

# Smoke-Free Coalition

3 May 2010

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## Mississippi Tobacco Data



MISSISSIPPI STATE  
UNIVERSITY™



# Cigarette Smoke is a Toxic Air Contaminant

Secondhand tobacco smoke is in the same category as the most toxic automotive and industrial air pollutants

- California EPA

There is No Safe Level of Exposure to Secondhand Smoke

- US Surgeon General

# What is secondhand smoke?

Contains more than 4,000 chemical compounds, of which at least 43 are known carcinogens, including:

- Carbon monoxide (auto exhaust)
- Tar (roofing)
- Nicotine (insecticide)
- Acetone (nail polish remover)
- Toluene (industrial solvent)
- Formaldehyde (preservative for dead bodies)
- Phenol (disinfectant)
- Benzene (industrial solvent)
- Benzopyrene (diesel exhaust)
- Hydrogen cyanide ( gas chamber poison)
- Arsenic (rat poison)
- DDT (insecticide)

# Long Term Harms

- Coronary heart disease
- Lung cancer
- Nasal sinus cancer

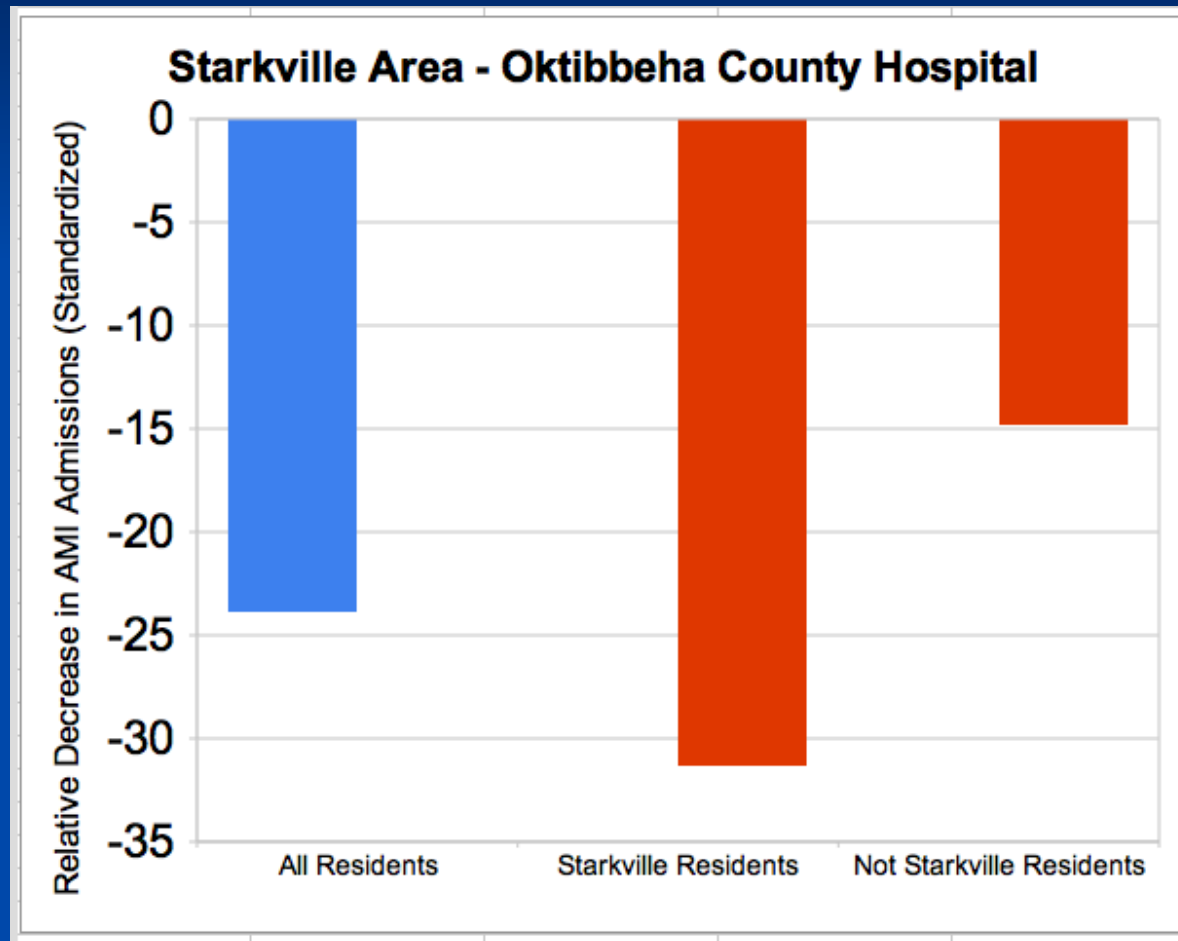
# Immediate Harms of SHS

- SIDS
- Low birth weight rate
- Ear infections
- Lower respiratory illness in children
- Acute respiratory infections
- More severe asthma
- Impacts cardiovascular system

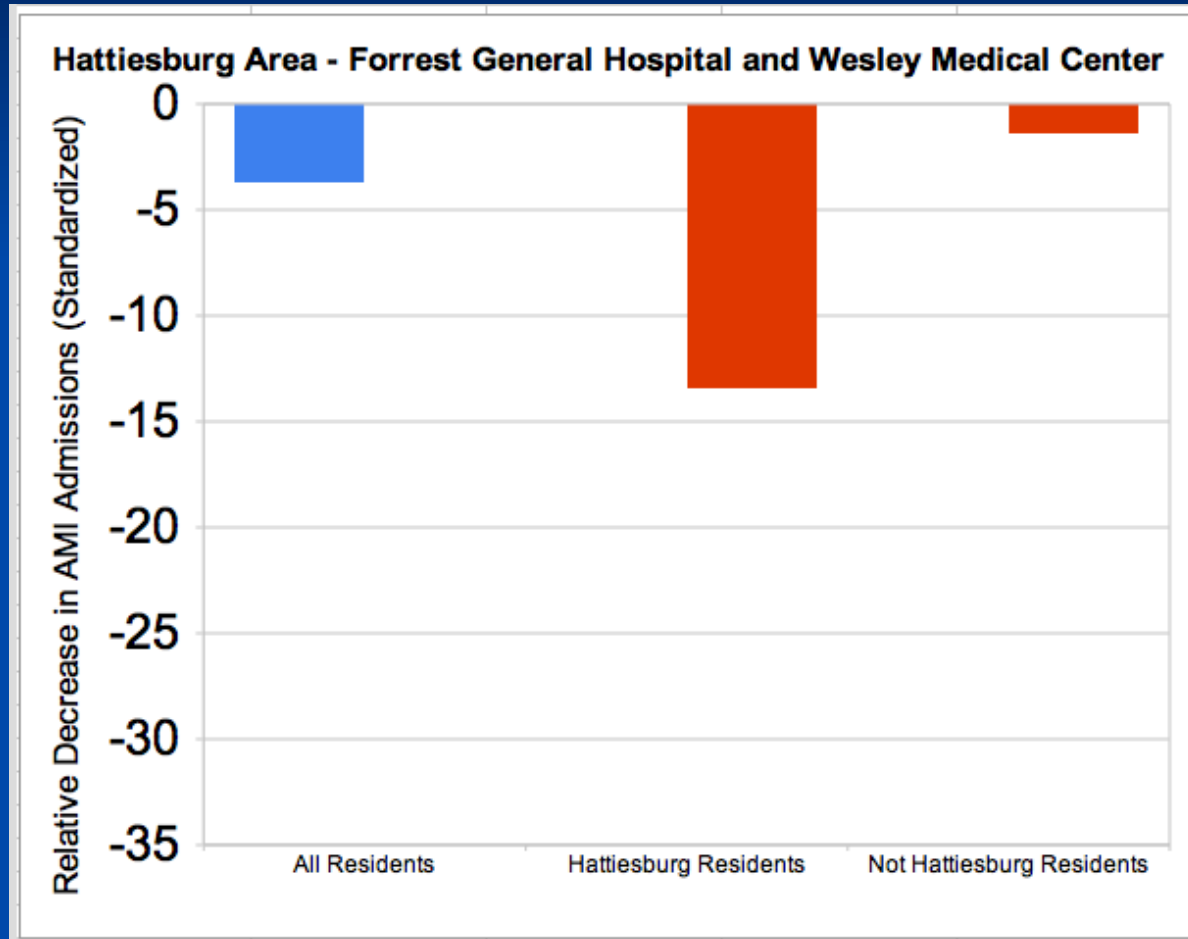
# Smoke-free laws have improved health of workers and patrons

- Improved respiratory health
- Fewer reports of eye, nose, and throat irritation
- Fewer hospital admissions for heart attacks in Pueblo, CO and Helena, MT
- Institute of Medicine Report
- Data from Starkville and Hattiesburg hospitals

# Heart Attack Admission Decreases in Starkville



# Heart Attack Admission Decreases in Hattiesburg





# Health and Economic Burden of Secondhand Smoke in the U.S.

# Annual U.S. deaths attributable to exposure to secondhand smoke

- Heart disease: 35,000
- Lung cancer: 3,000
- SIDS: 1,900

# Estimated annual diseases attributable to exposure to secondhand smoke in the U.S.

- Low birth weight births: 9,700
- Asthma exacerbation in children: 400,000
- Acute lower respiratory illness: 150,000
- Ear infections: 700,000

## Estimated direct costs of exposure to secondhand smoke in the U.S., by morbidity

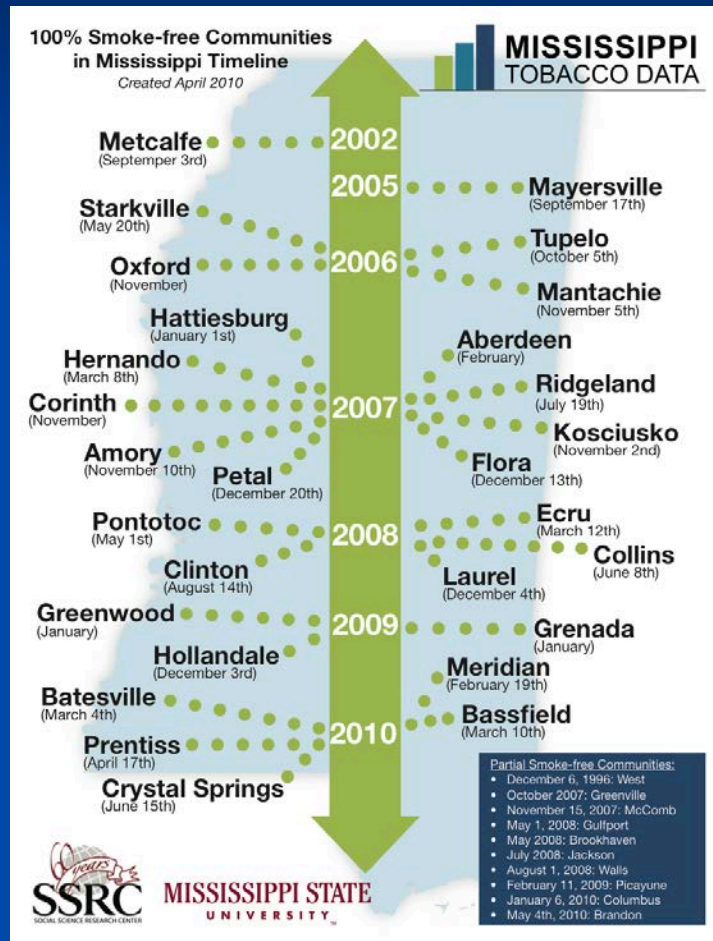
- Lung cancer: \$191 million
- Cervical cancer: \$14 million
- Asthma: \$773 million
- Ear infections: \$53 million
- Chronic pulmonary disease: \$1.2 billion
- Coronary heart disease: \$2.5 billion
- Low birth weight: \$284 million

# Public Support

## 2009 Mississippi Social Climate Survey of Tobacco Control

- 81.7% of Mississippi adults believe that restaurants should be completely smoke free
- 83.6% of Republicans
- 83.1% of Democrats
  
- 76.1% of Mississippi adults believe that worksites should be completely smoke free
- 80% of Republicans
- 74.5% of Democrat
- Non-partisan support, both Democrats and Republicans support smoke free laws

# Mississippi Smoke-Free Communities



# Mississippi Population Protected by a Comprehensive Smoke-Free Law

100% Smoke-free Communities in Mississippi Timeline Data

	Local Ordinances	Date Implemented	% of MS Pop. Protected
2002	METCALFE	SEPTEMBER 3RD	0.04%
2005	MAYERSVILLE	SEPTEMBER 17TH	0.07%
2006	STARKVILLE	MAY 20TH	0.82%
	TUPELO	OCTOBER 5TH	2.06%
	MANTACHIE	NOVEMBER 5TH	2.09%
2007	OXFORD	NOVEMBER	2.50%
	HATTIESBURG	JANUARY 1ST	4.04%
	ABERDEEN	FEBRUARY	4.26%
	HERNANDO	MARCH 8TH	4.49%
	RIDGELAND	JULY 19TH	5.18%
	CORINTH	NOVEMBER	5.67%
	KOSCIUSKO	NOVEMBER 2ND	5.92%
	AMORY	NOVEMBER 10TH	6.16%
	FLORA	DECEMBER 13TH	6.21%
	PETAL	DECEMBER 20TH	6.47%
2008	ECRU	MARCH 12TH	6.50%
	PONTOTOC	MAY 1ST	6.68%
	COLLINS	JUNE 8TH	6.77%
	CLINTON	AUGUST 14TH	7.68%
	LAUREL	DECEMBER 4TH	8.31%
2009	GREENWOOD	JANUARY	8.94%
	GRENADA	JANUARY	9.44%
	HOLLANDALE	DECEMBER 3RD	9.56%
2010	MERIDIAN	FEBRUARY 19TH	10.93%
	BATESVILLE	MARCH 4TH	11.17%
	BASSFIELD	MARCH 10TH	11.18%
	PRENTISS	APRIL 17TH	11.22%
	CRYSTAL SPRINGS	JUNE 15TH	11.42%

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