

Missouri Public Health System *at a Glance*



Health Profile for Andrew, Buchanan and Platte Counties

Several population health indicators in Andrew, Buchanan and Platte Counties are worse than those of the state of Missouri as a whole. For example, compared with the entire state of Missouri, the death rates due to chronic lower respiratory diseases and diabetes are 42% and 43% higher, respectively. Compared with the national level, the death rate of lung cancer in the counties is 20% higher. The hospitalization rate of alcohol- and substance-related mental disorders in the counties is 10% higher, and the rate of asthma hospitalizations among children aged 1-4 years is 17% higher, compared with the state level.

Adult smoking prevalence in the counties is 6% higher than the state level, and 31% higher than the national level. Pregnant women in the counties are 12% more likely to smoke than those in the state as a whole and twice as likely to smoke as those in the nation (see table below).

Andrew, Buchanan and Platte Counties

	Andrew, Buchanan and Platte	MO	US	Year
Diseases and Conditions				
Age-Adjusted Death Rate (per 100,000)				
Chronic Lower Respiratory Diseases	62.8	44.1	41.1	2004
Stroke	56.6	55.5	50.0	2004
Diabetes	33.7	23.6	24.5	2004
Cancer				
Trachea/Bronchus/Lung	65.0	61.7	54.1	2003
Colorectal	20.0	19.7	19.1	2003
Age-Adjusted Hospitalization Rate of Alcohol- and Substance-Related Mental Disorders (per 10,000)	15.1	13.7	-	2005
Asthma Hospitalizations Among Children Aged 1-4 Years (per 10,000)	45.0	38.3	-	2005
Infant Death Rate (per 1,000 live births)	7.1	7.5	6.8	2004
Risk factors (%)				
Current Smoker Among Adults Aged 18+ Years	28.8	27.2	22.0	2003
Smoking During Pregnancy	20.2	18.1	10.2	2004
Cancer Screening				
No Mammogram in the Past Two Years Among Women Aged 40+ Years	28.5	31.1	25.4	County: 2003 MO, US: 2004
No Pap Test in the Past Three Years Among Women Aged 18+ Years	15.3	15.2	14.1	County: 2003 MO, US: 2004
No Sigmoidoscopy or Colonoscopy Among Adults Aged 50+ Years	49.0	47.2	47.0	District: 2003 MO, US: 2004

Selected Public Health Activities in Andrew, Buchanan, and Platte 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 Buchanan and Platte Counties can be located through a clickable county map at www.dhss.mo.gov/BreastCervCancer/ProviderList/ProviderListMap.html.

Heart Disease and Stroke

Well-Integrated Screening and Evaluation for Women Across the Nation (WISEWOMAN) program helps underinsured, low-income women aged 40-64 years gain access to health screenings and lifestyle education that can reduce the risk of heart disease and stroke. The health care providers delivering WISEWOMAN services within Buchanan County are Social Welfare Board and the Family Guidance Center in St. Joseph.

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. Northwest Health Services, Inc. located in Buchanan County with another site in Andrew County participate in the diabetes health disparities collaborative.

Asthma

The Asthma Program has trained over 300 school nurses and 100 child care consultants throughout the state who provide education to children with asthma and their families. The funding from the Centers for Disease Control and Prevention (CDC) provide less than \$.50/year for each child with asthma in Missouri. There has not been funding to train physicians or establish regional systems for care of children with asthma.

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.

Nutrition and Physical Activity Program

St. Joseph/Buchanan County is the intervention site for the CDC cooperative agreement. Plan 2B Healthy is an intervention to promote increased intake of fruits and vegetables for women over 50 in the area. In addition, focus groups have been held about barriers to breastfeeding.

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 Platte County through Truman Care Home Health in Kansas City.

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. Platte County is within the MCBHV services area.

Communicable Diseases

Over the past few years, outbreaks of diseases like pertussis, salmonellosis, shigellosis, cryptosporidiosis, tick-borne illnesses, and other food-borne illnesses have been identified and managed by the local health agencies in collaboration with the Missouri Department of Health and Senior Services.