

Missouri Public Health System *at a Glance*



Health Profile for Senate District 33 (Camden, Howell, Laclede, Oregon, Shannon, Texas, Wright Counties)

Many population health indicators in Senate District 33 are worse than those of the state of Missouri as a whole. For example, compared with the entire state of Missouri, the hospitalization rate of alcohol- and substance-related mental disorders and the death rates due to lung cancer and heart disease are 18%, 19%, and 21% higher; teen birth rate among girls 15-17 years of age and infant death rate are 19% and 40% higher. Alarmingly, the death rate due to motor vehicle accidents in the District is 79% higher than the state rate and more than twice the national rate.

Among the health risk factors, adults in the District are 23% less likely to exercise while 13% are more likely to be obese than all adults statewide. Pregnant women in the District are 37% more likely to smoke than all pregnant women statewide and more than twice as likely to smoke as pregnant women nationwide. The utilization of Pap test and Sigmoidoscopy in the District is much less than both the state and national levels (see table below).

Senate District 33 (Camden, Howell, Laclede, Oregon, Shannon, Texas, Wright)

	Senate District 33	MO	US	Year
Diseases and Conditions				
Age-Adjusted Death Rate (per 100,000)				
Chronic Lower Respiratory Diseases	45.4	44.1	41.1	2004
Heart Disease	297.1	246.4	217.0	2004
Stroke	56.6	55.5	50.0	2004
Cancer				
Trachea/Bronchus/Lung	73.5	61.7	54.1	2003
Breast (Females)	27.7	26.6	25.3	2003
Motor Vehicle Accidents	37.1	20.7	15.3	2003
Age-Adjusted Hospitalization Rate of Alcohol- and Substance-Related Mental Disorders (per 10,000)	16.1	13.7	-	2005
Infant Death Rate (per 1,000 live births)	10.5	7.5	6.8	2004
Low Birth Weight (per 100 live births)	8.6	8.3	8.1	2004
Birth Rate Among Teen Girls Aged 15-17 Years (per 1,000)	26.1	21.9	22.1	2004

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	Senate District 33	MO	US	Year
Risk factors (%)				
No Exercise Among Adults Aged 18+ Years	29.4	24.0	23.1	2003
Current Smoker Among Adults Aged 18+ Years	26.9	27.2	22.0	2003
Smoking during Pregnancy	24.8	18.1	10.2	2004
Obesity (BMI \geq 30) Among Adults Aged 18+ Years	26.7	23.6	22.8	2003
Cancer Screening				
No Mammogram in the Past Two Years Among Women Aged 40+ Years	32.4	31.1	25.4	District: 2003 MO, US: 2004
No PapTest in the Past Three Years Among Women Aged 18+ Years	23.6	15.2	14.1	District: 2003 MO, US: 2004
No Sigmoidoscopy or Colonoscopy Among Adults Aged 50+ Years	58.9	47.2	47.0	District: 2003 MO, US: 2004

Selected Public Health Activities, Senate District 33 (Camden, Howell, Laclede, Oregon, Shannon, Texas, Wright 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 Senate District 33 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 District are through the Southern Missouri Community Health Center (main site in Howell County and another site in Oregon County) and Missouri Ozarks Community Health site in Wright County (main site in Douglas County).

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 childbearing age.

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. Senate District 33 is within the areas covered by the project.

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.

Communicable Diseases

Several outbreaks of communicable disease have been identified and managed by the local public health agencies in collaboration with the Missouri Department of Health and Senior Services. For example, Camden County implemented prompt investigation and control of an invasive Strep A outbreak in a nursing home, and foodborne illnesses in the lake area. Camden County also did two television interviews this year on tickborne illness prevention.