

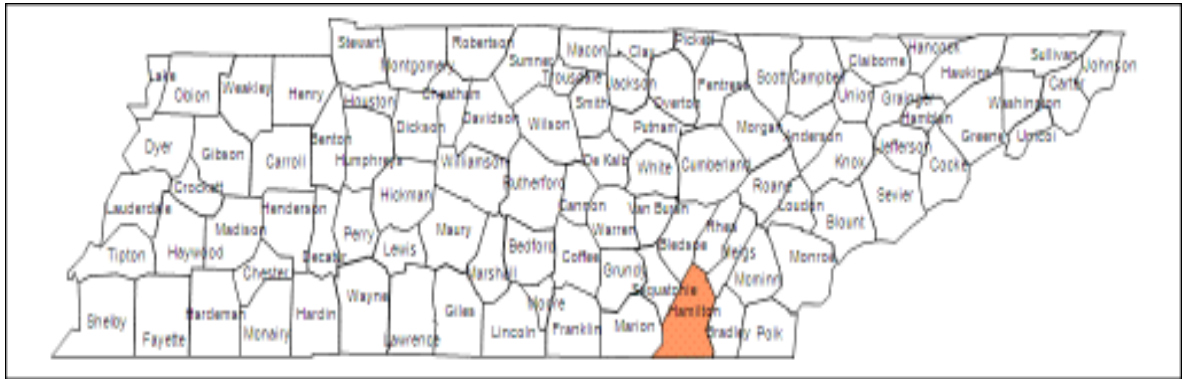
HAMILTON

TENNESSEE INSTITUTE OF PUBLIC HEALTH

How to Read Indicators:

- Strength
- Challenge

Strength: Top 25%
Challenge: Bottom 25%



MORTALITY RANK: 15

The mortality index measures levels of premature death indicated by years of potential life lost per 100,000 individuals.

- LOCAL HEALTH AT GLANCE::**
- STRENGTHS**
- Dentists
 - Medical Doctors
 - Smoking During Pregnancy
- CHALLENGES**
- Air Respiratory Risk
 - High School Grad Rate
 - Air Cancer Risk

Health Outcomes

	Data Year	HAMILTON	Tennessee	Rank
Mortality (years of potential life lost per 100,000 population)	2007	469.1	485.7	15
Low Birth Weight (%)	2007	12.0%	9.4%	92
General Health Status (% fair/poor health) *	2007	21.4%	20.5%	17

Health Determinants

Health Care

No Health Insurance (%) *	2007	11.6%	14.7%	13
Doctors per 100,000 population	2007	261	173	6
Dentists per 100,000 population	2007	62	43	4
Without pneumococcal vaccinations (%) *	2007	76.4%	74.3%	81
Without influenza vaccinations for the last 12 months(%) *	2007	60.9%	58.5%	70
No diabetic eye exams (%)	2007	47.3%	53.6%	13
No diabetic lipid profile (%)	2007	20.2%	18.9%	70
No diabetic HbA1c testing (%)	2007	12.6%	12.3%	59
No mammography within past 2-year Women Aged*50+ (%)	2007	20.0%	19.7%	50

Health Behaviors

Cigarette smoking (%) *	2007	22.6%	24.3%	5
Mothers smoking during pregnancy (%)	2007	16.2%	19.4%	8
Physical inactivity (% of no exercise for a month)	2007	29.3%	31.5%	15
Overweight/Obesity (% BMI > 30) *	2007	63.5%	67.4%	4
Low fruit and veg consumption (% <5 fruit/veg a day) *	2007	32.0%	34.2%	15
Binge drinking (%) *	2007	8.5%	9.0%	71
Teen birth rate per (1,000 females aged 15-19)	2007	66	66	56
Sexually transmitted diseases (per 10,000 population)	2005-07	76	58	89
Violent crime (per 10,000 population)	2007	1,141	1,034	86
Motor vehicle crash deaths (per 10,000 population)	2007	1.3	2.0	14

Socioeconomic Factors

High school graduation rate (%)	2006-07	72.6%	82.5%	94
Population (age 18-64) with high school diploma or above (%)	2000	83.5%	74.9%	9
Unemployment rate (%)	Dec, 2008	6.5%	7.9%	9
Children (age 0-17) in poverty ratio (%)	2007	20.0%	18.0%	18
Divorce rate (per 1,000 population)	2007	4.3	4.4	45
Percent of own children in single-parent households	2000	26.5%	24.9%	88

Physical Environment

Air quality cancer risk (per 1,000,000)	2002	52.7	20.6	93
Air quality hazard index (per 1,000,000)	2002	5.7	1.6	94
Air quality - fine particulate matter in air (Mg/ m3) *	2005-07	15.2	13.9	93
Ozone level (ppb) *	2005-07	0.084	0.082	90
Nitrate levels in drinking water (mg/L)	2006-08	1.30	1.25	63
Pre-1950 housing (%)	2000	18.5%	14.3%	78
Lead poisoned children (%)	2007	0.3%	0.3%	57

* Regional Data

Data Dictionary

No.	Data Element	Description	Data Year	Source
Health Outcomes				
1	Mortality (YPLL) ¹	Years of Potential Life Lost to age 75 (YPLL-75) per 100,000 population	2007	TDH
2	Low Birth Weight ¹	% of children born weighing less than 2,500 grams (5 pounds, 8 ounces)	2007	TDH
3	General health status (% Fair or Poor Health)	% of people reporting fair or poor health in BRFSS	2007	BRFSS
Health Determinants				
Health Care				
4	No health insurance	The percentage of population without health care coverage of any kind, including prepaid plans, HMOs, or government plans such as Medicare.	2007	BRFSS
5	Medical doctors per capita	Number of licensed, practicing medical doctors per 100,000 population by county of practice. Data represent the last day of the last month of each calendar year.	2007	Kids Count
6	Dentists per capita	Number of licensed, practicing dentists per 100,000 population by county of practice. Data represent the last day of the last month of each calendar year.	2007	Kids Count
7	Pneumococcal vaccinations	Percent of people who did not receive pneumonia vaccine	2007	BRFSS
8	Influenza vaccinations	% of population who had not had a flu shot during the past 12 months	2007	BRFSS
9	Diabetic eye exams	% of Medicare patients who received Diabetic eye exams	2007	QSource
10	Diabetic lipid profile	% of Medicare patients who received Diabetic lipid profile	2007	QSource
11	Diabetic HbA1c testing	% of Medicare patients who received Diabetic HbA1c testing	2007	QSource
12	Biennial mammography	% of women aged 50 and above who did not receive a mammogram within the past two years	2007	BRFSS
Health Behaviors				
13	Cigarette smoking	% of populations who are at-risk smokers (Smoke some days or everyday)	2007	BRFSS
14	Smoking during pregnancy	% of births given by smoking mothers to total number of births	2007	TDH
15	Physical inactivity	% of adult population who did not exercise during the past month of the survey	2007	BRFSS
16	Overweight and obesity	% of adult population who are overweight or obese (body mass index greater than 25)	2007	BRFSS
17	Low fruit and vegetable consumption	% of adult population who consume fewer than 3 servings of fruits and/or vegetables per day	2007	BRFSS
18	Binge drinking	% adult population who had at least one alcohol drinking binge ² during the past 30 days	2007	BRFSS
19	Teen birth rate	Births per 1000 Females 15-19	2007	TDH
20	Sexually transmitted disease	Rate of reported cases of Sexually Transmitted Diseases per 100,000 population	2005-07	TDH
21	Violent crime	Crime reports per 100,000 population	2007	TBI
22	Motor vehicle crash deaths	Number of Vehicle Crash Fatalities per 100,000 population	2007	TNDS
Socioeconomic Factors				
23	High school graduation rate	% of senior students at the beginning of school year who graduated a year after	2006-07	TDE
24	Level of educator ¹	% of 18-64 year olds with high school diploma	2000	ENI
25	Unemployment	% of workforce population who are not currently employed	Dec, 2008	TDLWD
26	Children in poverty	% of children (under 18) who are in poverty	2007	Census
27	Divorce rate	Rate of divorce cases per 1,000 population	2007	TDH
28	Single Parent	% of Own Children in Single-parent Households	2000	Kids Count
Physical Environment				
29	Air quality cancer risk	Estimated lifetime cancer risk due to inhalation of air pollutants based on EPA modeling of emissions	2002	EPA
30	Air quality hazard index	Estimated respiratory risk due to inhalation of air pollutants based on EPA modeling of emissions	2002	EPA
31	Fine particle matter in air	Average of three years data on PM2.5 was available for monitoring sites in 16 counties	2005-07	TDEC
32	Ozone level	Annual fourth-highest daily maximum 8-hour ozone concentration, expressed in parts per million, averaged over three years. Data was used from 32 monitoring locations in Tennessee	2005-07	TDEC
33	Nitrate level in water >2	Presence of nitrates in drinking water (mg/L)	2006-08	TDWS
34	Housing built before 1950	% of housing units built before 1950	2000	Census
35	Lead poisoned children	% of Tennessee children 6 years old and younger confirmed elevated by blood lead level	2007	TDH

Notes: 1. Data that also includes weighting factors that incorporate Health Disparities by race. 2. Males having five or more drinks on one occasion, females having four or more drinks on one occasion

Data Sources:

TDH - Tennessee Department of Health; **BRFSS** - Behavioral Risk Factor Surveillance Survey; **QSource** - <http://www.qsource.org/>; **TBI** - Tennessee Bureau of Investigation
TDE - Tennessee Department of Education; **ENI** - Educational Need Index. <http://www.educationalneedsindex.com>; **TDLWD** - Tennessee Department of Labor & Workforce Development
Kids Count - <http://www.kidscount.org>; Census - U.S. Census Bureau; **EPA** - U.S. Environmental Protection Agency; **TDEC** - Tennessee Department of Environment & Conservation