

Missouri Public Health System *at a Glance*



Health Profile for Butler, Dunklin, New Madrid, Pemiscot, Ripley, Stoddard, and Wayne Counties

Many health indicators in these counties are worse than those in the state of Missouri as a whole. For example, compared with the entire state of Missouri, the death rate due to stroke is 19% higher; death rates due to colorectal and lung cancers are 25% and 28% higher, respectively; the infant death rate is 21% higher. Alarming, the death rate due to motor vehicle accidents in the counties is more than two times and nearly three times the state and national rates, respectively. Also, the hospitalization rate of alcohol- and substance-related mental disorders is 64% higher than the state rate; the teen birth rate among girls aged 15-17 years is almost twice as high as the state and national rates.

The asthma hospitalization rate among children in the counties is more than twice the rate for Missouri as a whole. Specifically, of all counties in Missouri, Dunklin County has the highest 5-year (2001-2005) average rate of asthma hospitalizations among children under 15 years of age (111.1 per 10,000 for Dunklin County vs. 23 per 10,000 for the entire state).

Among the health risk behaviors, adults in the counties are 42% less likely to exercise and 33% more likely to be current smokers than all Missouri adults; the utilization of the pap test and sigmoidoscopy is lower in the counties. Furthermore, the rate of smoking during pregnancy in the counties is 62% higher than the state rate and almost three times as high as the national rate (see table below).

Butler, Dunklin, New Madrid, Pemiscot, Ripley, Stoddard, and Wayne Counties

	Counties	MO	US	Year
Diseases and Conditions				
Age-Adjusted Death Rate (per 100,000)				
Chronic Lower Respiratory Diseases	51.2	44.1	41.1	2004
Heart Disease	286.0	246.4	217.0	2004
Stroke	66.2	55.5	50.0	2004
Diabetes	26.2	23.6	24.5	2004
Cancer				
Trachea/Bronchus/Lung	78.9	61.7	54.1	2003
Colorectal	24.7	19.7	19.1	2003
Breast (Females)	28.1	26.6	25.3	2003
Motor Vehicle Accidents	43.1	20.7	15.3	2003
Age-Adjusted Hospitalization Rate of Alcohol- and Substance-Related Mental Disorders (per 10,000)	22.4	13.7	-	2005
Asthma Hospitalizations Among Children Aged Under 15 Years (per 10,000)	49.7	22.4	-	2005

	Counties	MO	US	Year
Diseases and Conditions (continued)				
Infant Death Rate (per 1,000 live births)	9.1	7.5	6.8	2004
Low Birth Weight (per 100 live births)	9.5	8.3	8.1	2004
Birth Rate Among Teen Girls Aged 15-17 Years (per 1,000)	43.6	21.9	22.1	2004
Risk Factors (%)				
No Exercise Among Adults Aged 18+ Years	34.1	24.0	23.1	2003
Current Smoker Among Adults Aged 18+ Years	36.1	27.2	22.0	2003
Smoking During Pregnancy	29.4	18.1	10.2	2004
Obesity (BMI \geq 30) Among Adults Aged 18+ Years	25.8	23.6	22.8	2003
Live Births to Women With Pre-Pregnancy Overweight	41.2	38.5	-	2005
Cancer Screening				
No Mammogram in the Past Two Years Among Women Aged 40+ Years	31.2	31.1	25.4	County: 2003 MO, US: 2004
No PapTest in the Past Three Years Among Women Aged 18+ Years	19.8	15.2	14.1	County: 2003 MO, US: 2004
No Sigmoidoscopy or Colonoscopy Among Adults Aged 50+ Years	55.1	47.2	47.0	County: 2003 MO, US: 2004

Selected Public Health Activities in Butler, Dunklin, New Madrid, Pemiscot, Ripley, Stoddard, and Wayne Counties

Cancer Screening

Missouri's Show Me Healthy Women Program (SMHW) provides free breast and cervical cancer screenings to women meeting age, income, and residency criteria throughout the state. Health care providers delivering the SMHW services within these counties can be located through a clickable county map at www.dhss.mo.gov/BreastCervCancer/ProviderList/ProviderListMap.html.

Health Disparities Collaborative

The National Health Disparities Collaborative (NHDC) is dedicated to eliminating health disparities for different minority populations, poor people, and women. The federally qualified health centers (FQHCs) enroll in the NHDC and implement disease management activities to reduce the secondary complications related to diabetes and cardiovascular disease. FQHCs participating in the diabetes health disparities collaborative located in the counties are through the Southeast Missouri Health Network (main site in New Madrid County and other sites in Dunklin and Stoddard Counties).

Dunklin County Asthma Initiative

Missouri Asthma Prevention and Control Program (MAPCP) does not provide direct funding to the communities for these asthma interventions. Existing community resources are utilized and enhanced through MAPCP and its partners by providing planning assistance; training of school nurses, primary care physicians and other health professionals; environmental assessments; and other technical assistance as needed. This initiative plans to institutionalize the asthma interventions at a grass-roots level to increase the probability of sustaining the project over time.

Tobacco Smoking

The Missouri Tobacco Quitline offers telephone counseling and resource materials to help Missourians stop tobacco use. The Quitline number is 1-800-QUIT-NOW (1-800-784-8669).

Missouri Model for Brief Smoking Cessation Intervention trains health care professionals throughout the state in the 5A's technique as a means to reduce smoking among pregnant and women of child-bearing age.

The Tobacco Control Program of the Missouri Department of Health and Social Services promotes and assists employers, owners of public places, schools and hospitals to adopt policies of smokefree workplace, public place, and campus. The program also provides support for building youth advocacy groups to discourage smoking and to advocate tobacco control policies.

Fetal Alcohol Syndrome (FAS)

The Missouri Fetal Alcohol Syndrome Rural Awareness and Prevention Project (MOFASRAPP) aims to develop and implement an integrated systems framework for prevention of and surveillance for alcohol-exposed pregnancies and FAS. Women 18-44 years of age looking for help in cutting down or quitting drinking can call a toll-free number (1-800-645-6164) for the Self-Guided Change phone and mail intervention. These counties are within the areas covered by the project.

Home Visitation

The Building Blocks of Missouri program is a prenatal and early childhood nurse home visitation program that promotes healthy and safe parenting and home environment. The program services are available in Dunklin, New Madrid, and Stoddard Counties, and delivered through Southeast Missouri Hospital Home Health.

The Missouri Community-Based Home Visiting (MCBHV) Program utilizes nurses and paraprofessionals and provides intensive sustained visits and community services to address the needs of families who are most at risk of infant mortality or morbidity, and child abuse or neglect. New Madrid County is within the MCBHV services area.

Youth Health

Missouri's Federal Abstinence Education Program directly supports abstinence education throughout the state to delay sexual activity until marriage and to decrease out-of-wedlock pregnancy and frequency of sexually transmitted diseases among adolescents. The program reaches approximately 30,000 adolescents and their parents annually.