

SECONDHAND SMOKE: PROTECTING OUR WORKERS

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HOW DOES SHS CAUSE DISEASE?

- ✖ 7,000 chemicals reach your lungs
- ✖ Blood carries poisons to the whole body
- ✖ Poisons *immediately*
 - + damage DNA, leading to cancer
 - + damage blood vessels and causes clotting (can cause heart attacks and strokes)
 - + damage the lungs, (asthma attacks, emphysema, and chronic bronchitis).

OTHER RECENT STUDIES

Results of SHS exposure in U.S. in 2006 (Max 2012)

- ✖ More than 42,000 deaths (more than 41,000 adults & almost 900 infants)
- ✖ 600,000 Years of Potential Life Lost (YPLL)
- ✖ \$6.6B in lost productivity (\$158,000/death)
- ✖ 33,951 SHS deaths attributable to ischemic heart disease
- ✖ 7,333 lung cancer deaths

Risks of SHS to U.S. servers , in bars/restaurants alone, correspond to: (Liu, 2013)

- ✖ 214 lung cancer deaths
- ✖ 3001 ischemic heart disease deaths
- ✖ 1420 new asthma cases

SMOKE-FREE LAWS BENEFIT PUBLIC HEALTH

- ❖ **Non-smokers Protected from SHS**
 - ❖ Asthma ER visits ↓ 22% in Lexington
 - ❖ COPD hospitalizations ↓ 22% in KY communities with comprehensive smoke-free laws
 - ❖ Heart attacks down 15% in studies worldwide
- ❖ **Fewer Children Start To Smoke**
- ❖ **Smokers Consume Fewer Cigarettes**
- ❖ **More Smokers Quit**