

# Missouri Public Health System *at a Glance*



## Health Profile for Dade, Jasper, and Newton Counties

Many population health indicators in Dade, Jasper, and Newton 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, diabetes, heart disease, and lung cancer are 35%, 23%, 11%, and 4% higher. Death rate due to motor vehicle accidents is 22% higher than the Missouri rate and 65% higher than the U.S. rate. Teen birth rate (among girls aged 15-17 years) is 22% higher than the Missouri rate.

Among the health risk factors, the percentage of adults with no exercise is 10% higher, while obesity rate is 11% higher in the counties compared with the state as a whole. Smoking rate during pregnancy in the counties is 20% higher than women in state as a whole and more than twice as high as women in the nation as a whole. Also, compared with the state as a whole, adult women in the counties are 63% less likely to have a Pap Test during the past three years, whereas adult men in the counties are 11% less likely to have Sigmoidoscopy in the past three years (see Table below).

### Dade, Jasper, and Newton Counties

	Dade, Jasper and Newton	MO	US	Year
<b>Diseases and Conditions</b>				
Age-Adjusted Death rate (per 100,000)				
Chronic Lower Respiratory Diseases	59.4	44.1	41.1	2004
Diabetes	29.1	23.6	24.5	2004
Heart Disease	273.6	246.4	217.0	2004
Cancer of trachea/bronchus/lung	64.2	61.7	54.1	2003
Motor Vehicle Accidents	25.2	20.7	15.3	2003
Age-Adjusted Hospitalization Rate of Diseases of Bone-Connective Tissue-Muscle (per 10,000)	81.6	70.3	-	2005
Birth Rate among Teen Girls Aged 15-17 years (per 1,000)	26.8	21.9	22.1	2004
<b>Risk factors (%)</b>				
No Exercise among adults aged 18+ years	26.4	24.0	23.1	2003
Current Smoker among adults aged 18+ years	26.9	27.2	22.0	2003
Smoking During Pregnancy	21.8	18.1	10.2	2004
Obesity (BMI $\geq$ 30) among adults aged 18+ years	26.2	23.6	22.8	2003
Live Births to Women with Pre-Pregnancy Overweight	39.3	38.5	-	2005

	Dade, Jasper and Newton	MO	US	Year
<b>Risk factors (%) (continued)</b>				
Cancer Screening				
No Mammogram in the Past Two Years among Women Aged 40+ Years	29.7	31.1	25.4	County: 2003 MO, US: 2004
No PapTest in the Past Three Years among Women Aged 18+ Years	24.8	15.2	14.1	County: 2003 MO, US: 2004
No Sigmoidoscopy or Colonoscopy among Adults Aged 50+ Years	52.6	47.2	47.0	County: 2003 MO, US: 2004

## Selected Public Health Activities in Dade, Jasper, and Newton 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 Dade and Jasper Counties can be located through a [Clickable County Map](#).

### 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. Ozark Tri-County Health Care Consortium located in Newton County participated in the diabetes health disparities collaborative.

### Tobacco Smoking

**The Missouri Tobacco Quitline** offers telephone counseling and resource materials to help Missourians stop tobacco use. 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.

### 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.

The Nutrition and Physical Activity Program provides technical assistance to a local group working on childhood obesity in Jasper and Newton Counties.