

GENESEE COUNTY HEALTH DEPARTMENT



2003 - 2007
STRATEGIC PLAN WRAP-UP

2007 ANNUAL REPORT

Working with the Community

Genesee County Board of Commissioners

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Ted Henry, Vice-Chairperson
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Genesee County Board of Health

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Michael Boucree, MD, Vice-Chairperson
Jamie Curtis
Kay Doerr
John Northrup

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Gary K. Johnson, MD, MPH, Medical Director
Mark Valacak, MPH, Director
Community Health Division
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Environmental Health Division
John McKellar, MPA, Director
Personal Health Division
Frank Ricica, MPA, Director
Public Health Information Systems
Ward Lindsay, RS, MA, Supervisor
Development, Planning, and Grants
Carolyn Ratza, BBA, Supervisor
Accounting

To the Citizens of Genesee County:

We are pleased to offer you the Genesee County Health Department's Annual Report for 2007. These pages contain an overview of the health status of Genesee County residents. They provide a summary of our budget and they represent a final summary report on our 2003-2007 strategic plan goals, which you helped us set. Also highlighted are notable steps we have taken to protect and promote the public's health in 2007.

During the past five years we have worked diligently to improve the health of Genesee County residents, with particular attention to infant death, chronic disease, and communicable disease. During this time, we have been successful in measurable ways, including, among other things, reducing Genesee County's infant mortality rate and improving residents' ability to access health care through the Genesee Health Plan. Our chronic disease mortality rates have improved as well. In other areas we have seen no change or experienced setbacks. These setbacks, along with our successes, inform our new strategic plan and provide us with useful experience.

In partnership with others, your Health Department has developed a new set of priorities and strategies for fiscal years 2008-2012. We will work with others to improve the health of Genesee County by identifying and preventing the spread of disease, promoting innovative solutions to community health problems, and preparing to respond to public health emergencies. Your comments and ideas about how we can best do this are welcome. A copy of our new strategic plan may be accessed on our website, www.gchd.us. Let us know what we do well, where we can improve, and in what ways you would like to join us as together we work to protect and promote the public's health and quality of life in Genesee County.

Wishing you "Better Life Through Better Health",

Robert M. Pestronk, Health Officer
Woodrow Stanley, Chairperson, Board of Commissioners and
Chairperson, Board of Health

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Closing out the 2003 - 2007 Strategic Plan - How did we do?

The areas in the community that we wanted to impact included:

1. **Infant mortality reduction**, especially the reduction of racial disparity, from the 2000 baseline rates.

	Overall			African American			White		
	Genesee Co.		Michigan	Genesee Co.		Michigan	Genesee Co.		Michigan
	2000	2006	2006	2000	2006	2006	2000	2006	2006
Infant Deaths ¹	12.3	10.0	7.4	21.7	17.6	14.8	8.4	6.9	5.4

2. **Chronic disease mortality reduction**, especially the reduction of racial disparity, from the 2000 baseline rates.

	Overall			African American			White		
	Genesee Co.		Michigan	Genesee Co.		Michigan	Genesee Co.		Michigan
	2000	2006	2006	2000	2006	2006	2000	2006	2006
Heart Disease ²	314.2	243.3	226.7	376.1	304.0	320.0	306.4	231.5	214.4
Cancer ²	226.9	212.8	190.8	311.9	236.0	237.6	211.9	207.4	184.7
Stroke ²	77.1	62.7	44.7	101.3	91.7	59.0	73.4	57.3	42.6
Diabetes ²	41.1	37.6	26.7	62.7	53.5	40.8	37.5	33.9	24.6

3. **Communicable disease reduction**, especially the reduction of racial disparity, from the 2000 baseline rates.

	Overall			African American ⁵			White ⁵		
	Genesee Co.		Michigan	Genesee Co.		Michigan	Genesee Co.		Michigan
	2000	2006	2006	2000	2006	2006	2000	2006	2006
Gonorrhea ³	324.9	401.9	168.7	597.7	718.1	472.0	18.9	53.9	22.5
Chlamydia ³	362.0	726.8	387.8	414.2	1053.5	768.8	40.8	132.8	99.7
Tuberculosis ³	2.5	(4) ⁴	2.2	6.8	(1) ⁴	5.9	(4) ⁴	(2) ⁴	0.7

Other areas of interest:

	Genesee Co. 2003	Genesee Co. 2006/2007	Healthy People 2010 Goal	Trend
Alcohol and drug abuse prevention and treatment				
■ Percent of all adults who had 5 or more alcoholic drinks on an occasion in the past 30 days	14.4%	33.6%	13.4%	Worse
■ Alcohol-related motor vehicle crash deaths (per 100,000 population)	5.9%	4.6%	4.8%	Better
Tobacco use prevention				
■ Percent of adults who smoke cigarettes	26.8%	25.6%	12.0%	No Change
Obesity reduction				
■ Percent of adults who are obese (BMI ≥ 30)	25.3%	32.5%	15.0%	Worse
Physical activity promotion				
■ Percent of adults who engage in moderate to vigorous exercise for at least 10 minutes at least 3 times per week	58.0%	71.9%	N/A	Better
Promotion of healthy nutrition				
■ Percent of adults who consume 2 or more servings of fruit a day	32.4%	34.1%	N/A	No Change
■ Percent of adults who consume 1 or more servings of green salad a day	24.8%	24.5%	N/A	No Change

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.

Other areas of interest, continued...

	Genesee Co. 2003	Genesee Co. 2006/2007	Healthy People 2010 Goal	Trend
Improved access to health care				
▪ Percent of adults (18-64 years) who have health care coverage of some kind	85.4%	94.0%	100.0%	Better
Reduction of exposure to harmful environmental agents				
▪ Percent of restaurants that are smoke-free	12.9%	20.2%	N/A	Better
▪ Hospitalizations with principal diagnosis of asthma among children under 5 years of age (per 10,000 population under age 5)	66.0%	44.9%	25.0%	Better
Violence and abuse prevention				
▪ Homicides (age-adjusted per 100,000 population)	7.4%	15.8%	2.8%	Worse
▪ Percent of adults who report they are very or somewhat fearful about crime in their neighborhood	27.1%	29.8%	N/A	No Change
Fostering of communication and community mobilization				
▪ Percent of Local Public Health System (LPHS) survey respondents who believe the LPHS in Genesee County substantially or fully:				
◆ informs, educates, and empowers people about health issues	55.7%	61.9%	N/A	No Change
◆ mobilizes community partnerships to identify and solve health problems	51.7%	52.4%	N/A	No Change
Enhanced Surveillance				
▪ Percent of Local Public Health System (LPHS) survey respondents who believe the LPHS in Genesee County substantially or fully:				
◆ monitors health status to identify community health problems	56.6%	58.1%	N/A	No Change
◆ diagnoses and investigates health problems and health hazards in the community	55.6%	53.3%	N/A	No Change

Better Life Through Better Health In 2007...

- Health Department staff successfully investigated several food borne illness outbreaks, which helped prevent future occurrences of food borne illness in the community.
- The 2008-2012 GCHD Strategic Plan was completed and received unanimous approval from the Genesee County Board of Commissioners.
- GCHD WIC staff collaborated with 10 community partners in the summer "Project FRESH" to deliver an array of one-stop services, information and coupons for fresh produce at the Flint Farmers' Market, reaching 894 families who participate in the WIC program.
- GCHD was recognized by the Centers for Disease Control and Prevention (CDC) as one of eighteen REACH US "Centers of Excellence in the Elimination of Health Disparities" in the country and awarded grant funding for the next five years to continue successful community partnership activities aimed at reducing infant mortality.
- The GCHD Healthy Start program was one of only 15 HRSA-funded programs throughout the country, and the only Healthy Start program, selected to be showcased at the agency's "Celebrating Quality" event.
- Through continued coordination of the Genesee County Childhood Lead Poisoning Prevention Coalition, Genesee County experienced a 26.3% decrease over the previous year in the number of children less than six years of age with confirmed elevated blood lead levels.
- GCHD staff implemented improvements in the Department's school and day care disease reporting system and decreased by more than 80% the amount of staff time needed to obtain useable data.
- The Health Department's Food Sanitation Program became the first local agency in Michigan to enroll in the Food and Drug Administration's Voluntary Standards. The Health Department received national recognition for this accomplishment with the FDA.
- GCHD staff were involved in several nationally recognized quality improvement initiatives.

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 indicators¹ enrich our understanding of trends in "health" in Genesee County.

	1999	2000	2001	2002	2003	2004	2005	2006
Children								
Infant mortality (over-all rate) ²	12.4	12.3	9.3	13.1	11.3	12.4	8.9	10.0
Child abuse (# of referrals investigated) ³	7277	5686	5443	5095	5085	5741	5098	5829
Child poverty ⁴ (% of children under age 18)	*	22.7	*	26.6	*	*	*	*
Health insurance coverage ⁵ (% of households with uninsured children, age 0-17 years)	*	*	*	*	6.2%	*	5.6%	*
Youth								
Suicide (# under age 25) ⁶	7	4	6	6	4	7	8	4
High school dropout rate ⁷	3.89	3.99	3.44	3.25	3.66	2.64	3.87	*
Substance abuse (treatment admissions) ⁸	542	209	167	535	227	311	297	271
Teenage births ⁹	61.5	56.3	51.9	48.8	46.4	47.6	44.0	47.8
Adults								
Unemployment rate ¹⁰	5.0	4.5	6.0	7.4	8.3	8.2	7.7	8.2
Average weekly wages ¹¹	\$687	\$672	\$674	\$688	\$693	\$724	\$725	\$757
Health insurance coverage ¹²	*	88%	*	*	87%	*	95%	*
Smoking, aged 18+ ¹³	*	*	*	*	26.8%	*	25.2%	*
Older Adults								
Poverty, aged 65+ ¹⁴	*	3.8%	*	*	*	*	*	*
All Ages								
Homicide rate ¹⁵	11.7	10.4	9.8	9.0	7.4	11.3	12.3	15.8
Alcohol-related highway deaths ¹⁶	27	34	20	20	26	18	23	27
Affordable housing (average rent) ¹⁷	\$521	\$534	\$547	\$568	\$584	\$607	\$612	\$659
Food stamp cases ¹⁸	16,465	17,017	20,000	22,006	24,636	28,064	31,695	34,497
Asthma (# of hospital discharges) ¹⁹	793	770	778	700	757	770	772	772

Footnotes/Sources: * = Data not available. ¹Adapted from the Fordham Institute for Innovation in Social Policy's Annual Index of Social Health.

²Number of infant deaths per 1,000 live births, Genesee County Health Department (GCHD) & Michigan Department of Community Health (MDCH).

³Michigan Department of Human Services. ⁴U.S. Census Bureau, Census 2000 Supplementary Survey. ⁵Prevention Research Center of Michigan. ⁶Number of suicide deaths, MDCH. ⁷Genesee Intermediate School District. ⁸Number of treatment admissions under age 18, Genesee County Community Mental Health (reporting methodology changed after 1999). ⁹Live birth rates by age of mother 15-19, MDCH. ¹⁰Michigan Department of Labor and Economic Growth (MDLEG). ¹¹3rd quarter average weekly wages for all industry divisions, MDLEG. ¹²Estimated percentage of population with private or public medical insurance, Greater Flint Health Coalition; 2003/2005 Data - Adults 18 and over, Prevention Research Center of Michigan. ¹³Prevention Research Center of Michigan. ¹⁴U.S. Census Bureau, Census 2000 Supplementary Survey. ¹⁵Age-adjusted rate (U.S. 2000 standard) of homicide deaths per 100,000 population, MDCH. ¹⁶Michigan Office of Highway Safety Planning. ¹⁷Fair market rent for all 2-bedroom living units, HUD. ¹⁸Average number of household food stamp cases, Michigan Department of Human Services. ¹⁹MDCH.



Genesee County Health Department

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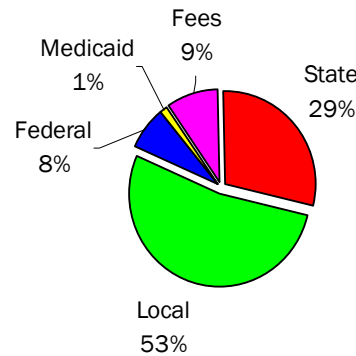
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Annual Report 2007

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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 - Food Service Sanitation - Friendly Access Project - Genesee County Healthy Start Initiative - General Complaints (Nuisances, Rats, & Unsanitary Conditions) - Health Care Outreach & Enrollment - Hearing & Vision Screening - HIV/AIDS Prevention and Treatment - HIV Counseling/Testing - HUD Grant Lead Abatement Program - Immunizations - Infant Mortality Review - 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 - Substance Abuse Prevention and Treatment - Tobacco Reduction/Enforcement - Water Supply (Public Wells and Surface Water) Monitoring - Women, Infants and Children (WIC) Program

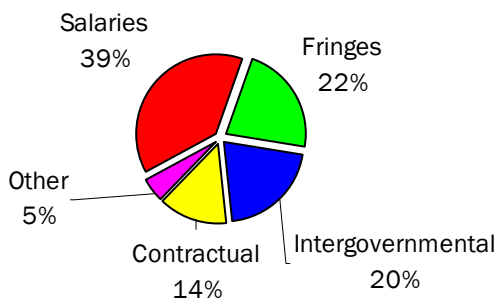
2007 Budget



Revenue

State	\$ 5,992,084
Local	10,895,082
Federal	1,598,268
Medicaid	309,030
Fees	<u>1,957,654</u>
Total	\$20,752,118

Expenses



Salaries	\$ 8,130,484
Fringes	4,522,784
Intergovernmental	4,154,195
Contractual	2,838,047
<u>Other</u>	<u>1,106,607</u>
Total	\$20,752,118

Expenses by Function

