

Save Energy, Save Lives

How energy efficiency can lower statewide health expenses



New Health Impacts Study

The Health Impacts of Avoiding Power Plant Pollution with Energy Efficiency

A new study by the American Council for an Energy Efficiency Economy (ACEEE) and Physicians for Social Responsibility found that reducing energy consumption in the United States by just **15%** could have enormous annual impacts on our public health.

HARTFORD

A **15% reduction** in energy use could

reduce health impacts by

\$73 per capita annually

15th highest in the nation among large metro areas

30,000

Fewer
Asthma
Attacks

\$20 BILLION

Avoided
Health
Harms

6 LIVES

Saved
Every
Day

Reducing Energy Use Leads to Better Health

Energy efficiency provides a pathway to positive health outcomes

It is estimated that 40% of diagnosed asthma is associated with home exposures such as moisture, temperatures variations, and pests. Energy efficiency and weatherization aim to improve these conditions, which in turn lead to better health outcomes for residents. A 2014 study found a 12% decrease in emergency department asthma-related visits and a 48% decline in poor health among adults who received home weatherization services.

EE Prevents 4 Largest Health Killers

“The health benefits available from energy efficiency are impressive. Air pollution from power plants contributes to the four leading causes of death in the U.S.: cancer, chronic lower respiratory diseases, heart disease, and stroke. We can use energy efficiency to save lives and help slow global warming. Those benefits are going to be felt now and for decades into the future.”

- Barbara Gottlieb, *Director for environment and health at Physicians for Social Responsibility*

Putting EE First Literally Saves Lives

30% of CT housing stock has health and safety issues which are identified as part of an Energy Efficiency assessment. Mold , Asbestos, High Co, and Gas leaks are uncovered daily by Connecticut Building Performance scientists during routine inspections.

Figure ES1: Occupant Health and Indoor Environmental Benefits of Residential EE

