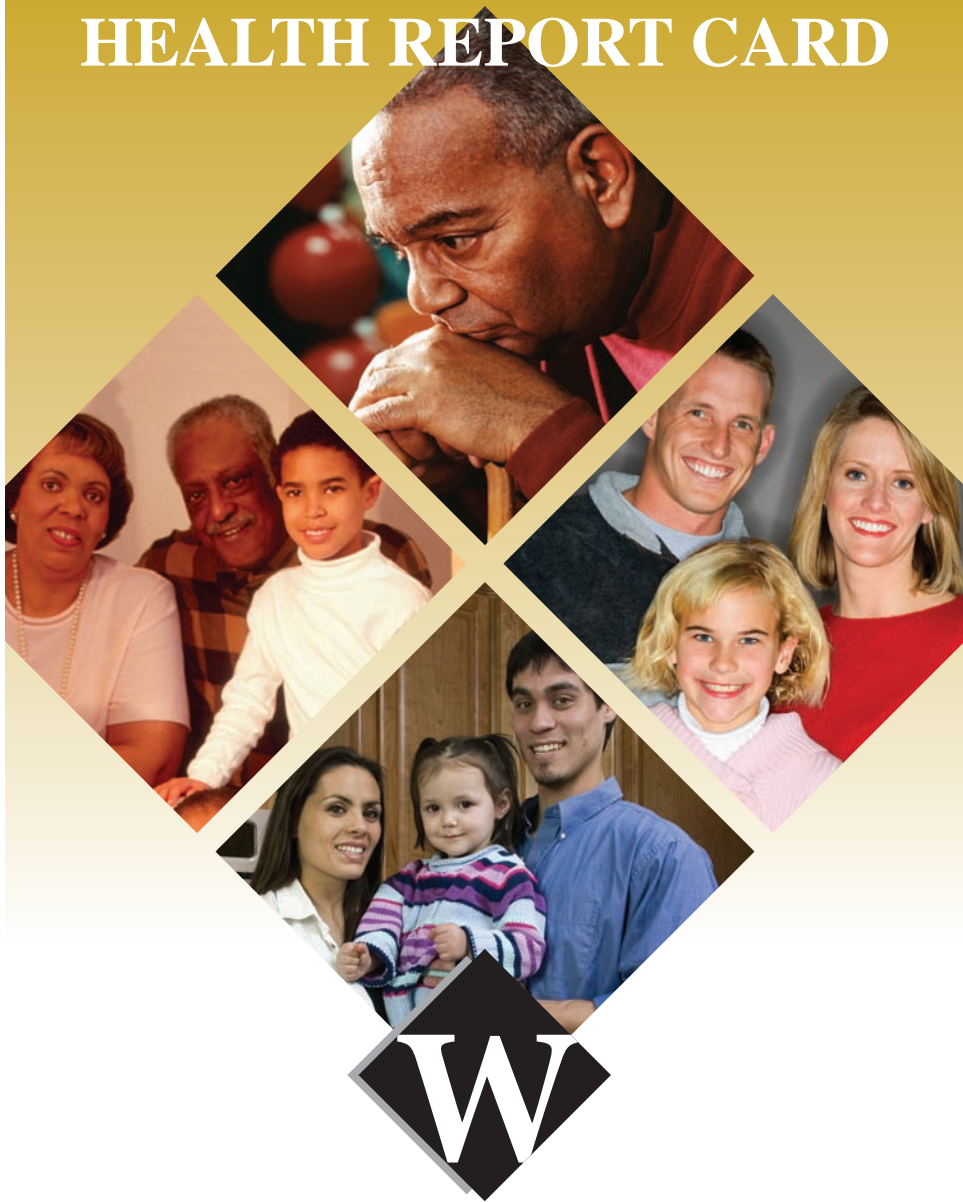


WAUKESHA COUNTY HEALTH REPORT CARD



WAUKESHA COUNTY HEALTH COUNCIL

January 2009

Waukesha County Health Council Message

January, 2009

Dear Waukesha County Community:

The Waukesha County Health Council is pleased to present the fifth edition of the Waukesha County Health Report Card, an assessment of the population's overall health status. Previous report cards were issued by the Health Council in 1997, 1998, 2002, and 2005. This fifth edition updates information on key community health status indicators for Waukesha County.

The Health Council, which was formed in 1995, has as one of its most important functions the monitoring and reporting of health data to the community. Through the reporting of this information, the Health Council wishes to make the community aware of the health issues that confront its citizens.

This report card provides new data on five specific health/illness categories and also new findings on prevention/risk factors. The health and illness categories consist of: Maternal/Child Health, Communicable Disease, Cancer, Heart Disease/Stroke, and Injury/Violence/Substance Abuse. Whenever possible a comparison of Waukesha County's Health status to the national Healthy People 2010 goals is also provided.

Both primary and secondary research data was utilized in the report card. Primary research included childhood immunization data captured by Waukesha County Public Health Division's immunization program and results from the 2006 Waukesha County Community Health Survey. Secondary data was obtained from the State of Wisconsin, Department of Health and Family Services, and represents data in most instances through the 2006 calendar year.

In addition, at the end of this document is a "Progress Report" that lists the activities that have been undertaken in an effort to address concerns raised in the previous report card.

It is the belief of the Waukesha County Health Council that continued growth of the population, aging of the population and increased diversity within the population, will all add increased challenges to the maintenance of good health in the 21st century. Therefore, it will be increasingly important that individuals take greater control of their own health status if continued progress is to occur.

The Waukesha County Health Council hopes that the community finds this assessment beneficial and that it provides an impetus toward advancing better health for those living in Waukesha County.

Sincerely,

Herb R. Rosenberger
Chair, Health Report Card
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ACKNOWLEDGEMENTS

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GRADES

In keeping with its history, the Waukesha County Health Council graded major categories of health and issued an overall grade to the residents of Waukesha County. Grades were established based on recent and past trends in Waukesha County, how the indicator compares to the State of Wisconsin figures, and how it compares to the Healthy People 2010 national goals.

Maternal, Child and Infant Health-----B-

Not since 1998 has Waukesha County residents received a grade lower than A in this category. The reason for the reduced grade is due to the following:

- An increase in the Waukesha County specific mortality rates for both infants and children age one through age four. These higher mortality rates are lower than the Wisconsin 5-year average, but they now exceed the Healthy People 2010 goals.
- A statistically significant decrease in early prenatal care (beginning in the 1st trimester) and a statistically significant increase in the percentage of mothers with less than five prenatal visits.
- A new childhood lead indicator added to this year's report, shows that Waukesha County does have cases of lead poisoning in children less than six years of age. The 2010 Healthy People goal is zero cases.

A positive finding in this category is the decreasing adolescent pregnancy rate in Waukesha County.

Communicable Diseases-----C-

Waukesha County residents continue to receive a C- grade (as in the 2005 report card) for their mixed performance in the area of communicable diseases. Indicators of note include the following:

- A continued high incidence of diarrheal diseases such as Shigella, E. coli, and Salmonella.
- An increase in vaccine preventable diseases such as Mumps and Pertussis.

- A declining percent of seniors (age 65 and over) who indicated in the 2006 Waukesha County Community Health Survey that they received a flu vaccine in the past year.
- A relatively stable incidence of HIV/AIDS.
- A statistically significant decline in the Hepatitis C incidence.
- A continued increase in the childhood immunization rates for the public health division's clients. However, a recent 2008 census tract survey using the Wisconsin Immunization Registry identified that only 51.3% of the two year old population were up-to-date with the recommended childhood immunizations. The survey results are an indicator for immunization rates in Waukesha County as a whole. This rate is well below the Healthy People 2010 goal of 90% for the two year old population.

Cancer-----C+

Waukesha County residents received a grade of C+ in cancer for their improved performance in a number of areas. This compares to a grade of C received in 2005.

On the positive side:

- A lower overall mortality rate for all cancers.
- A reduction in the percentage of current smokers.
- Improvement in the percentage of adults receiving various cancer-related tests or screenings.
- A reduction in cervical, breast and colorectal cancer incidence and mortality rates.

On the negative side:

- Overall, cancer incidence increased. This was particularly evident in lung and prostate cancers.
- Lung cancer mortality rate, which increased slightly, was the only cancer mortality indicator that did not decrease.
- Dietary intake of the recommended servings of fruit and especially vegetables remains consistently lower than the Healthy People 2010 goal, while the percent of the adult population that is overweight remains much higher.

Heart Disease and Stroke-----B-

This category has seen real positive results and consequently received a grade of B- in this report card. In previous reports cards, heart disease and stroke received grades of D+ (2005) and D (2002). The higher grade is primarily the result of the following:

- A statistically significant reduction in total heart disease mortality rates.
- A reduced stroke mortality rate. It is important to note that this decrease is almost entirely attributable to the rate reduction seen in males. The female rate has stayed relatively unchanged and is now higher than that for males.

Overall, both the heart disease and the stroke mortality rates have declined nicely since 2002 in Waukesha County and are now below the 2010 Healthy People goals.

An area of concern is the statistically significant increase seen in the percentage of adults reporting high blood pressure and high blood cholesterol levels. This combined with the continued high percentage of overweight adults creates substantial cardiovascular risk and is an important health concern for the Waukesha County community.

Injury, Violence and Substance Abuse-----B

Waukesha County residents received a grade of B in this category This represents the same grade as received in the 2005 report card. The performance of the various indicators in this category is provided below as follows:

On the positive side:

- The alcohol and drug related motor vehicle injury rate showed a statistically significant decrease. At the same time, the motor vehicle crash mortality rate stayed constant.
- An increase use of seat belts. For adults this increase was statistically significant.

- A statistically significant increase in bicycle helmet use for both adults and children.
- The binge drinking percentage remained relatively stable.

Negative:

- An increase in the homicide mortality rate.
- An increase in the suicide mortality rate.

Note that the two negative indicators are a concern. Neither increase was statistically significant, but the suicide rate is now above the 2010 Healthy People goal.

Risk Factors/Use of Preventive Services-----C+

In assessing the wellness indicators in aggregate (from the Waukesha County Community Health surveys), the residents of Waukesha County received a grade of C+. This is lower than the B grade given to residents in the 2005 Health Report Card. The areas of concern below are the cause for the lower grade. These indicators have significant impact on the overall health of the community, especially in cancer and heart disease.

Areas of concern:

- Increase in adult obesity
- Increases in health risk conditions such as high blood pressure, high blood cholesterol, diabetes and asthma.
- Relatively low number of adults that exercise regularly.
- A declining percent of seniors (age 65 and over) that received a flu vaccine in the past year.

The reduction in current adult smokers and the increased use of seat belts/ bicycle helmets by both adults and children are very positive trends that will hopefully continue in the future.

OVERALL GRADE-----C+

Based on the grades assigned in the five health/illness categories plus the wellness factors, the overall health grade for Waukesha County residents is a C+. This represents a decrease from the 2005 report card grade of B-. Concern with several of the wellness trends noted above plus the decline seen in maternal, child and infant health, and an increase in overall cancer incidence are the principal causes for the lower grade.

Notwithstanding the lower overall grade, the improvements seen in heart disease and the decrease in current smokers are noteworthy findings that are a cause for optimism.

Residents of Waukesha County are again encouraged to continue their individual efforts toward health and well being.

Demographic Characteristics

Population Subgroup	Waukesha Co.				Wisconsin	
	<i>2000</i>		<i>2006</i>		<i>2006</i>	
	<i>Number</i>	<i>%</i>	<i>Number</i>	<i>%</i>	<i>Number</i>	<i>%</i>
Total Population	360,767	--	380,985	--	5,556,506	--
Sex and Age:						
Male	177,484	49.2	188,528	49.5	2,758,587	49.6
Female	183,283	50.8	192,457	50.5	2,797,919	50.4
Under 20 years	103,262	28.6	98,901	26.0	1,474,095	26.5
20 to 44 years	123,665	34.3	118,569	31.1	1,905,088	34.3
45 to 64 years	90,406	25.1	114,054	29.9	1,455,450	26.2
65 years and over	43,434	12.0	49,461	13.0	721,873	13.0
Race:						
White	345,506	95.8	358,858	94.2	4,859,689	87.5
Black	2,646	0.7	4,659	1.2	328,376	5.9
Asian/Pacific Islander	5,468	1.5	9,524	2.5	112,400	2.0
American Indian/ Alaskan native	788	0.2	810	0.2	47,727	0.9
Other	3,128	0.9	3,292	0.9	136,736	2.5
Two or more races	3,231	0.9	3,842	1.0	71,578	1.3
Ethnicity:						
Not Hispanic or Latino	351,264	97.4	368,718	96.8	5,300,202	95.4
Hispanic or Latino	9,503	2.6	12,267	3.2	256,304	4.6
Individuals below poverty level	9,635	2.7	14,858 [#]	3.9	611,216 [#]	11.0
Families below poverty level (a)	1,674	1.7	2,826 [#]	2.7	106,311 [#]	7.3

[#] An estimated number of individuals affected was calculated using the survey percent multiplied by the total population.

(a) Percent was calculated from total number of families

Source:

United States Census Bureau; 2006 American Community Survey & 2000 Summary File 1 & 3.

<http://factfinder.census.gov>

Leading Causes of Death, 2006

Cause	Waukesha Co.		Wisconsin	
	Number	%	Number	%
Cardiovascular Diseases	930	31.9%	15,276	33.2%
- Heart Disease*	680	23.3%	11,428	24.8%
- Cerebrovascular Diseases (Stroke)*	178	6.1%	2,821	6.1%
Cancer	751	25.8%	10,907	23.7%
All other diseases	549	18.8%	8,560	18.6%
All other accidents	152	5.2%	1,763	3.8%
Chronic Lower Respiratory Disease	137	4.7%	2,354	5.1%
Alzheimer's Disease	102	3.5%	1,593	3.5%
Influenza and Pneumonia	58	2.0%	1,010	2.2%
Diabetes	58	2.0%	1,209	2.6%
Nephritis/Nephrotic syn./Nephrosis	52	1.8%	937	2.0%
Intentional Self-Harm (Suicide)	36	1.2%	668	1.5%
Motor Vehicle Accidents	31	1.1%	760	1.7%
Chronic Liver Disease and Cirrhosis	27	0.9%	450	1.0%
Pregnancy/Childbirth/Perinatal period	13	0.4%	253	0.5%
All other external causes	9	0.3%	66	0.1%
Assault (Homicide)	6	0.2%	194	0.4%
Human Immunodeficiency Virus (HIV)	3	0.1%	51	0.1%
Total Deaths, All Causes	2,914		46,051	

* The listed deaths are also included in the figures for Cardiovascular Diseases.

Source:

Wisconsin Department of Health and Family Services, Division of Public Health, Bureau of Health Information and Policy. Wisconsin Deaths, 2006 (PPH 5368-06). Sept 2007

KEY TO PAGES 8 – 14:










 = meets or exceeds Healthy People (H.P.) 2010 goal

 = fails to meet Healthy People 2010 goal

* = statistically significant Waukesha County 5-year trend at a 0.05 level of significance.

Maternal and Child Health

Maternal and child health describes the health of mothers and their children at the beginning of life. Infants have an increased risk of mortality and morbidity including developmental delay when born at low birth weights. Low birth weight infants are more commonly born to mothers not receiving adequate prenatal care, adolescent mothers, and multiple births.

Indicator (a)	Waukesha Co.			Wisconsin	H.P. Goal	
	2002	2004	2006	5-yr Avg.	2010	
Adolescent pregnancy rate (15-17 yrs) (b)	5.8	4.4	4.2	16.2	43.0	
Early prenatal care (1st trimester; %)	95.6	94.4	92.9	84.6	90.0	
Less than 5 prenatal visits (%)	0.8	0.9	1.3	3.3	--	*
Low birth weight infants (<2500 g; %)	5.7	6.5	5.4	6.9	5.0	
Childhood Lead Poisoning Rate (<6 yrs)	111.3	121.8	106.0	789.9	0.0	
Fetal and Infant Death Rates (b):						
Infant deaths (<1 yr)	3.3	4.1	5.6	6.5	4.5	
Neonatal deaths (<28 days)	2.1	3.4	4.1	4.4	2.9	
Postneonatal deaths (28 days - 1 yr)	1.2	0.7	1.4	2.1	1.5	
Child Death Rates:						
1-4 years	10.9	22.2	21.2	26.7	18.6	
5-9 years	3.9	11.9	7.8	13.9	12.3	

(a) All data presented as rates per 100,000 population unless otherwise specified.

(b) Rate per 1,000 live births.

Sources:

Wisconsin Dept. of Health Services, Division of Public Health, Bureau of Health Information and Policy.

Wisconsin Interactive Statistics on Health (WISH) data query system. <http://dhs.wisconsin.gov/wish/>

Wisconsin Dept. of Health Services, Division of Public Health, Bureau of Health Information and Policy.

Public Health Profiles, Wisconsin 2002-2006 & Waukesha 2002-2006.

<http://dhs.wisconsin.gov/localdata/pubhlthprofiles.htm>







U.S. Department of Health and Human Services. *Healthy People 2010*. 2nd ed. With Understanding and Improving Health and Objectives for Improving Health. 2 vols. Washington, DC: U.S. Government Printing Office, November 2000.

Wisconsin Dept. of Health Services, Division of Public Health, Bureau of Environmental and Occupational Health. **Childhood Lead Poisoning Prevention Data Site.**

<http://dhs.wisconsin.gov/lead/Data/database/index.asp>


Communicable Disease

Communicable or infectious disease refers to any disease carried from one person or animal to another through direct or indirect contact. Examples may include sexually transmitted diseases, childhood illnesses, foodborne illnesses, waterborne illnesses, animal or insect transmitted diseases, etc. Communicable diseases remain a public health concern even with the tremendous progress that has been made in basic hygiene, food production and handling, water treatment, and development of vaccines and antibiotics.

Indicator (a)	Waukesha Co.			Wisconsin	H.P. Goal	
	2002	2004	2006	5-yr Avg.	2010	
Diarrheal Disease Rates:						
Shigella	2.7	4.5	5.0	4.2	--	
E. coli O157:H7	5.7	1.9	4.7	3.2	1.0	
Salmonella	23.2	17.3	15.2	17.2	6.8	
Vaccine Preventable Disease Rates:						
Mumps	0.0	0.0	3.7	3.0	--	*
Pertussis	2.7	106.6	6.0	25.3	--	*
Sexually Transmitted Infection Rates:						
Chlamydia	89.2	105.8	90.6	344.3	--	
Gonorrhea	15.1	11.7	15.0	108.7	19.0	
HIV/AIDS	2.4	2.7	2.1	7.0	1.0	
Other Communicable Disease Rates:						
Hepatitis C	32.4	24.5	21.0	57.9	1.0	
Tuberculosis	0.8	0.5	0.5	1.4	1.0	

(a) All data presented as incidence rates per 100,000 population unless otherwise specified.

Vaccination Coverage Levels

Indicator (b)	Waukesha Co.			Wisconsin	H.P. Goal	
	2002	2004	2006		2010	
WCPHD Vaccination coverage(%)	71.4	78.9	81.8	--	90%	

(b) Percent of Waukesha County Public Health Division immunized 2 years-old up-to-date with 4 DTaP/3 Polio/1 MMR/3 Hib/3 Hep B/1 Var







Sources:

- Wisconsin Dept. of Health Services, Division of Public Health, Bureau of Health Information and Policy. **Public Health Profiles, Wisconsin 2002-2006 & Waukesha 2002-2006**. <http://dhs.wisconsin.gov/localdata/pubhlthprofiles.htm>
- Wisconsin Dept. of Health Services, Division of Public Health, Communicable Disease Epidemiology Section
- Wisconsin Dept. of Health Services, Division of Public Health, Immunization Program
- Wisconsin Dept. of Health Services, Division of Public Health, STD Program. **Sexually Transmitted Disease in Wisconsin, 2006**. <http://dhs.wisconsin.gov/communicable/std/2006Data/index.htm>
- Wisconsin Dept. of Health Services, Division of Public Health, AIDS/HIV Program. **Surveillance Data in Wisconsin, 2006**. <http://dhs.wisconsin.gov/aids-hiv/Stats/index.htm>
- Waukesha County Department of Health and Human Services, Public Health Division. **Immunization Data 2002-2006**.
- U.S. Department of Health and Human Services. **Healthy People 2010**. 2nd ed. With Understanding and Improving Health and Objectives for Improving Health. 2 vols. Washington, DC: U.S. Government Printing Office, November 2000.

Cancer

Cancer is the second leading cause of death, accounting for approximately one-fourth of the deaths in Waukesha County. Leading risk factors for cancer include tobacco use and diet; it is predicted that these risk factors are responsible for two-thirds of all cancer deaths. The National Cancer Institute has estimated that aggressive, widespread application of current cancer prevention, early detection, and treatment techniques would lead to a significant reduction in overall cancer mortality.

Mortality Rates

Indicator (a,b)	Waukesha Co.			Wisconsin	H.P. Goal	
	2002	2004	2006	5-yr Avg.	2010	
Breast Cancer	25.1	26.1	24.2	23.3	22.3	
Cervical Cancer	1.4	0.4	0.8	1.8	2.0	
Colorectal Cancer	17.7	12.4	14.9	17.2	13.9	
Lung Cancer	45.1	49.0	45.7	48.3	44.9	
Prostate Cancer	28.5	25.9	21.9	27.3	28.8	
All Cancers	187.6	177.7	182.1	182.5	159.9	

(a) All data presented as rates per 100,000 population unless otherwise specified.

(b) All mortality rates are age-adjusted

Incidence Rates

Indicator (a)	Waukesha Co.			Wisconsin	H.P. Goal	
	2000	2002	2004	5-yr Avg.	2010	
Breast Cancer	171.3	159.1	150.6	141.6	--	
Cervical Cancer	12.0	5.9	4.2	8.0	--	*
Colorectal Cancer	54.1	54.9	47.2	55.6	--	
Lung Cancer	53.5	66.5	66.3	67.1	--	*
Prostate Cancer	167.3	203.3	194.3	152.9	--	
All Cancers	477.9	547.1	541.4	489.6	--	*

(a) All data presented as rates per 100,000 population unless otherwise specified.

Sources:

Wisconsin Dept. of Health Services, Division of Public Health, Bureau of Health Information and Policy.

Wisconsin Interactive Statistics on Health (WISH) data query system. <http://dhs.wisconsin.gov/wish/>

Wisconsin Dept. of Health Services, Division of Public Health, Bureau of Health Information and Policy.

Public Health Profiles, Wisconsin 2000-2006 & Waukesha 2000-2006.

<http://dhs.wisconsin.gov/localdata/pubhlthprofiles.htm>

Wisconsin Dept. of Health Services, Division of Public Health, Bureau of Health Information and Policy.

Wisconsin Cancer Incidence and Mortality, 2000-2004 (PPH 5328-04). September 2007.

U.S. Department of Health and Human Services. **Healthy People 2010**. 2nd ed. With Understanding and Improving Health and Objectives for Improving Health. 2 vols. Washington, DC: U.S. Government Printing Office, November 2000.

Heart Disease and Stroke

Cardiovascular diseases, including heart disease and stroke, are the leading killers for both men and women. Individually, heart disease and stroke are the first and third leading causes of death, respectively, in both Waukesha County and in Wisconsin. There are many risk factors for both heart disease and stroke including high blood pressure and blood cholesterol, diabetes, obesity, physical inactivity, poor nutrition and tobacco use.

Mortality Rates

Indicator (a,b)	Waukesha Co.			Wisconsin	H.P. Goal	
	2002	2004	2006	5-yr Avg.	2010	
Total Heart Disease	195.2	167.0	160.6	194.2	166.0	*
-males	246.4	206.4	199.8	250.8	--	*
-females	159.3	136.8	130.1	151.6	--	
Coronary/ischemic	127.5	113.2	103.1	127.4	--	*
-males	174.1	149.2	137.3	175.9	--	*
-females	95.3	86.7	76.4	91.2	--	
Stroke	54.9	42.8	41.5	49.4	48.0	
-males	60.3	48.8	35.2	51.6	--	*
-females	49.7	39.3	45.9	47.4	--	

(a) All data presented as rates per 100,000 population unless otherwise specified.

(b) All mortality rates are age-adjusted

Sources:

Wisconsin Dept. of Health Services, Division of Public Health, Bureau of Health Information and Policy.

Wisconsin Interactive Statistics on Health (WISH) data query system.





<http://dhs.wisconsin.gov/wish/>

U.S. Department of Health and Human Services. *Healthy People 2010*. 2nd ed. With Understanding and Improving Health and Objectives for Improving Health. 2 vols. Washington, DC: U.S. Government Printing Office, November 2000.

Wisconsin Department of Health and Family Services, Division of Public Health, Bureau of Health Information and Policy. **Wisconsin Deaths, 2006** (PPH 5368-06). Sept 2007

Injury, Violence and Substance Abuse

Injuries can be divided into two major subcategories: intentional and unintentional. Intentional injuries include homicide, suicide, partner violence and child abuse; unintentional injuries include motor vehicle crashes, workplace injuries and poisonings. When addressing injuries, the most important thing to remember is that the resulting morbidity and mortality are predictable and preventable. Violence and substance abuse are included in this health category due to their intrinsic relation as potential causes of injuries.

Indicator (a,b)	Waukesha Co.			Wisconsin	H.P. Goal	
	2002	2004	2006	5-yr Avg.	2010	
Motor Vehicle Crash Death Rate	8.1	7.9	8.1	14.5	9.2	
-alcohol and drug related (%)	23.3	23.3	22.6	39.0		
-age 20-29 (%)	23.3	16.7	32.3	23.1		
Alcohol- and Drug-related Motor Vehicle Injury Rate	80.8	68.2	58.8	111.6	65.0	
Homicide Death Rate	1.1	0.9	1.5	3.5	3.0	
Suicide Death Rate	7.6	7.2	9.7	11.5	5.0	
- males (%)	75.9	75.0	72.2	80.3		
- females (%)	24.1	25.0	27.8	19.7		

(a) All data presented as rates per 100,000 population unless otherwise specified.

(b) All mortality rates are age-adjusted

Sources:

Wisconsin Dept. of Health Services, Division of Public Health, Bureau of Health Information and Policy.

Wisconsin Interactive Statistics on Health (WISH) data query system. <http://dhs.wisconsin.gov/wish/>

Wisconsin Dept. of Health Services, Division of Public Health, Bureau of Health Information and Policy.

Public Health Profiles, Wisconsin 2002-2006 & Waukesha 2002-2006.

<http://dhs.wisconsin.gov/localdata/pubhlthprofiles.htm>

U.S. Department of Health and Human Services. *Healthy People 2010*. 2nd ed. With Understanding and Improving Health and Objectives for Improving Health. 2 vols. Washington, DC: U.S. Government Printing Office, November 2000.

Risk Factors for Premature Death - Adults, Age 18+

Indicator (a)	Waukesha Co.			Wisconsin	H.P. Goal	
	2000	2003	2006	2006	2010	
Uninsured	4	3	3	9.7	0	
Risk Conditions (past three years):						
High Blood Pressure (b)	17	17	26	25.0	16	
High Blood Cholesterol (b)	13	17	26	36.0	17	
Diabetes	4	4	6	6.2	2.5	
Asthma (current)	5	6	8	8.8	--	
Regular Exercise (20+ min/day & 3 days/week) (b)	47	55	52	67.2	--	
Overweight (calculated body mass index > 25)	58	53	59	63.4	40	
Smoking (current smokers)	22	21	16	20.8	12	
Binge Drinking (5+ drinks at one time in past month)	18	16	16	24.3	6	
Eating Fruit (2+ servings/day)	--	69	68		75	
Eating Vegetables (3+ servings/day)	--	28	28		50	
Seat Belt Use - Adults (sometimes or less)	18	11	10		8	
Seat Belt Use - Children (sometimes or less)	2	6	4		0	
Bicycle Helmet Use - Adults (sometimes or less)	75	69	63		--	*
Bicycle Helmet Use - Children (sometimes or less)	43	32	29		--	*

(a) All data expressed as percent of population surveyed.

(b) Wisconsin data is from 2005 Behavioral Risk Factor Survey as no data for 2006 was available

Sources:








Aurora Health Care, Waukesha County Public Health, CUPH. **Waukesha County Community Health Study 2006.**

Aurora Health Care and Waukesha County Public Health. **Waukesha County Community Health Study. Summer 2003**

U.S. Department of Health and Human Services. Healthy People 2010. 2nd ed. With Understanding and Improving Health and Objectives for Improving Health. 2 vols. Washington, DC: U.S. Government Printing Office, November 2000.

Centers for Disease Control and Prevention (CDC). Behavioral Risk Factor Surveillance System Survey Data. Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, 2005, 2006.

Preventive Services Use - Adults, Age 18+

Indicator (a)	Waukesha Co.			Wisconsin	H.P. Goal	
	2000	2003	2006	2006	2010	
Routine Procedures:						
Medical Checkup (within past 2 years)	86	84	86	--	--	
Dental (past year)	74	80	77	76.3	--	
Vision (past year)	46	55	47	--	--	
Flu vaccination (past year)	--	34	37	--	60	
Flu vaccination (65+, past year)	--	82	74	72.0	90	
Pneumonia Vaccine (65+; ever had)	66	65	66	71.9	90	
Mammogram (females, 40+; past 2 years)	--	83	83	77.9	70	
Pap Smear (females; past 3 years)	--	93	94	86.0	90	
Colorectal Test or Screening:						
Blood Stool Test (50+, within past 2 years)	--	50	33	22.1	50	 *
Sigmoidoscopy/ Colonoscopy (50+, lifetime)	--	59	67	64.0	50	
Prostate Screening:						
PSA Test (40+, within past 2 years)	--	--	55	48.4	--	
Digital Rectal Exam (40+, within past year)	--	36	51	--	--	*

(a) All data expressed as percent of population surveyed.

Sources:

Aurora Health Care, Waukesha County Public Health, CUPH. **Waukesha County Community Health Study 2006.**

Aurora Health Care and Waukesha County Public Health. **Waukesha County Community Health Study. Summer 2003**

U.S. Department of Health and Human Services. **Healthy People 2010.** 2nd ed. With Understanding and Improving Health and Objectives for Improving Health. 2 vols. Washington, DC: U.S. Government Printing Office, November 2000.

Centers for Disease Control and Prevention (CDC). **Behavioral Risk Factor Surveillance System Survey Data.** Atlanta, Georgia: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, 2005, 2006.

WAUKESHA COUNTY HEALTH PLAN PROGRESS REPORT

In response to the 2005 Health Report Card, health and social service agencies addressed a wide range of community human service needs. As a result, various programs were launched to improve the health and well being of Waukesha County residents. Below are some examples of activities that have occurred during the last three years. Each has had an impact by raising the standard of health in Waukesha County. It is important to note that this is by no means a complete listing of activities that have been undertaken by organizations in support of a healthier Waukesha County.

Heart Healthy Waukesha County

Heart Healthy Waukesha County was a coalition launched in 2003 following a period of negative trends in heart health of Waukesha citizens as revealed in the Waukesha County Health Report Cards. The coalition of organizations was assembled to address “the big three” lifestyle behaviors that impact cardiovascular health: tobacco use, exercise and nutrition. Early efforts centered on establishing community action teams called “collaboratives” which carried out health improvement initiatives. In 2005, the community collaborative/action teams were redesigned into a “learning circle” format with a focus on worksite wellness. Between 2006 and 2008, the learning circles were guided by experts from local health systems and the Wellness Council. The first series of learning circles drew 22 members from 20 different organizations that represented worksites totaling 5,100 employees. Pre and post test evaluations revealed significant increases in knowledge and skills in leading wellness initiatives. In 2008, the products and methodologies of the initiative were incorporated into the activities of the Wisconsin Wellness Council. Although restructured, the Heart Healthy Waukesha initiative has continued its Learning Circle in Waukesha and guidance for these programs continues to be provided by the cooperative efforts of the health systems in Waukesha County. In addition, the many successes of the program are being translated into statewide efforts involving the Wellness Council, the Wisconsin Department of Health, the Medical College of Wisconsin and others.

Waukesha County Dental Needs

In April of 2005, the Waukesha County Dental Coalition was formally established to address a growing concern regarding the lack of dental care for low income people in the county. Working with a planning grant from the Medical College of Wisconsin, the coalition conducted an oral health assessment. This assessment found that 20% of 3rd grade children had untreated dental decay and among minorities 41% had untreated decay. A business plan was developed which called for a six-chair dental clinic utilizing paid dental professionals. With the help of the Waukesha Memorial Hospital Foundation, \$1.6 million was raised from the community to open a clinic in downtown Waukesha. Located in the same building as the Hispanic Community Health Resource Center and the Waukesha Family Practice Residency program, the clinic opened in the summer of 2008. After six months the clinic has logged over 1,200 patient visits, of which 75% were children.

Addressing the Needs of Victims of Sexual Assault

Early in 2006, a steering committee was assembled to explore the feasibility of establishing a service in Waukesha County to respond to the needs of sexual assault victims. Prior to this, victims either went without service or had to travel to a downtown Milwaukee service center. The steering committee took the initiative to establish a comprehensive sexual assault program with two components. The first is a program based in the Waukesha Memorial Hospital Emergency Department which utilizes sexual assault nurse examiner (SANE) trained nurses. The second program was the establishment of a Sexual Assault Response Team consisting of community partners such as other Waukesha area hospitals, the Women's Center, the District Attorney's office, law enforcement and the child advocacy center. The program commenced in the fall of 2007 after recruiting and training a dozen nurses. After 12 months of operation, the sexual assault program had served 59 victims.

Waukesha County Tobacco Free Coalition

The mission of the coalition is to improve the health of Waukesha County by partnering with residents, community organizations and businesses to reduce tobacco use and second hand smoke exposure through cessation programs, prevention efforts, health education and advocacy. Accomplishments that occurred in 2008 include the following:

- Held numerous events with national speaker, Dr. Robert Shepard, to discuss the dangers associated with secondhand smoke in the workplace and share the positive impact of statewide smoke-free air policies that protect everyone's right to breathe clean air.
- Conducted air quality testing in the Village of Menomonee Falls workplaces and compiled a report to be released in early 2009.
- Partnered with Carroll University as they developed their Tobacco Free Campus policy which will be fully implemented on August 1, 2009.
- Collaborated with St. Anthony's 8th grade class to educate and train new advocates in the Fighting Against Corporate Tobacco (FACT) movement.

Waukesha County Public Health 2008 Immunization Campaign

In April of 2008, the Waukesha County Public Health Division selected the Menomonee Falls community to carry out a childhood immunization campaign to raise two year old child immunizations. The September 2007 Wisconsin Immunization Registry report showed that only 51.3 % of the Menomonee Falls two year old children were up-to-date with recommended childhood immunizations. With the help of the Menomonee Falls Rotary Club, the village-elected officials and many other Menomonee Falls community partners, a successful childhood immunization campaign was carried out between April 19- 26, 2008 entitled "Menomonee Falls Immunization Week". The campaign raised two-year old childhood immunization rates from 51.3 % to 64.2 %, showing a 12.9 % increase. Waukesha County Public Health Division plans on carrying out this successful immunization campaign in other parts of Waukesha County.

2007–08 Cardiovascular Risk Reduction Initiative **Waukesha County Latino Population**

The Waukesha County Hispanic population increased 29% between the years 2000 and 2006. It is now home to an estimated 12,267 Hispanic-Latinos. While excessive weight is a risk factor that affected approximately 56% of Wisconsin adults in the year 2000, the State of Wisconsin Department of Health Services estimated that 59% of all Hispanic-Latinos were overweight (including 28% that were identified as being obese). In addition, the 2000 Women, Infant, and Children Program (WIC) identified a 13.3% rate of children being overweight among the 2-4 years of age group, while Hispanic-Latino children had an overweight rate of 18.1%.

In 2007, the Waukesha County Public Health Division and Waukesha Memorial Hospital initiated a Cardiovascular Risk Reduction Program directed toward Waukesha County Latino families with State of Wisconsin grant funding. An eight-week nutrition education and physical exercise program was developed to reduce dangerous cardiovascular risk factors of obesity, elevated cholesterol and triglycerides. The 2007-08 outcome from this program demonstrated major improvements in the risk factors leading to cardiovascular disease. Enrolled adults significantly decreased their weight and showed a 67% improvement in total cholesterol and triglycerides. As a result of the program success, the State of Wisconsin has extended the grant through 2010 and has identified this initiative as a State of Wisconsin model program.

2007 City of Waukesha: “Lead-Safe Zone” **Childhood Lead Poisoning Prevention Project**

In 2007, the Waukesha County Family Wellness Collaborative: Childhood Lead Poisoning Prevention Coalition of Community Partners launched the “Lead-Safe Zone” project in the City of Waukesha. The intent of the project was to raise community awareness of the danger of child lead poisoning due to children living in homes identified as high risk for such lead poisoning of children. An aggressive child lead poisoning prevention campaign of education and lead screening was conducted in the City of Waukesha, Haertel Field area. Homes in this area were built prior to 1950 and contain high concentrations of lead-based paint. The project outcome proved highly successful as measured by residents’ increase in knowledge of the dangers of childhood lead poisoning in their geographic area. This was measured on pre and post test surveys. Additionally, the Waukesha County Public Health Division lead screening program observed a significant increase in lead screens of children living in the City of Waukesha, Haertel Field area.

NOTES

