Montgomery County

Demographics & Social Determinants of Health (2005-2009)

	Montgomery County	Maryland
Population		
Total	946,172	5,637,418
Female	488,936	2,907,051
Male	457,236	2,730,367
% Race/Ethnicity:		
White	60.2	60.9
African American	16.3	28.8
Asian	13.2	4.9
Native American	0.3	0.3
Pacific Islander	0.0	0.1
2+ Races	2.5	2.0
Other	7.4	3.0
Hispanic	15.1	6.6
% of Population Aged:		
0 - 4	7.2	6.7
5 - 9	6.7	6.4
10 - 14	6.6	6.8
15 - 17	4.2	4.3
18 - 24	8.3	9.4
25 - 44	27.6	28.1
45 - 64	27.4	26.6
65+	12.0	11.8
Households		
Total	344,099	2,092,538
% Families with Children	63.3	57.5

	Montgomery County	Maryland
Household Income		
% Earning $0-$24,999	9.1	15.3
% Earning $25,000-$39,999	8.6	11.9
% Earning $40,000-$59,999	13.7	16.1
% Earning $60,000-$74,999	9.0	10.4
% Earning $75,000+	59.6	46.2
Median Household Income	$92,213	$69,475
% Living in Poverty	5.3	8.0
Educational Attainment		
% with High School Education	91.1	87.5
% with Bachelor's Degree	26.9	19.6

Montgomery County, Maryland

Montgomery County

Major Health Indicators (2008)[a]

	Montgomery County	Maryland
Overall Health		
Life Expectancy at Birth	83.0	78.1
% With Activity Limitations	17.2	20.5
% With Fair or Poor Health	8.8	12.5
% Experiencing Unhealthy Days	23.2	22.2
All Cause Mortality **	555.5	780.8
Maternal/Child Health		
Infant Mortality Rate *	4.6	6.5
% Low Birth Weight (Singleton)	3.7	4.9
% Low Birth Weight (All)	5.5	6.7
% Very Low Birth Weight (Singleton)	0.7	1.0
% Very Low Birth Weight (All)	0.9	1.3
% Pre-Term Births	7.7	9.5
Teen Birth Rate *	14.9	25.9
% Mothers Smoking During Pregnancy	0.5	6.2
% Mothers with Late or No Prenatal Care	3.1	4.2
Communicable Disease		
Tuberculosis Incidence **	9.3	4.9
Chlamydia Rate **	207.4	437.9
Gonorrhea Rate **	27.5	118.3
Rate of HIV/AIDS Cases **	28.4	46.6
Number of HIV Deaths	15	431
Number of Septicemia Deaths	147	988

[a] 2008 Data was used whenever available. Please refer to metadata for additional information.

* Rate per 1,000 Births

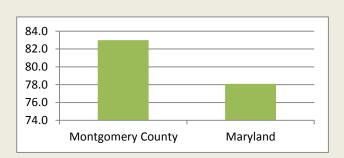** Rate per 100,000 Residents

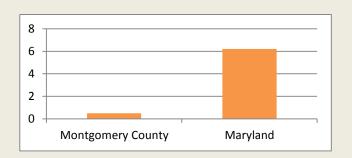**Fig. 1 Life Expectancy at Birth**

Fig. 2 Percent of Mothers Smoking During their Pregnancies

These are some of the most basic measures of health across the state. Many of these are also included in

Maryland's State Health Improvement Process (SHIP)

For more information about environmental public health tracking go to:

The Environmental Public Health Tracking Site

Montgomery County

Health Outcomes/Risk Factors (2008)[a]

	Montgomery County	Maryland
Mental Health		
Number of Suicide Deaths	74	493
% with Anxiety Disorders	12.7	12.6
Substance Abuse		
Number of Alcohol-Induced Deaths	35	407
% Binge Drinkers	11.0	13.8
Environmental Health		
% Children Tested for Presence of Blood Lead	23.2	22.4
% Children With Lead Poisoning	0.2	0.7
Health Insurance		
% Without Health Insurance (Adults)	13.9	NA
% Without Health Insurance (Children)	4.5	NA
Unmet Medical Need		
% in Last Year that Could Not Afford to See a Doctor	8.3	10.4
Oral Health		
% That did not see a Dentist in the Last Year	21.6	28.6

[a] 2008 Data was used whenever available. Please refer to metadata for additional information.

* Rate per 1,000 Births

** Rate per 100,000 Residents

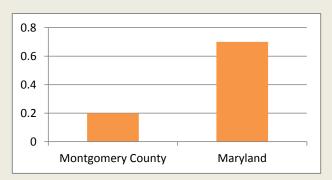**Fig. 3: Percent of children tested for elevated blood lead levels**

Fig. 4: Percent of tested children with elevated blood lead levels

These represent some important determinants of health, including mental health, substance abuse, and access to health services. Many of these are part of the State Health Improvement Process (SHIP)

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Risk Factors (2008)[a]

	Montgomery County	Maryland
Unhealthy Weight		
% Overweight (Adults)	34.4	36.7
% Obese (Adults)	16.7	26.7
% Overweight (School-Age)	16.9	17.7
% Obese (School-Age)	14.1	22.3
Smokers		
% Adults that Smoke	8.1	14.9
% Middle Schoolers that Smoke	3.1	5.2
% High Schoolers that Smoke	6.0	7.0
Injury and Violence		
Number of Homicide Deaths	35	528
Number of Aggravated Assaults	882	20,571
Rate of Motor Vehicle Injury Hospitalizations **	61.9	109.8
Number of Motor Vehicle Deaths	71	643
Injury-Related ER Visits **	5,609	9,135
Injury-Related Hospitalizations **	654	1,068
Injury-Related Deaths **	42.2	63.0
Physical Inactivity and Built Environment		
% Adults Not Meeting CDC Recommendation for Activity	61.3	64.4
% With No Physical Activity	18.1	24.0
Access to Recreational Facilities **	15	12
% With Access to Healthy Foods	74.0	62.0

[a] 2008 Data was used whenever available. Please refer to metadata for additional information.

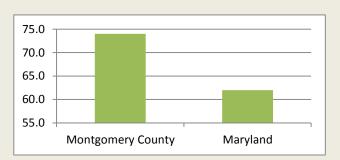** Rate per 100,000 Residents

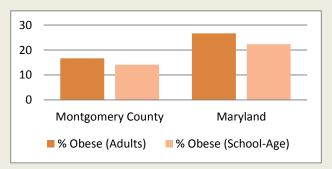**Fig. 5: Percent of population with access to healthy foods**

Fig. 6: Percent of children and adults that are obese

The indicators on this page might be thought of as related in some ways to the built environment. While other factors such as personal behaviors must also be considered, there are relationships between the built environment and some important health outcomes.

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Health Outcomes (2008)[a]

	Montgomery County	Maryland
Built Environment, cont.		
Percent Who Get to Work By:		
Single Occupancy Vehicle	66.1	73.2
Active Transport (Walking, Biking)	2.5	2.8
Public Transportation	15.0	8.7
Chronic Disease		
Number of Colorectal Cancer Deaths	121	964
Number of Breast Cancer Deaths	122	840
Number of Heart Disease Deaths	1,346	11,217
Number of Stroke Deaths	321	2,250
% with Diabetes	6.2	8.7
Diabetes Deaths **	13.9	22.4
% Children with Asthma	12.8	14.3
Number of Childhood Asthma Hospitalizations	167	1,318
% Adults with Asthma	12.9	14.3
Number of Adult Asthma Hospitalizations	336	3,746
Cancer Screening		
% Adult Women that have Received a Mammogram	67.2	64.2
% Testing for Colorectal Cancer in Past 2 Years	30.6	25.0

[a] 2008 Data was used whenever available. Please refer to metadata for additional information.

* Rate per 1,000 Births
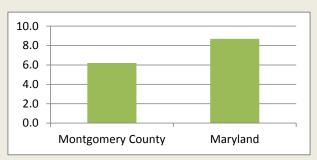
** Rate per 100,000 Residents
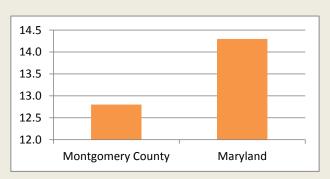

Fig.7: Percent with Diabetes

Fig. 8: Percent of children with asthma

Prevention and reduction of chronic diseases requires a combination of approaches, including improvements in screening, changes in personal behaviors, and changes in environmental conditions.
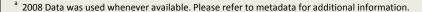
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Physical and Environmental Determinants (2008)[a]

	Montgomery County	Maryland
Immunizations		
Average % of Kindergarten Students Immunized	99.9	99.3
% Adults Receiving Flu Shots	47.0	38.5
% Adults Receiving Pneumonia Shots	25.5	24.7
Environmental Exposure		
Ozone Days	10	16
Particulate Matter Days	0	4
Water Quality- Arsenic †	NA	NA
Water Quality- Nitrates ‡	NA	NA
Water Quality- Trihalomethane †	NA	NA
Water Quality- Haloecetic Acids †	NA	NA

[a] 2008 Data was used whenever available. Please refer to metadata for additional information.

† Parts per Billion

‡ Parts per Million

Some connections between the environment and health are well known, such as that between asthma and air pollution. However, air pollution has also been shown to affect overall death rates. Data and information collected by public health agencies is being used by researchers to increase our understanding of these complicated relationships and design cost-effective prevention strategies.

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