

Missouri Public Health System *at a Glance*



Health Profile for Boone and Randolph Counties

In general, the health status of the population in Boone and Randolph Counties is comparable to or better than that of the entire state of Missouri. However, there are a few notable health disparities. For example, the age-adjusted death rate due to motor vehicle accidents is about 7% higher than the entire state of Missouri, and 44% higher compared with the national statistic. The counties have an approximately 15% higher age-adjusted hospitalization rate of diseases of bone-connective tissue-muscle. Also, the adult smoking rate in the two counties is 13% higher than the state of Missouri as a whole and 40% higher than the U.S. rate (see Table below).

| Boone and Randolph Counties | | | | |
|---|---------------------------|-----------|-----------|-------------|
| | Boone and Randolph | MO | US | Year |
| Diseases and Conditions | | | | |
| Age-Adjusted Death Rate (per 100,000) | | | | |
| Motor Vehicle Accidents | 22.1 | 20.7 | 15.3 | 2003 |
| Age-Adjusted Hospitalization Rate of Diseases of Bone-Connective Tissue-Muscle (per 10,000) | 81.0 | 70.3 | - | 2005 |
| Risk factors (%) | | | | |
| Current Smoker Among Adults Aged 18+ Years | 30.7 | 27.2 | 22.0 | 2003 |

Selected Public Health Activities in Randolph and Boone 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 located in Boone County can be found at www.dhss.mo.gov/BreastCervCancer/ProviderList/ProviderListMap.html.

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).

Home Visitation

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. Boone and Randolph counties are within the MCBHV services areas.

Communicable Diseases

Several outbreaks of communicable disease have occurred in Boone and Randolph counties over the past few years, and have been identified and managed by the local public health agencies in collaboration with the Missouri Department of Health and Senior Services. For example,

- Multiple cases and outbreaks of Tuberculosis (often involving students, faculty and staff at the University of Missouri at Columbia) have occurred over the last few years;
- Numerous cases and outbreaks of Pertussis and Mumps have affected the area, but were promptly reported, investigated and managed;
- Numerous food-borne and other gastrointestinal diseases like *E. coli*, Salmonellosis, Shigellosis, Hepatitis A, etc. are reported and managed throughout the year;
- Boone County has an outstanding performance on preparedness for bioterrorism and pandemic influenza.