

Secondary Data Report

A summary of secondary data sources related to health in Milwaukee County.



2012-2013

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Health System Members of the
Milwaukee Health Care Partnership



Aurora Health Care
Children's Hospital of Wisconsin
Columbia St. Mary's Health System
Froedtert Health
Wheaton Franciscan Healthcare

In Collaboration with:

City of Milwaukee and other
Municipal Health Departments
in Milwaukee County

Prepared by:

Center for Urban Population Health

The Milwaukee Health Care Partnership is a public/private consortium dedicated to improving health care coverage, access and care coordination for underserved populations in Milwaukee County with the goals of improving health outcomes, eliminating disparities and reducing the total cost of care. Its members include the following partnering health systems and hospitals:

Aurora Health Care

Aurora Sinai Medical Center
Aurora St. Luke's Medical
Aurora St. Luke's South Shore
Aurora West Allis Medical Center
Aurora Psychiatric Hospital

Children's Hospital and Health System

Children's Hospital of Wisconsin

Columbia St. Mary's

Columbia St. Mary's Hospital Milwaukee
Sacred Heart Rehabilitation Institute

Froedtert Health

Froedtert Hospital

Wheaton Franciscan Healthcare

Wheaton Franciscan Healthcare- St. Francis
Wheaton Franciscan- St. Joseph Campus
Wheaton Franciscan Healthcare- Franklin
Wheaton Franciscan- Midwest Spine and Orthopedic Hospital and Wisconsin Heart Hospital

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Notes:

In the spring of 2012, the Center for Urban Population Health was enlisted to create reports detailing the health of various counties using secondary data. These health data reports are one component of a variety of data sources being used by six local health systems to describe their communities and the health priorities of their service areas. These reports were specifically developed to complement a telephone survey conducted in each county. Because of their complementary nature, these reports are not all-inclusive. Indicators for which primary data are being collected were excluded from this report. In addition, rather than repurposing data from the comprehensive County Health Rankings report created by the University of Wisconsin Population Health Institute (2012), the county level data from the rankings report are included in their entirety at the end of this report.

All of the data used in this report come from publicly available data sources. Data for each indicator were presented by race and ethnicity and gender when the data were available. In some cases data were not presented by the data source due to internal confidentiality policies which specify that data will not be released when the number is less than five. In other cases, the data were available but the rates or percentages are not presented in this report. This is due to the indicator having small numbers in the numerator or denominator resulting in rates or percentages that were subject to large year to year fluctuations and, as such, would not have provided a meaningful representation of the data for the population subset.

When applicable, Healthy People 2020 objectives are presented for each indicator. The objectives were not included unless the indicator directly matched with a Healthy People 2020 objective.

University of Wisconsin Population Health Institute. *County Health Rankings* 2012. Accessible at www.countyhealthrankings.org.

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2012 Milwaukee Health Report Summary

Center for Urban Population Health

What is it? This report summarizes the current health of the city and distribution of key factors that may have implications for future health. The report provides information regarding health disparities among the socio-economic groups within the city of Milwaukee and offers comparisons of health outcomes and determinants between the City of Milwaukee, the State of Wisconsin and the United States. The report draws from national, state and local data sources.

The report found that the lower SES zip code group continues to bear the burden of health disparities. This group experienced worse health compared to Wisconsin and the US across 24 measures, and worse health in even more areas compared to the Middle and Higher SES groups within Milwaukee.

Of note, Obesity and Overweight status measures were the only measures to increase in all three SES groups. No Pap Smear and Children with Lead Poisoning increased in the lower and middle SES groups.

The following table presents all measures where the lower SES zip code group had at least 2 times greater risk for an adverse health outcome in comparison to the higher SES zip code group. The greater the risk ratio, the greater the risk for the lower SES group. For example, teens in the lower SES zip codes have 7.5 times greater risk for pregnancy than teens in the higher SES zip codes.

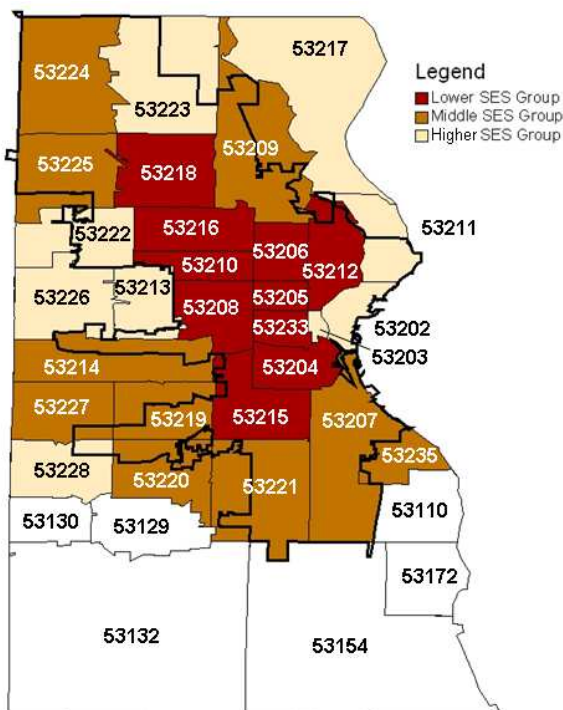
Measure	Risk Ratio
Teen birth rate	7.5
% of women reporting no pap smear in past 3 years	4.9
Chlamydia rate	4.88
% reporting childhood lead poisoning	3.9
% single parent households	3.6
HIV infection rate	3.4
No access to healthy food	2.5
% of adults who not receive needed health care in past year	2.5
% of adults reporting inadequate support	2.2
% adults without health insurance	2.1

Chen, H-Y., Baumgardner, D.J., Frazer, D.A., Kessler, C.L., Swain, G.R., & Cisler, R.A. (2012). Milwaukee Health Report 2012: Health Disparities in Milwaukee by Socioeconomic Status. Center for Urban Population Health: Milwaukee, WI.

Milwaukee Health Report SES Zip Code Groups

Center for Urban Population Health

Map of the City of Milwaukee by ZIP Code and SES Group.



Milwaukee County High Hospital Utilization Corridor

Journal of Urban Health

A recent study published in the Journal of Urban Health, looked at poverty, wealth, and health care utilization by geographic area in Milwaukee and Los Angeles. In Milwaukee, the study found that among working age adults, virtually all of the excess hospital utilization was attributable to very high utilization in Milwaukee's segregated "poverty corridor."

In comparing utilization among adults ages 35-64 in the lowest vs. the highest income quartile zip codes in Milwaukee County, the study found that the number of hospital days per 1,000 residents of the lowest income zip codes was greater by

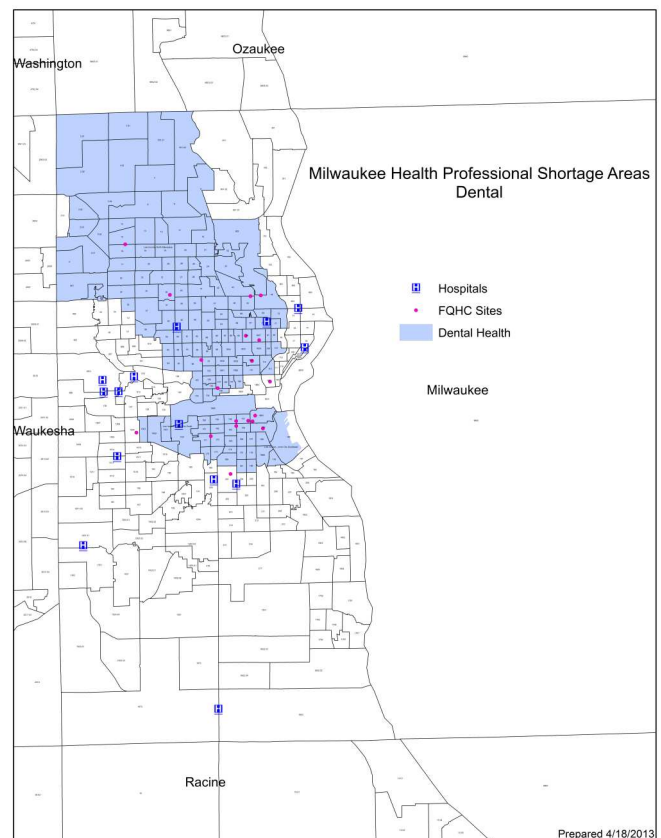
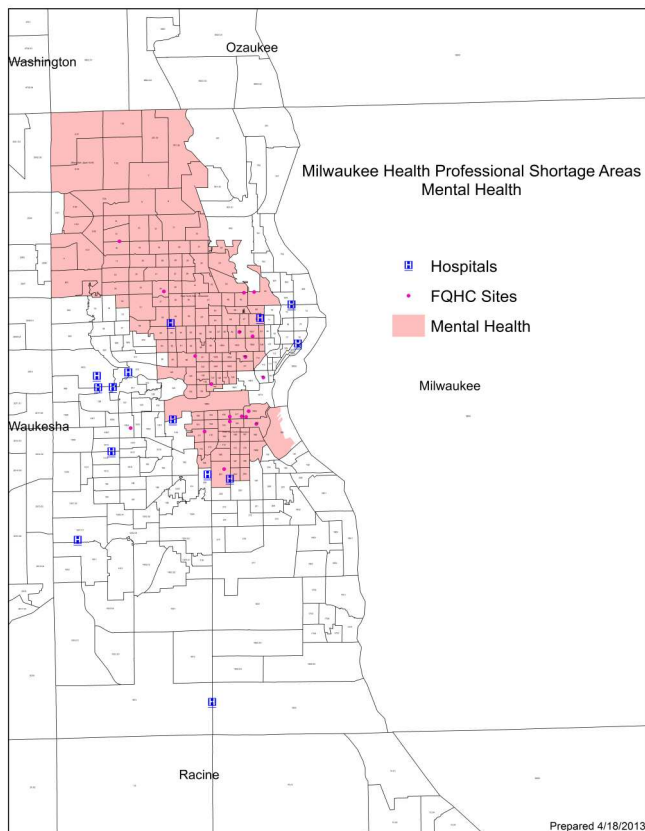
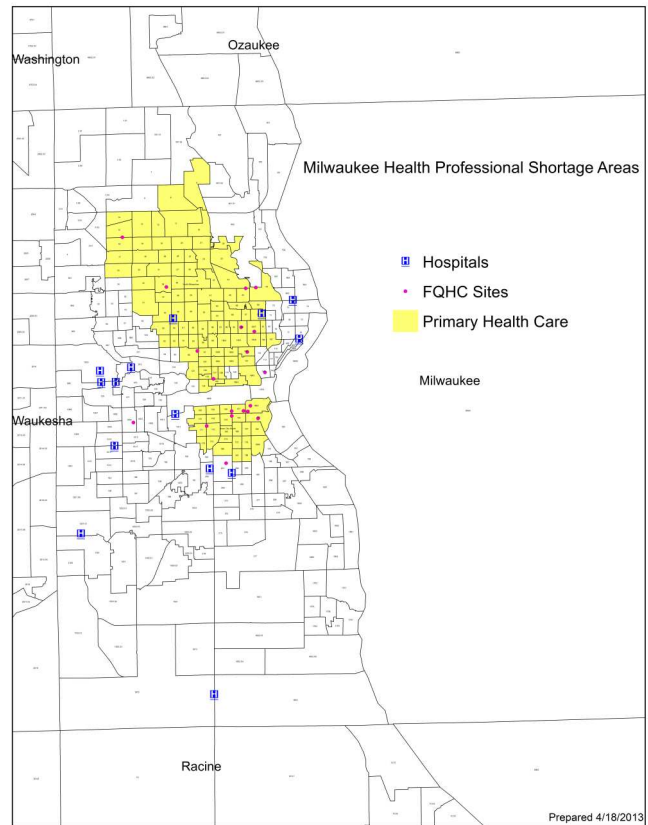
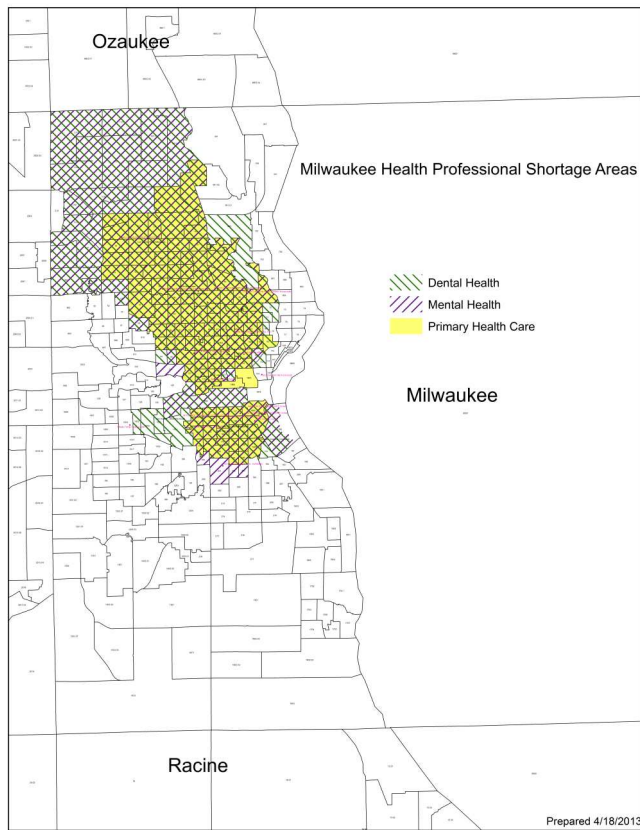
- 347% for heart failure
- 266% for diabetes
- 610% for chronic obstructive pulmonary disease (COPD)

Cooper, R., Cooper, M., McGinley, E., Fan, X., Rosenthal, J.T., Poverty, Wealth, and Health Care Utilization: A Geographic Assessment. Journal of Urban Health: Bulletin of the New York Academy of Medicine, Vol. 89, No. 5. pgs: 828-847.



Milwaukee Health Professional Shortage Area Maps

Wisconsin Primary Health Care Association





Total Population 2010				
		2010		State 2010
Total Population		947,735		5,686,986
Population Density Per Sq Mile		3,926.0		104.7
Total Population				
	Non-Hispanic White	574,656	60.6%	4,902,067
	Non-Hispanic Black	253,764	26.8%	359,148
	Asian	32,422	3.4%	129,234
	American Indian and Alaska Native	6,808	0.7%	1,827
	Some Other Race	51,429	5.4%	135,867
	Hispanic or Latino	126,039	13.3%	336,056
Total Population				
	Male	457,717	48.3%	2,822,400
	Female	490,018	51.7%	2,864,586
Total Population				
	0-14	196,785	20.8%	1,102,987
	15-44	413,508	43.6%	2,233,121
	45-64	228,309	24.1%	1,573,564
	65+	109,133	11.5%	777,314

*US Census Bureau (2012).
American Fact Finder.

Retrieved November 14, 2012
from http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC_10_DP_DPDP1&prodT

Demographics 2010			
		2010	State 2010
Education level of adults 25 years or older			
	Less than high school degree	15.0%	9.9%
	High school degree	30.4%	31.6%
	Some college/associates	27.8%	33.3%
	Bachelors degree or higher	26.8%	24.0%
Percent of those ages 16 or older who are unemployed			
Unemployment rate		9.3%	8.90%
Median HH Income (2010 dollars)			
Median Income		\$43,215	\$49,001
Percent below poverty in last 12 months			
Percent below poverty		19.2%	15.3%
Language spoken at home			
	English	84.3%	91.7%
	Spanish or spanish creole	9.9%	4.4%
	Indo-European	3.1%	2.1%
	Asian and Pacific Island	2.1%	1.5%
	Other Languages	0.6%	0.3%
	Owner Occupied	53.4%	68.7%
	Renter Occupied	46.6%	31.3%

*Data from American
Community Survey 2010
estimates.

Accessed at:
americanfactfinder.com on
November 14, 2012



Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <http://dhs.wisconsin.gov/wish/>, Birth Counts Module, accessed 10/3/2012.

Total Births 2010					
	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal
Total Births	15,368	15,248	14,310	68,367	
Total Births by Race/Ethnicity of Mother					
Non-Hispanic White	6,150	6,011	5,707	50,893	
Non-Hispanic Black	5,471	5,484	5,053	6,845	
Hispanic	2,818	2,761	2,631	6,560	
American Indian	136	183	155	1,129	
Laotian/Hmong	361	386	326	1,264	
Other Race	403	414	421	1,628	
Total Births by Education of Mother					
Some High School or	3,669	3,484	3,050	8,921	
High School Graduate	4,512	4,563	4,160	18,138	
Some College	3,193	3,160	3,076	18,378	
College Graduate	2,851	2,609	2,565	15,082	
Post Graduate	1,049	1,277	1,230	7,325	

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <http://dhs.wisconsin.gov/wish/>, Prenatal Care Module, accessed 10/3/2012.

Percent Births to Those Receiving First Trimester Care					
	2008	2009	2010	Wisconsin 2010	HP 2020 goal
Total Births	15,368	15,248	14,310	68,367	
Percent 1st trimester care	77.5%	80.5%	80.2%	84.2%	77.9%
Percent Births to Those Receiving First Trimester Care by Race/Ethnicity of Mother					
Non-Hispanic White	86.6%	87.8%	88.3%	87.7%	
Non-Hispanic Black	70.5%	74.1%	74.5%	74.1%	
Hispanic	74.1%	79.1%	76.6%	74.5%	
American Indian	65.4%	76.0%	62.6%	72.3%	
Laotian/Hmong	60.9%	67.4%	64.1%	65.7%	
Other Race/Ethnicity	77.7%	82.6%	79.1%	73.8%	



Percent Late (started in third trimester) or No Prenatal Care					
	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal
Total Births	15,368	15,248	14,310	68,367	
Percent late or no prenatal	4.6%	3.7%	4.2%	2.9%	
Percent Late or No Prenatal Care by Race/Ethnicity of Mother					
Non-Hispanic White	2.7%	1.7%	2.5%	2.2%	
Non-Hispanic Black	7.1%	6.3%	6.5%	6.4%	
Hispanic	3.5%	2.9%	3.3%	4.1%	
American Indian	5.9%	2.7%	12.3%	5.6%	
Laotian/Hmong	4.7%	2.9%	2.8%	2.3%	
Other Race	5.5%	4.1%	3.6%	3.2%	

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <http://dhs.wisconsin.gov/wish/>, Prenatal Care Module, accessed 10/3/2012.

Tobacco Use During Pregnancy					
	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal
Total Births	15,368	15,248	14,310	68,367	
Percent of births where mother indicated smoking during pregnancy	10.9%	11.8%	10.9%	13.2%	No greater than 1.4%
Percent of Mothers Who Smoked While Pregnant by Race/Ethnicity					
Non-Hispanic White	11.4%	11.4%	11.1%		
Non-Hispanic Black	13.9%	15.8%	14.2%		
Hispanic	5.5%	6.1%	5.9%		
American Indian	27.2%	29.0%	21.9%		
Laotian/Hmong	2.5%	5.4%	4.0%		
Other Race	1.2%	1.7%	1.4%		
Percent of Mothers Who Smoke by Education					
Some High School or					
High School Gradu-	3.9%	4.8%	4.4%		
Some College	2.2%	2.2%	2.3%		
College Graduate	0.3%	0.4%	0.3%		
Post Graduate	0.1%				

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <http://dhs.wisconsin.gov/wish/>, Birth Counts Module, accessed 10/3/2012.



Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <http://dhs.wisconsin.gov/wish/>, Low Birth weight Module, accessed 11/12/2012.

Percent of All Births That Are Low Birth Weight					
	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal
Total low birth weight births	1,375	1,463	1,332	4,813	
Percent low birth weight (<2,500	9.0%	9.6%	9.3%	7.0%	7.8%
Percent of All Births That Are Low Birth Weight by Race of Mother					
Non-Hispanic White	6.5%	6.6%	6.9%	6.2%	
Non-Hispanic Black	13.1%	14.6%	14.1%	13.8%	
American Indian	8.8%	8.2%	6.5%	7.5%	
Hispanic	6.7%	7.0%	6.0%	5.8%	
Laotian/Hmong	8.6%	8.6%	7.7%	7.4%	
Other Race/Ethnicity	6.0%	6.0%	8.6%	8.3%	

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <http://dhs.wisconsin.gov/wish/>, Infant Mortality Module, accessed 11/12/2012.

Infant Mortality					
	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal
Total Births	15,368	15,248	14,310	68,367	
Total number of Infant Deaths	145	144	116	393	
Infant mortality rate (<365 days) per 1,000	9.4	9.4	8.1	5.7	6.0
Infant Mortality Rate per 1,000 Live Births by Race/Ethnicity of the Mother					
Non-Hispanic White	5.7	5.5	4.6	4.9	
Non-Hispanic Black	13.3	14.8	14.2	13.9	
American Indian	7.4	10.9		5.3	
Hispanic	10.6	7.6	5.3	4.4	
Laotian/Hmong	16.6	10.4	6.1	6.3	
Other Race/Ethnicity		7.2		3.7	

**Premature Births (<37 weeks of gestation)**

	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal
Total number premature births	2,017	1,987	1,885	68,367	
Percent of all births that were premature	13.1%	13.0%	13.2%	10.8%	11.4%

Percent Premature Birth by Race/Ethnicity of Mother

Non-Hispanic White	10.2%	9.6%	10.2%	10.0%	
Non-Hispanic Black	17.0%	17.8%	18.0%	17.5%	
American Indian	8.1%	8.7%	14.2%	12.8%	
Hispanic	12.4%	11.9%	11.3%	10.8%	
Laotian/Hmong	13.6%	11.7%	11.4%	10.6%	
Other Race/Ethnicity	9.9%	10.6%	9.5%	9.2%	

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <http://dhs.wisconsin.gov/wish/>, Low Birth weight Module, accessed 11/12/2012

Birth Rate for Teens Ages 15-19

	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal
Total Births to Teens 15-19	2,033	1,971	1,665	5,147	
Birth rate per 1000 for Teens Ages 15-19	62.9	59.2	48.2	26.5	

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <http://dhs.wisconsin.gov/wish/>, Teen Births - Teen Birth Rates Module, accessed 11/12/2012.

Birth Rate for Teens Ages 15-17

	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal
Total Births to Teens 15-17	752	677	544	1,402	
Birth rate per 1000 for Teens Ages 15-17	38.4	34.4	27.8	12.2	



Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <http://dhs.wisconsin.gov/wish/>, Mortality Module, accessed 11/12/2012.

Number of Deaths					
	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal
Total Deaths	8,026	7,856	8,147	47,212	
Number of Deaths by Race/Ethnicity					
Non-Hispanic	6,323	6,090	6,296	44,364	
Non-Hispanic Black	1,583	1,653	1,725	2,226	
American Indian	47	41	44	363	
Asian	73	72	82	259	
Hispanic	229	260	218	482	
Number of Deaths by Gender					
Male	3,841	3,861	3,906	23,198	
Female	4,185	3,995	4,241	24,014	

Mortality Rate (Per 100,000)					
	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal
Total Deaths	8,026	7,856	8,147	47,212	
Mortality Rate	856.8	835.8	859.6	830.2	
Mortality Rate (Per 100,000) by Race/Ethnicity					
Non-Hispanic	975.1	937.6	993.5	872.8	
Non-Hispanic Black	642.4	667.0	644.5	564.3	
American Indian	487.8	423.8	420.9	536.0	
Asian	226.5	218.7	228.2	183.0	
Hispanic	208.8	229.2	173.0	143.4	
Mortality Rate (Per 100,000) by Gender					
Male	848.8	850.7	853.4	754.9	
Female	864.3	821.9	865.5	764.5	



Years of potential lost life per 100,000 population						
	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal	
Total Deaths	8,026	7,856	8,147	47,212		
Mortality Rate per 100,000	856.8	835.8	859.6	830.2		
Years of potential life lost : rate per 100,000	70,743	71,729	70,784	6,023		
Years Potential Life Lost by Race: rate per 100,000 population						
	Non-Hispanic White	6,987	6,709	6,760	5,738	
	Non-Hispanic Black	11,408	12,338	11,168	10,046	
	Hispanic	5,468	5,075	3,884	3,266	
	American Indian	8,495	8,654	6,776	8,817	
	Asian	3,313	3,634	4,169	3,196	
Years Potential Life Lost by Gender: rate per 100,000 population						
	Male	9,936	10,362	9,905	7,466	
	Female	6,287	6,031	6,062	4,559	

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <http://dhs.wisconsin.gov/wish/>, Mortality Module, accessed 11/12/2012.

*** Years of Potential Life Lost (YPLL):** An estimate of premature mortality, defined as the number of years of life lost among persons who die before age 75. YPLL is the sum of the differences between age 75 and the age at death for everyone who died before age 75.



Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <http://dhs.wisconsin.gov/wish/>, Mortality Module, accessed 11/12/2012.

Age Adjusted Mortality Rate (Per 100,000)					
	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal
Total Deaths	8,026	7,856	8,147	47,212	
Age-adjusted Mortality Rate	788.7	769.9	827.6	717.3	
Age Adjusted Mortality Rate (Per 100,000) by Race/Ethnicity					
Non-Hispanic White	740.1	712.0	775.7	704.0	
Non-Hispanic Black	1,001.7	1,010.2	1,025.3	1,003.3	
Hispanic	384.6	430.0	430.3	417.6	
American Indian	908.8	659.7	784.6	1,005.0	
Asian	511.9	473.7	457.4	423.3	
Age Adjusted Mortality Rate (Per 100,000) by Gender					
Male	959.5	961.1	1003.2	856.1	
Female	666.3	633.0	697.0	607.3	

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <http://dhs.wisconsin.gov/wish/>, Mortality Module, accessed 11/12/2012.

Average Age at Death					
	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal
Average Age at	72.3	71.9	72.6	75.2	
Average Age at Death by Race/Ethnicity					
Non-Hispanic	75.4	75.5	76.0	76.1	
Non-Hispanic Black	60.3	59.6	60.8	60.3	
Hispanic	52.1	55.4	55.3	55.1	
American Indian	60.0	56.3	61.1	61.5	
Asian	65.2	62.2	60.2	61.2	
Average Age at Death by Gender					
Male	68.3	67.7	68.4	71.5	
Female	75.9	75.9	76.4	78.6	



Number Injury Related Deaths					
	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal
Total Deaths	8,026	7,856	8,147	47,212	
Number Injury Related	720	687	712	3,528	
Number Injury Related Death by Race/Ethnicity					
	Non-Hispanic	534	476	514	3,199
	Non-Hispanic Black	169	193	181	240
	Hispanic	42	33	41	91
Number Injury Related Death by Gender					
	Male	463	445	449	2,268
	Female	257	242	263	1,260

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <http://dhs.wisconsin.gov/wish/>, Injury Mortality Module, accessed 11/12/2012.

Injury Death Rate Per 100,000					
	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal
Injury Related Death Rate	76.9	73.1	75.1	62.0	53.3
Injury Death Rate Per 100,000 by Race/Ethnicity					
	Non-Hispanic White	82.4	73.3	81.1	62.9
	Non-Hispanic Black	68.6	77.9	67.6	60.8
	Hispanic	38.3	29.1	32.5	27.1
	American Indian	62.3	103.4	38.3	70.9
	Asian	34.1	24.3	36.2	29.0
Injury Death Rate Per 100,000 by Gender					
	Male	102.3	98.1	98.1	80.4
	Female	53.1	49.8	53.7	44.0



Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <http://dhs.wisconsin.gov/wish/>, Injury Mortality Module, accessed 11/12/2012, 3/4/2013.

Number of Suicides					
	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal
Number of Suicides	118	100	116	792	
Number of Suicides by Race/Ethnicity					
Non-Hispanic White	100	77	96	731	
Non-Hispanic Black		22		29	
Hispanic				13	
Other Race/Ethnicity				32	
Number of Suicides by Gender					
Male	91	75	88	632	
Female	27	25	28	160	
Number of Suicides by Age Group					
Birth to 17				31	
18 to 24	20		17	84	
25 to 34	19	15	23	118	
35 to 44	20	16	16	120	
45 to 54	28	30	23	192	
55 to 64	17		21	138	
65 to 74				49	
65 and older				60	



Suicide Rate Per 100,000					
	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal
Suicide Rate	12.6	10.6	12.2	13.93	10.2
Suicide Rate per 100,000 by Race/Ethnicity					
Non-Hispanic White	15.42	11.68	15.15	14.38	
Non-Hispanic Black	5.68	8.88	5.23	7.35	
Hispanic	6.38	3.53	3.97	3.87	
American Indian		10.34		16.24	
Asian	12.41		16.69	14.84	
Suicide Rate per 100,000 by Gender					
Male	20.1	16.5	19.2	22.39	
Female	5.6	5.1	5.7	5.59	
Suicide Rate per 100,000 by Age Group					
5 to 9				0.27	
10 to 14		3.41		1.33	
15 to 17		7.5	2.53	10.57	
18 to 19	11.5	7.28	9.89	10.45	
20 to 24	25.83	17.15	17.96	17.33	
25 to 29	15.04	14.2	12.78	17.46	
30 to 34	12.02	7.63	19.09	15.17	
35 to 39	14.12	6.39	14.94	15.93	
40 to 44	17.51	19.57	11.85	17.09	
45 to 49	20.64	22.53	17.57	21.94	
50 to 54	21.58	22.91	18.58	22.01	
55 to 59	16.26	19.43	26.46	22.54	
60 to 64	19.49	6.9	13.51	16.25	
65 to 69	13.41	6.56	17.12	11.01	
70 to 74	12.18	8.01	13.23	13.84	
75 to 79	8.75		24.64	16.99	
80 to 84	5.25	5.23	11.13	14.52	
85 and older	20.43	5.19		16.03	

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <http://dhs.wisconsin.gov/wish/>, Injury Mortality Module, accessed 11/12/2012, 3/4/2013.



Number Injury Hospitalizations					
	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal
Number of Injury Hospitalizations	10,740	9,669	9,820	53,560	
Number Injury Hospitalizations by Race/Ethnicity					
Non-Hispanic White	7,199	6,517	6,530	45,618	
Non-Hispanic Black	2,717	2,402	2,503	3,509	
Hispanic	683	605	642	1,429	
American Indian	38	40	40	541	
Asian	81	69	68	294	
Other	596	539	577	1,138	
Number Injury Hospitalizations by Gender					
Male	5,220	4,637	4,704	24,883	
Female	5,520	5,032	5,116	27,148	

Rate of Injury Hospitalizations					
	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal
Total Injury Hospitalizations	10,740	9,669	9,820	53,560	
Rate of Injury Hospitalizations	1,146.48	1,028.69	1,036.15	943.4	555.8
Average Patient Age	56.7	57.3	57.3	57.9	
Average Length of Hospital Stay	5.61	5.81	5.66	5.21	
Total Hospital Charges	\$341,852,781	\$356,966,626	\$367,666,365	\$1,581,449,672	
Average Hospital Charges	\$31,829.87	\$36,918.67	\$37,440.57	\$30,394.37	
Rate of Injury Hospitalizations by Race/Ethnicity (Per 100,000 population)					
Non-Hispanic White	1,110.15	1,003.37	1,030.45	897.4	
Non-Hispanic Black	1,102.52	969.21	935.22	889.5	
Hispanic	622.61	533.27	509.37	425.2	
American Indian	394.40	413.46	382.63	798.9	
Asian	251.27	209.60	189.21	207.7	
Rate of Injury Hospitalizations by Gender (Per 100,000 population)					
Male	1,153.47	1,021.66	1,027.71	881.6	
Female	1,139.95	1,035.25	1,044.04	947.7	

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <http://dhs.wisconsin.gov/wish/>, Injury Hospitalization Module, accessed 11/12/2012 and 3/5/2013.



Number ER Visits for Injuries					
	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal
Total ER Visits for Injury	89,355	82,289	85,032	427,537	
Average Age of ER Injury Patient	32.01	32.15	31.94	34.1	
Total Hospital Charges for All Injury Patients	\$109,168,532	\$112,101,759	\$119,837,305	\$513,096,657	
Average Hospital Charges Per Injury Patient	\$1,221.74	\$1,362.29	\$1,409.32	\$1,222.41	
Number ER Visits for Injuries by Gender					
Male	46,392	42,552	43,738	222,927	
Female	42,963	39,737	41,294	196,815	
Total ER Visits by Cause					
Motor vehicle crash- Occupant	8,861	7,836	8,038	28,977	
Motor vehicle crash- Motorcyclist	370	296	375	2,169	
Motor vehicle crash- Pedal cyclist	146	183	171	626	
Motor vehicle crash- Pedestrian	611	627	571	1,334	
Motor vehicle crash- Other	553	689	783	2,366	
Motor vehicle- Self-inflicted/ Assault/ Undetermined	33	32	39	242	
Firearms	335	294	284	427	
Poisoning	1,805	1,714	1,525	8,179	
Falls	25,823	23,810	23,896	127,309	
Suffocation	127	129	158	629	
Drowning	15			177	
Fire, heat, chemical burns	1,244	1,153	1,213	6,516	
Cutting or piercing objects	7,319	6,609	6,757	39,714	
Struck by or against object or person	14,359	13,594	13,419	67,233	
Machinery	479	342	365	3,785	
Nontraffic pedal cyclist	925	954	1,013	6,107	
Nontraffic pedestrian	85	60	75	339	
Nontraffic transportation	350	324	301	5,926	
Natural or environmental factors	2,674	2,560	3,346	19,631	
Overexertion	7,685	6,894	6,853	38,291	
Other classifiable cause	4,746	4,083	4,341	24,371	
Other unclassifiable cause	2,771	2,840	3,790	11,526	
Unspecified cause	8,039	7,252	7,706	31,663	

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <http://dhs.wisconsin.gov/wish/>, Emergency Department Visits for Injury Module, accessed 11/12/2012 and 3/5/2013.



Rate of ER Visits for Injury Per 100,000 Pop.					
	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal
Total ER Visits for Injury	89,355	82,289	85,032	427,537	
Rate of ER Visits for Injury	9,538.6	8,754.8	8,972.1	7,380.8	7533.4
Rate of ER Visits for Injury per 100,000 Pop. by Gender					
Male	10,251.3	9,375.4	9,555.7	7,898.5	
Female	8,872.4	8,175.2	8,427.0	6,870.6	
Rate of ER Visits for Injuries by Cause, per 100,000 Pop.					
Motor vehicle crash- Occupant	945.9	833.7	848.1	509.5	
Motor vehicle crash- Motorcyclist	39.5	31.5	39.6	38.1	
Motor vehicle crash- Pedal cyclist	15.6	19.5	18.0	11.0	
Motor vehicle crash- Pedestrian	65.2	66.7	60.3	23.5	
Motor vehicle crash- Other	59.0	73.3	82.6	41.6	
Motor vehicle- Self-inflicted/ Assault/ Undetermined	3.5	3.4	4.1	4.3	
Firearms	35.8	31.3	30.0	7.5	
Poisoning	192.7	182.4	160.9	143.8	
Falls	2,756.6	2,533.2	2,521.4	2,238.6	
Suffocation	13.6	13.7	16.7	11.1	
Drowning	1.6	1.5	1.4	3.1	
Fire, heat, chemical burns	132.8	122.7	128.0	114.6	
Cutting or piercing objects	781.3	703.1	713.0	698.3	
Struck by or against object or person	1,532.8	1,446.3	1,415.9	1,182.2	
Machinery	51.1	36.4	38.5	66.6	
Nontraffic pedal cyclist	98.7	101.5	106.9	107.4	
Nontraffic pedestrian	9.1	6.4	7.9	6.0	
Nontraffic transportation	37.4	34.5	31.8	104.2	
Natural or environmental factors	285.5	272.4	353.1	345.2	
Overexertion	820.4	733.5	723.1	673.3	
Other classifiable cause	506.6	434.4	458.0	428.5	
Other unclassifiable cause	295.8	302.2	399.9	202.7	
Unspecified cause	858.2	771.5	813.1	556.8	

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <http://dhs.wisconsin.gov/wish/>, Emergency Department Visits for Injury Module, accessed 11/12/2012 and 3/5/2013.



Sexually Transmitted Infections Incidence Rate per 100,000					
	2008	2009	2010	Wisconsin 2010	Healthy People 2020 goal
STI Incidence Rate per 100,000	1,458	1,423	1,469	500	
STI Incidence Rate per 100,000 by Race/Ethnicity					
Non-Hispanic	145	162	194	168	
Non-Hispanic	2,911	2,470	2,778	2,645	
Hispanic	456	308	536	482	
American	556	414	603	710	
Asian/ Pacific	157	150	337	268	
Other Race/	NA	NA	NA	NA	
STI Incidence Rate per 100,000 by Gender					
Male	892	887	920	297	
Female	1,982	1,909	1,969	693	

*Data accessed from http://www.dhs.wisconsin.gov/communicable/STD/Statistics_State.htm on October 3, 2012.

HIV Incidence per 100,000				
	Milwaukee 2006-2010	Milwaukee 2011	Wisconsin 2011	Healthy People 2020 goal
Incidence Rate	14.5	15.7	4.6	
HIV Incidence per 100,000 by Race/Ethnicity				
Non-Hispanic White	6.1	4.6	2.2	
Non-Hispanic Black	30.3	36.9	31.4	
Hispanic	15.9	16.7	11.6	
American Indian	0.0	46.3	2.6	
Asian/Pacific Islander	11.6	11.6	5.4	
Other Race/Ethnicity	NA	NA	NA	
HIV Incidence per 100,000 by Gender				
Male	23.8	25.8	7.5	
Female	5.9	6.3	1.8	

Data from <http://www.dhs.wisconsin.gov/aids-hiv/Stats/index.htm> accessed on October 3, 2012.



Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <http://dhs.wisconsin.gov/wish/>. Cancer Module, accessed 10/3/2012.

Cancer Incidence per 100,000				
		Milwaukee County 2004-08	Wisconsin 2004-2008	Healthy People 2020 goal
Incidence Rate		469.6	510.3	
Cancer Incidence per 100,000 by Race/Ethnicity				
	Non-Hispanic White		528.4	
	Non-Hispanic Black		308.4	
	Hispanic		134.4	
	Other Race/Ethnicity		NA	
Cancer Incidence per 100,000 by Gender				
	Male	491.4	536.0	
	Female	449.4	485.0	

Wisconsin Dept. of Health Services, Division of Public Health, Office of Health Informatics. Wisconsin Interactive Statistics on Health (WISH) data query system, <http://dhs.wisconsin.gov/wish/>, BRFSS Module, accessed 10/3/2012.

Behavioral Health Risk Factors Survey			
	Milwaukee County 2009-2010	Wisconsin 2009-10	Healthy People 2020 goal
Percent of adults reporting they are heavy drinkers	7.9%	6.3%	
Percent of adults reporting they have ever been tested for HIV	43.3%	32.5%	

IMPACT 2-1-1 Statistical Call Report

IMPACT 2-1-1

What is it? This report provides an overview of the types and quantities of calls seeking resources and services related to health and health care. The report covers callers from 10 zip codes from January through December 2012. The 10 zip codes represent the lower SES group of neighborhoods within the City of Milwaukee as identified in the Milwaukee Health Report.

The table is aggregated across each zip code and includes all service requests with 100 or more individual callers.

The full report provides detail on each zip code as well as the full listing of 331 services and the quantity of their respective requests.

Generally, these callers tend to be women and range from 18 years of age to 85, with most calls coming from 18-55 year olds.

Notice that many of the service request areas could be collapsed into broader areas. The most common requests are for community clinics and overall health care access, followed by oral health and mental health and substance use related needs.

January - December 2012

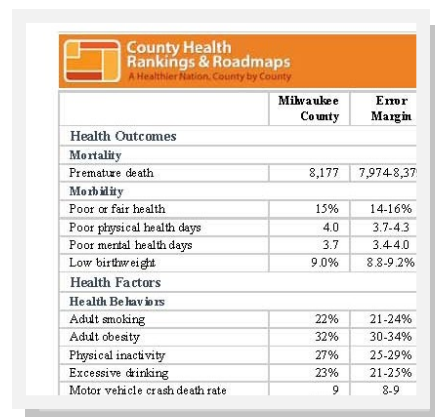
Service	Number of Calls
Community Clinics	1,523
Aging and Disability Resource Centers	1,040
Emergency Dental Care	882
General Dentistry	542
General Assessment for Substance Abuse	318
Hospitals	282
Prescription Expense Assistance	281
Helplines/Warmlines	254
Inpatient Drug Detoxification	224
Domestic Violence Hotlines	151
General Crisis Intervention Hotlines	143
Central Intake/Assessment for Drug Abuse	127
Mental Health Hotlines	123
Psychiatric Disorder Counseling	114
Sexually Transmitted Disease Screening	102

County Health Rankings

UW Population Health Institute

Milwaukee County consistently ranks among the worst counties in the state of Wisconsin with regard to Health Outcomes and Health Factors. The 2012 County Health Rankings found Milwaukee County ranked 70th of 72 counties for Health Outcomes and 71st for Health Factors.

To learn more about the methods and indicators, please visit www.countyhealthrankings.org or to view the Milwaukee specific page visit: <http://www.countyhealthrankings.org/app/wisconsin/2013/milwaukee/county/outcomes/overall/snapshot/by-rank>



County Health Rankings & Roadmaps A Healthier Nation, County by County		
	Milwaukee County	Error Margin
Health Outcomes		
Mortality		
Premature death	8,177	7,974-8,371
Morbidity		
Poor or fair health	15%	14-16%
Poor physical health days	4.0	3.7-4.3
Poor mental health days	3.7	3.4-4.0
Low birthweight	9.0%	8.8-9.2%
Health Factors		
Health Behaviors		
Adult smoking	22%	21-24%
Adult obesity	32%	30-34%
Physical inactivity	27%	25-29%
Excessive drinking	23%	21-25%
Motor vehicle crash death rate	9	8-9