	2008	2006	2008	2008
Gonorrhea ³	396.9	298.3	179.0	760.9	813.2	578.2	53.6	36.8	19.3
Chlamydia ³	718.4	675.6	465.4	1118.8	1574.5	1109.0	133.7	130.5	99.8
Syphilis ^{6,3}	(3) ⁴	19.1	2.2	(3) ⁴	81.8	11.2	(0) ⁴	3.0	0.6
Tuberculosis ³	(4) ⁴	1.2	1.9	(1) ⁴	(2) ⁴	4.1	(2) ⁴	(1) ⁴	0.7

¹Rate per 1,000 live births - Genesee County Health Department and Michigan Department of Community Health. ²Age adjusted death rates are based on age specific death rates per 100,000 population in specified group - Genesee County Health Department and Michigan Department of Community Health.

³Rate per 100,000 population. ⁴ () = Number of cases. The number of cases is too small (≤ 5) to calculate a statistically reliable rate - Genesee County Health Department and Michigan Department of Community Health. ⁵STD rates by race/ethnicity in Genesee County should be interpreted with caution because the majority of case reports are missing race/ethnicity information. Reporting is more complete from public versus private health care providers, making trends more representative of the segment of the population served by the public sector. This issue extends nationally, as similar rates of racial/ethnic disparities in STDs have been reported across the nation, as well as similar trends in missing race/ethnicity information. ⁶Primary and secondary stages only.

Assuring the Public's Health in 2009...

During 2009, Genesee County Health Department staff worked to improve and protect the public's health. Notable activities and achievements include:

- ♦ Served 719 pregnant women, infants and children through the Healthy Start Program.
- ♦ Enrolled/re-enrolled 4,033 Genesee County residents into the Genesee Health Plan, more than double the services of the previous year.
- ♦ Moved stored data from the Fetal Infant Mortality Review (FIMR) Program into the National FIMR database, making the local format consistent with all Michigan FIMR sites. The FIMR data was also updated and cleaned allowing for more detailed and accurate analysis.
- ♦ Convened a large physician meeting to update and educate physicians about the syphilis outbreak and the resulting congenital cases. The meeting was coordinated by the Programs to Reduce Infant Deaths Effectively (PRIDE).
- ♦ Established the Genesee County Breastfeeding Coalition to address the historically low breastfeeding rates in Genesee County.
- ♦ Represented the REACH U.S. project at the Annual American Public Health Association Conference with two poster sessions and one workshop session.
- ♦ Transformed the Women, Infants and Children Supplemental Nutrition Program (WIC) with the implementation of the web-based MI-WIC system to automate the process and workflow management.
- ♦ Convened the SPROUT (Steering Prevention—Reducing Obesity—Utilizing Teamwork) Coalition of community partners engaged in “growing” healthy children and families in Genesee County through reduction and prevention of childhood obesity.
- ♦ Conducted “Creating Community Change: Organizing for Community-Led, Fundamental Health Improvement,” a ground-breaking grant-funded project to improve the overall health of the Clio area and on a smaller scale the “Building Healthy Communities” grant to improve health in the Mt. Morris area.
- ♦ Worked with the Prevention Research Center of Michigan to focus its research for the next five years on innovative ways to decrease risky sexual behaviors in Genesee County, with the goal of reducing sexually transmitted disease rates with special attention given to the racial disparity in those rates.
- ♦ Responded to the first wave of pandemic H1N1 flu in Genesee County in the spring of 2009, and successfully planning for and responding to the second wave of the pandemic in the fall of 2009.
- ♦ Obtained signed memoranda of understanding with the six school districts that house the seven Point of Dispensing sites in Genesee County that would be used in a public health emergency to distribute medicines, vaccines, and medical care.
- ♦ Led a successful, community-wide investigation and response to a major syphilis outbreak in Genesee County in partnership with MDCH.
- ♦ Launched a Health Department “intranet home page” to improve communication within the department.
- ♦ Obtained accredited status for the Genesee County Health Department with the State of Michigan.
- ♦ Planned and hosted the 4th annual Public Health Week Conference.
- ♦ Inspected all licensed body art establishments which increased from 23 to 34 in number.
- ♦ Participated on the state advisory board to develop the State of Michigan Body Art Regulation that went into effect on September 1, 2009.
- ♦ Developed a new educational brochure in cooperation with Genesee County Water and Waste to help educate the public on on-site sewage systems. The brochure contains an area for record keeping for owners to keep all their records on their system in one location.
- ♦ Worked with MIS and GIS services to incorporate Pictometry into our well program. Pictometry will assist in sighting septic systems and discovering possible contamination or other issues with building sites.
- ♦ Hosted a septic contractors meeting to educate the installers on new techniques and issues in the field. Over 50 installers were in attendance.
- ♦ Implemented an expiration date of 2 years on the well permits for the purpose of tracking new well locations.
- ♦ Received accreditation of the Private and Type III water supply program. The MDEQ staff recognized staff use of technology to discover possible sources of contamination. GCHD uses multiple data based systems to search for possible contamination prior to permit issuance.
- ♦ Implemented an electronic database for the collection of foodborne illness complaints through completion of a continuous quality improvement (CQI) project.
- ♦ Provided Certified Food Service Manager training to 150 managers.
- ♦ Conducted 292 tobacco compliance checks under the Genesee County Regulation to Require License for Tobacco Sales and to Prohibit the Sale of Tobacco to Minors.
- ♦ Set up our computerized medical charting system, Medatrac, to document rapid HIV testing and reporting.

Our Vision...

Better Life Through Better Health

Our Mission...

The mission of the Genesee County Health Department is...To improve the quality of life in Genesee County by preventing disease, promoting health and protecting the public from environmental hazards to health

Assessing the Public's Health in Genesee County

The public's health is measured by more than the absence or presence of disease. The following indicators⁴ enrich our understanding of trends in "health" in Genesee County.

	2001	2002	2003	2004	2005	2006	2007	2008
Children								
Infant mortality (overall rate) ²	9.3	13.1	11.3	12.4	8.9	10.0	9.4	8.1
Child abuse (# of referrals investigated) ³	5443	5095	5085	5741	5098	5829	5986	5763
Child poverty ⁴ (% of children under age 18)	22.4	22.8	21.5	24.5	23.6	25.8	24.6	27.7
Health insurance coverage ⁵ (% of households with uninsured children, age 0-17 years)	*	*	6.2%	*	5.6%	*	8.5%	*
Youth								
Suicide deaths (# under age 25) ⁶	6	6	4	7	8	4	6	4
High school dropout rate ⁷	3.44	3.25	3.66	2.64	3.87	4.92	3.43	3.58
Substance abuse (treatment admissions) ⁸	167	535	227	311	297	271	232	315
Teenage births ⁹	51.9	48.8	46.4	47.6	44.0	47.8	47.2	48.1
Adults								
Unemployment rate ¹⁰	6.0	7.4	8.3	8.2	7.8	8.1	8.3	10.2
Average weekly wages ¹¹	\$674	\$688	\$693	\$724	\$725	\$757	\$721	\$737
Health insurance coverage ¹²	*	*	87%	*	95%	*	95%	*
Smoking, aged 18+ ⁵	*	*	26.8%	*	25.2%	*	26%	*
Older Adults								
Poverty, aged 65+ ¹³	9.4	9.7	8.0	9.5	7.8	8.0	7.7	8.2
All Ages								
Homicide rate ¹⁴	9.8	9.0	7.4	11.3	12.3	15.8	8.9	9.8
Alcohol-related highway deaths ¹⁵	20	20	26	18	23	27	20	22
Affordable housing (average rent) ¹⁶	\$547	\$568	\$584	\$607	\$612	\$626	\$649	\$628
Food stamp cases ¹⁷	20,000	22,006	24,636	28,064	31,695	34,497	36,682	*

Footnotes/Sources: * = Data not available. ⁴Adapted from the Fordham Institute for Innovation in Social Policy's Annual Index of Social Health. ²Number of infant deaths per 1,000 live births, Michigan Department of Community Health (MDCH). ³Michigan Department of Human Services. ⁴U.S. Census Bureau, 2001 Supplemental Survey Summary, 2002-2007 U.S. Census American Community Survey. ⁵Prevention Research Center of Michigan. ⁶MDCH. ⁷Genesee Intermediate School District. ⁸Number of treatment admissions under age 18, Genesee County Community Mental Health (reporting methodology changed after 1999). ⁹Live birth rates per 1,000 females, ages 15-19 years of age, MDCH. ¹⁰Michigan Department of Labor and Economic Growth (MDLEG). ¹¹3rd quarter average weekly wages for all industry divisions, MDLEG. ¹²2003/2005/2007 Data - Adults 18 and over, Prevention Research Center of Michigan. ¹³U.S. Census Bureau, Census 2001 Supplementary Survey. ¹⁴Age-adjusted rate (U.S. 2000 standard) of homicide deaths per 100,000 population, MDCH. ¹⁵Michigan State Police Criminal Justice Information Center. ¹⁶Fair market rent for all 2-bedroom living units, HUD. ¹⁷Average number of household food stamp cases, Michigan Department of Human Services.



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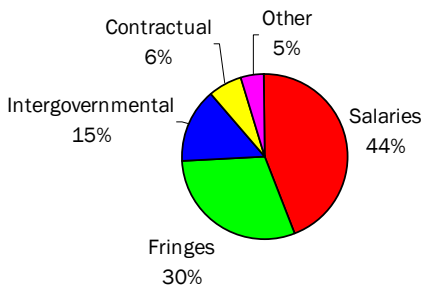
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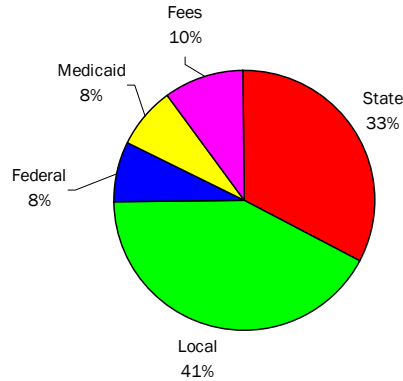
Air Quality Program - Breast & Cervical Cancer Control Program (BCCCP) - Childhood Lead Poisoning Prevention Program - Children's Special Health Care Services (CSHCS) - Communicable Disease/Tuberculosis Control - Daycare Centers & Foster Homes Inspections - Epidemiology - Family Planning - Fetal Infant Mortality Review (FIMR) - Food Service Sanitation - Genesee County Healthy Start Initiative - Health Care Outreach & Enrollment - Hearing & Vision Screening - HIV/AIDS Prevention and Treatment - HIV Counseling/Testing - Immunizations - Laboratory - Michigan Care Improvement Registry (MCIR) - On-Site Sewage Disposal Monitoring - Programs to Reduce Infant Deaths Effectively (PRIDE) - Racial and Ethnic Approaches to Community Health (REACH) - Recreation Sanitation - Residential and Type III Water Well Inspections - School Health Services - Sexually Transmitted Disease Program - Waste Management Evaluations - Tobacco Reduction/Enforcement - Water Supply (Public Wells and Surface Water) Monitoring - Women, Infants and Children (WIC) Supplemental Nutrition Program

2009 Budget

Expenses



Salaries	\$7,901,799
Fringes	5,456,953
Intergovernmental	2,699,182
Contractual	1,168,757
Other	821,428
Total	\$18,048,119



Revenue

State	\$5,902,718
Local	7,569,929
Federal	1,364,331
Medicaid	1,412,149
<u>Fees</u>	<u>1,798,992</u>
Total	\$18,048,119

Expenses by Function

