



8/22/25

Administrator Lee Zeldin  
U.S. Environmental Protection Agency  
1200 Pennsylvania Ave, NW  
Washington, DC 20460

Dear Administrator Zeldin:

The undersigned national health and medical organizations urge the agency to take steps to clean up emissions from the manufacturing sector, a critical clean air and public health opportunity.

Industrial manufacturing is a major source of harmful pollution threatening the health of the patients and communities our organizations serve. When powered by gas, oil, wood and other fuels, boilers that provide heat to power many industrial processes result in emissions of nitrogen oxides, fine particle pollution, sulfur dioxides and other harmful pollutants. Helping ensure manufacturing facilities switch to clean, modern technologies is a major health opportunity that can also increase efficiency in this critical sector.

In particular, shifting lower- and medium-temperature industrial boilers to modern, zero-emission heat pump technologies is a major current opportunity. These clean technologies are more readily available and suited to manufacturing everyday products like paper, textiles, chemicals and food and beverage processing that don't require extremely high temperatures to produce. A new analysis found that nationwide, this transition could generate \$1.1 trillion in public health benefits by 2050, and avoid 77,200 premature deaths; 33.2 million asthma attacks, 13 million lost school days and 3.4 million lost work days.

We urge EPA to explore ways to make these health benefits a reality by ensuring more manufacturing facilities switch to clean heat technology, including by:

- Strengthened emissions standards for boilers
- Programs to incentivize the shift to modern manufacturing processes over combustion-based technologies by eliminating barriers to initial purchase and ongoing operating costs.
- Consistent and sustained investment in research and development of efficient, zero-emission technologies across all industrial heat applications, especially for the development of higher-temperature applications.
- Educational efforts, calculators, and other tools to support informed choices about the feasibility, efficiency, and cost-effectiveness of modern industrial technologies.

We support efforts to make the health benefits of this transition a reality.

Signed,

Alliance of Nurses for Healthy Environments

American College of Chest Physicians

American Lung Association

American Public Health Association

Climate Psychiatry Alliance

International Society for Environmental Epidemiology - North America Chapter

National Association of Pediatric Nurse Practitioners

National Environmental Health Association

OUCH - Int'l (Oncologists United for Climate and Health)

Physicians for Social Responsibility