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HEALTH CARE'S ENVIRONMENTAL IMPACTS

Energy: Healthcare is the second most energy intensive sector in commercial buildings

Medical Waste: In 1995 medical waste incineration was the largest source of dioxin emissions in the US, responsible for 10% of mercury air emissions

Pharmaceutical Waste: At least 250 million pounds of pharmaceutical waste is generated annually from hospitals and long-term care centers

Toxic Chemicals: Healthcare is one of the largest users of toxic chemicals in the US economy

Indoor Air Quality: Poor air quality has been identified as the most frequent cause of work-related asthma in healthcare workers

Unhealthy Food: hundreds of hospitals have fast food restaurants in their lobbies

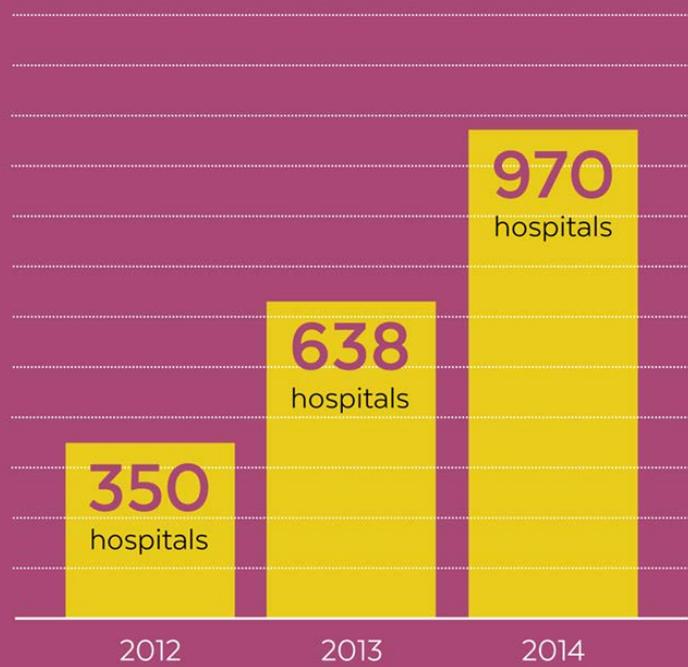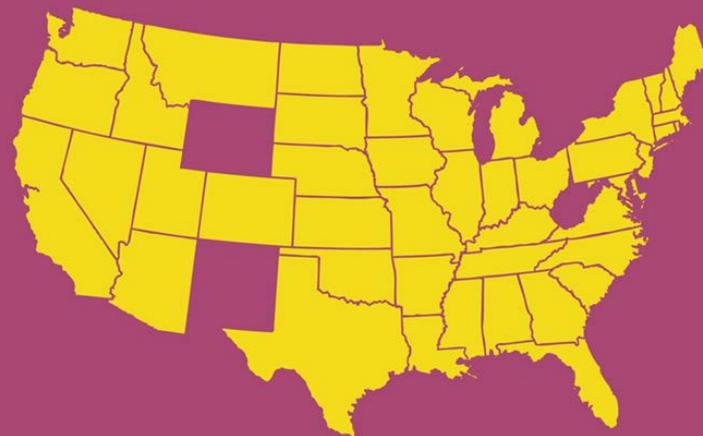# DECLINE OF MEDICAL WASTE INCINERATORS (U.S.)

Year	Value
1988	6200
1994	5000
1997	2400
2003	115
2006	83
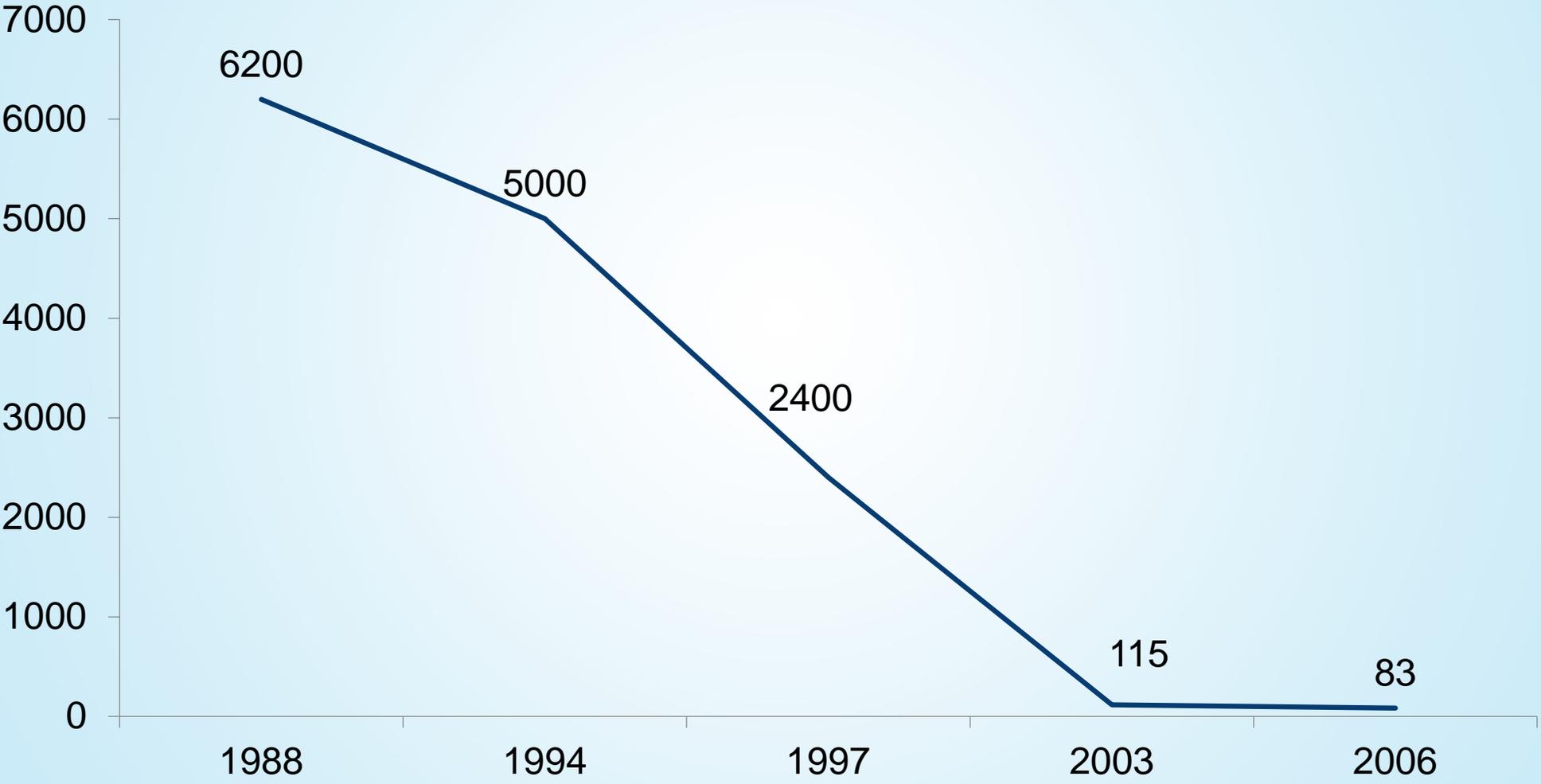
Source: EPA

Healthier Hospitals

Local/Sustainable: 146 hospitals spent 18% of their food budget on local and sustainable foods.

18%

Recycling: Since 2010, 457 hospitals achieved an aggregate recycling rate of 24%, diverting 445,722.369 tons of materials from area landfills.

45,000
garbage trucks weight equivalent

Reprocessed SUDs: 379 hospitals have reported spending $174,479,925 on reprocessed single-use devices since 2010.

HOSPITALS AS ANCHOR INSTITUTIONS
IMPROVING COMMUNITY FOOD ENVIRONMENTS

- by modeling good nutrition and improving environmental health inside and outside their facilities
- by collaborating with community-based programs to support a healthy, regional food system and increased access to healthy food

Hosting hospital-based farmers markets

Kaiser Permanente: founded one of the first hospital-based farmers market in 2003 and now hosts more than 50 farmers markets.

Reducing waste & donating unused food to the hungry

University of Iowa Hospitals and Clinics: reduced food waste by 40% in 2013 by eliminating less-popular menu items and cutting surplus servings. The hospital donated more food to organizations that feed the hungry and composted 77 tons of food.

Educating patients about healthy grocery shopping and meal preparation

Children's Hospital of Philadelphia: teamed up with the foodservices company Aramark to launch Home Plate, an innovative research study designed to combat childhood obesity, which teaches low-income parents the skills to cook healthy meals at home.

Supporting health professionals to be effective public policy advocates

Health Care Without Harm's Food Matters program: engages over 4,000 doctors, nurses, and dietitians across the country to become leaders and advocates for a more sustainable food system.

Modern Healthcare

The leader in healthcare business news, research & data

Wisconsin-based Gundersen Health plans to alter its fossil-fuel investment policy

By Bob Herman | October 3, 2014

The Daily Telegraph

Health industry's $29bn fund to restrict thermal coal investments

JOHN CONROY   SEPTEMBER 15, 2014 10:45AM

MintPress News

British Medical Association Becomes World's First Health Organization to Divest From Fossil Fuels

As a result of its recent annual meeting, the British Medical Association will divest its fossil fuel investments. The vote makes the BMA the first health organization in the world to make such a decision.

By Brandon Baker | July 2, 2014

Lessons Learned

- **Teach health professionals about environmental health**

- **Appeal to Mission, Mandate, Money - Triple Aim of healthcare reform**

- **Provide practical solutions to hospitals to address their environmental performance**

- **Create healthy collaboration and competition among sector players**

- **Aggregate hospital demand to drive markets for safer products**

- **Celebrate success**

Movement Lessons Learned

- **Create inside/outside strategies**

- **Engage in both the policy and market realms**

- **Build a network of collaborators instead of a monolithic organization**

- **Create joint ownership of agendas and strategies**

- **Build trust over time**

- **Make the movement international**

- **Learn how to knit**