

Overall Rank: 44

Change: ▲4

Determinants Rank: 42

Outcomes Rank: 45

Strengths:

- Low prevalence of binge drinking
- High immunization coverage
- Low geographic disparity within the state

Challenges:

- High prevalence of smoking
- High prevalence of obesity
- High violent crime rate

Significant Changes:

- In the past year, the rate of preventable hospitalizations decreased by 6%
- In the past five years, the rate of deaths from cardiovascular disease declined by 12%
- In the past ten years, the prevalence of obesity increased by 63%
- Since 1990, the prevalence of smoking decreased by 25%

Ranking: Tennessee is 44th this year; it was 48th in 2008.

Strengths: Strengths include a low prevalence of binge drinking at 9.8 percent of the population, high immunization coverage with 83.1 percent of children ages 19 to 35 months receiving complete immunizations, low geographic disparity within the state at 9.5 percent, moderate public health funding at \$83 per person and ready availability of primary care physicians with 122.0 primary care physicians per 100,000 population.

Challenges: Challenges include a high prevalence of smoking at 23.1 percent of the population, a high prevalence of obesity at 31.2 percent of the population, a high rate of preventable hospitalizations with 91.9 discharges per 1,000 Medicare enrollees, a high violent crime rate at 722 offenses per 100,000 population and a high infant mortality rate at 8.8 deaths per 1,000 live births.

Significant Changes:

- ▼ In the past year, the rate of preventable hospitalizations decreased from 97.8 to 91.9 discharges per 1,000 Medicare enrollees.

▼ In the past five years, the rate of deaths from cardiovascular disease decreased from 384.1 to 338.1 deaths per 100,000 population.

▲ In the past ten years, the prevalence of obesity increased from 19.2 percent to 31.2 percent of the population.

▼ Since 1990, the prevalence of smoking decreased from 30.8 percent to 23.1 percent of the population.

Health Disparities: In Tennessee, obesity is more prevalent among non-Hispanic blacks at 40.3 percent than non-Hispanic whites at 28.2 percent. The prevalence of diabetes also varies by race and ethnicity in the state; 12.7 percent of non-Hispanic blacks have diabetes compared to 11.0 percent of non-Hispanic whites. In addition, mortality rates vary in Tennessee, with 1,139.6 deaths per 100,000 population among blacks compared to whites, who experience 918.9 deaths per 100,000 population.

State Health Department Web Site:

www.state.tn.us/health

DETERMINANTS	2009		NO. 1 STATE
	VALUE	RANK	
BEHAVIORS			
Prevalence of Smoking (Percent of population)	23.1	45	9.3
Prevalence of Binge Drinking (Percent of population)	9.8	3	9.0
Prevalence of Obesity (Percent of population)	31.2	47	19.1
High School Graduation (Percent of incoming ninth graders)	70.6	38	87.5
COMMUNITY & ENVIRONMENT			
Violent Crime (Offenses per 100,000 population)	722	48	118
Occupational Fatalities (Deaths per 100,000 workers)	5.8	31	3.1
Infectious Disease (Cases per 100,000 population)	18.7	39	2.4
Children in Poverty (Percent of persons under age 18)	21.6	40	8.6
Air Pollution (Micrograms of fine particles per cubic meter)	13.0	40	4.8
PUBLIC & HEALTH POLICIES			
Lack of Health Insurance (Percent without health insurance)	14.7	30	5.4
Public Health Funding (Dollars per person)	\$83	19	\$220
Immunization Coverage (Percent of children ages 19 to 35 months)	83.1	4	85.0
CLINICAL CARE			
Prenatal Care (Percent of pregnant women)*	64	—	—
Primary Care Physicians (Number per 100,000 population)	122.0	18	190.0
Preventable Hospitalizations (Number per 1,000 Medicare enrollees)	91.9	46	29.3
ALL DETERMINANTS			
	-0.30	42	0.83
HEALTH OUTCOMES			
Poor Mental Health Days (Days in previous 30 days)	3.6	35	2.2
Poor Physical Health Days (Days in previous 30 days)	4.4	48	2.7
Geographic Disparity (Relative standard deviation)	9.5	16	4.3
Infant Mortality (Deaths per 1,000 live births)	8.8	46	4.8
Cardiovascular Deaths (Deaths per 100,000 population)	338.1	45	212.6
Cancer Deaths (Deaths per 100,000 population)	215.0	46	144.7
Premature Death (Years lost per 100,000 population)	9,487	45	5,595
ALL HEALTH OUTCOMES			
	-0.18	45	0.35
OVERALL			
	-0.48	44	1.06

— indicates data not available. *See measure description for full details.

ECONOMIC ENVIRONMENT	
Unemployment Rate (Aug 2009)	10.8%
Underemployment Rate (2008)	11.4%
Median Household Income (2008)	\$39,702

