

# GENESEE COUNTY HEALTH DEPARTMENT

2007 ANNUAL REPORT



2003 - 2007  
STRATEGIC PLAN WRAP-UP

# Working with the Community

## Genesee County Board of Commissioners

Woodrow Stanley, Chairperson  
Ted Henry, Vice-Chairperson  
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Jamie Curtis  
Miles Gadola  
Patricia Lockwood  
John Northrup  
Raynetta P. Speed

## Genesee County Board of Health

Woodrow Stanley, Chairperson  
Michael Boucree, MD, Vice-Chairperson  
Jamie Curtis  
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John Northrup

## Genesee County Health Department Administrative Team

Robert M. Pestronk, MPH, Health Officer  
Gary K. Johnson, MD, MPH, Medical Director  
Mark Valacak, MPH, Director  
Community Health Division  
Jim Helmstetter, MPA, RS, Director  
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](http://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

## Floyd J. McCree Courts and Human Services Center

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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 <sup>1</sup>	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 <sup>2</sup>	314.2	243.3	226.7	376.1	304.0	320.0	306.4	231.5	214.4
Cancer <sup>2</sup>	226.9	212.8	190.8	311.9	236.0	237.6	211.9	207.4	184.7
Stroke <sup>2</sup>	77.1	62.7	44.7	101.3	91.7	59.0	73.4	57.3	42.6
Diabetes <sup>2</sup>	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 <sup>5</sup>			White <sup>5</sup>		
	Genesee Co.		Michigan	Genesee Co.		Michigan	Genesee Co.		Michigan
	2000	2006	2006	2000	2006	2006	2000	2006	2006
Gonorrhea <sup>3</sup>	324.9	401.9	168.7	597.7	718.1	472.0	18.9	53.9	22.5
Chlamydia <sup>3</sup>	362.0	726.8	387.8	414.2	1053.5	768.8	40.8	132.8	99.7
Tuberculosis <sup>3</sup>	2.5	(4) <sup>4</sup>	2.2	6.8	(1) <sup>4</sup>	5.9	(4) <sup>4</sup>	(2) <sup>4</sup>	0.7

## Other areas of interest:

	Genesee Co. 2003	Genesee Co. 2006/2007	Healthy People 2010 Goal	Trend
<b>Alcohol and drug abuse prevention and treatment</b>				
▪ 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
<b>Tobacco use prevention</b>				
▪ Percent of adults who smoke cigarettes	26.8%	25.6%	12.0%	No Change
<b>Obesity reduction</b>				
▪ Percent of adults who are obese (BMI ≥ 30)	25.3%	32.5%	15.0%	Worse
<b>Physical activity promotion</b>				
▪ 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
<b>Promotion of healthy nutrition</b>				
▪ 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

<sup>1</sup>Rate per 1,000 live births - Genesee County Health Department and Michigan Department of Community Health. <sup>2</sup>Age 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.

<sup>3</sup>Rate per 100,000 population. <sup>4</sup> ( ) = 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. <sup>5</sup>STD 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
<b>Improved access to health care</b>				
▪ Percent of adults (18-64 years) who have health care coverage of some kind	85.4%	94.0%	100.0%	Better
<b>Reduction of exposure to harmful environmental agents</b>				
▪ 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
<b>Violence and abuse prevention</b>				
▪ 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
<b>Fostering of communication and community mobilization</b>				
▪ 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
<b>Enhanced Surveillance</b>				
▪ 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 indicators<sup>1</sup> enrich our understanding of trends in "health" in Genesee County.

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

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

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

<sup>3</sup>Michigan Department of Human Services. <sup>4</sup>U.S. Census Bureau, Census 2000 Supplementary Survey. <sup>5</sup>Prevention Research Center of Michigan <sup>6</sup>Number of suicide deaths, MDCH. <sup>7</sup>Genesee Intermediate School District. <sup>8</sup>Number of treatment admissions under age 18, Genesee County Community Mental Health (reporting methodology changed after 1999). <sup>9</sup>Live birth rates by age of mother 15-19, MDCH. <sup>10</sup>Michigan Department of Labor and Economic Growth (MDLEG). <sup>11</sup>3rd quarter average weekly wages for all industry divisions, MDLEG. <sup>12</sup>Estimated 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. <sup>13</sup>Prevention Research Center of Michigan <sup>14</sup>U.S. Census Bureau, Census 2000 Supplementary Survey. <sup>15</sup>Age-adjusted rate (U.S. 2000 standard) of homicide deaths per 100,000 population, MDCH. <sup>16</sup>Michigan Office of Highway Safety Planning. <sup>17</sup>Fair market rent for all 2-bedroom living units, HUD. <sup>18</sup>Average number of household food stamp cases, Michigan Department of Human Services. <sup>19</sup>MDCH.



## Genesee County Health Department

Floyd J. McCree Courts & Human Services Center  
 630 S. Saginaw Street  
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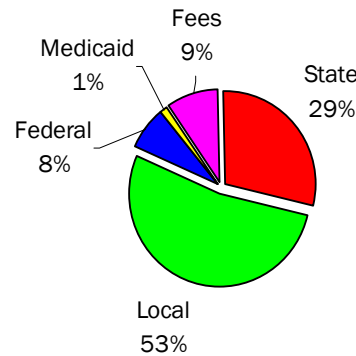
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## Annual Report 2007

Design/Editor: April Swartout

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

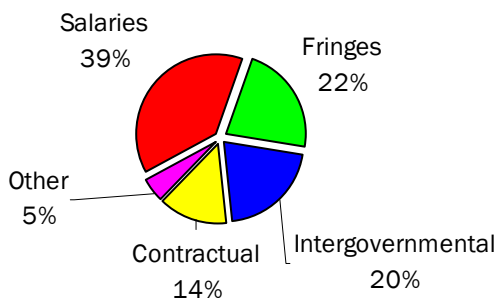
## 2007 Budget



### 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
Other	<u>1,106,607</u>
Total	\$20,752,118

## Expenses by Function

