

US EPA ARCHIVE DOCUMENT

# Great Lakes Binational Toxics Strategy Stakeholder Forum

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Canadian Centre for Inland Waters  
Burlington, Ontario

# Mercury

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# Canada's Mercury Reduction Challenge and Progress

## Challenge:

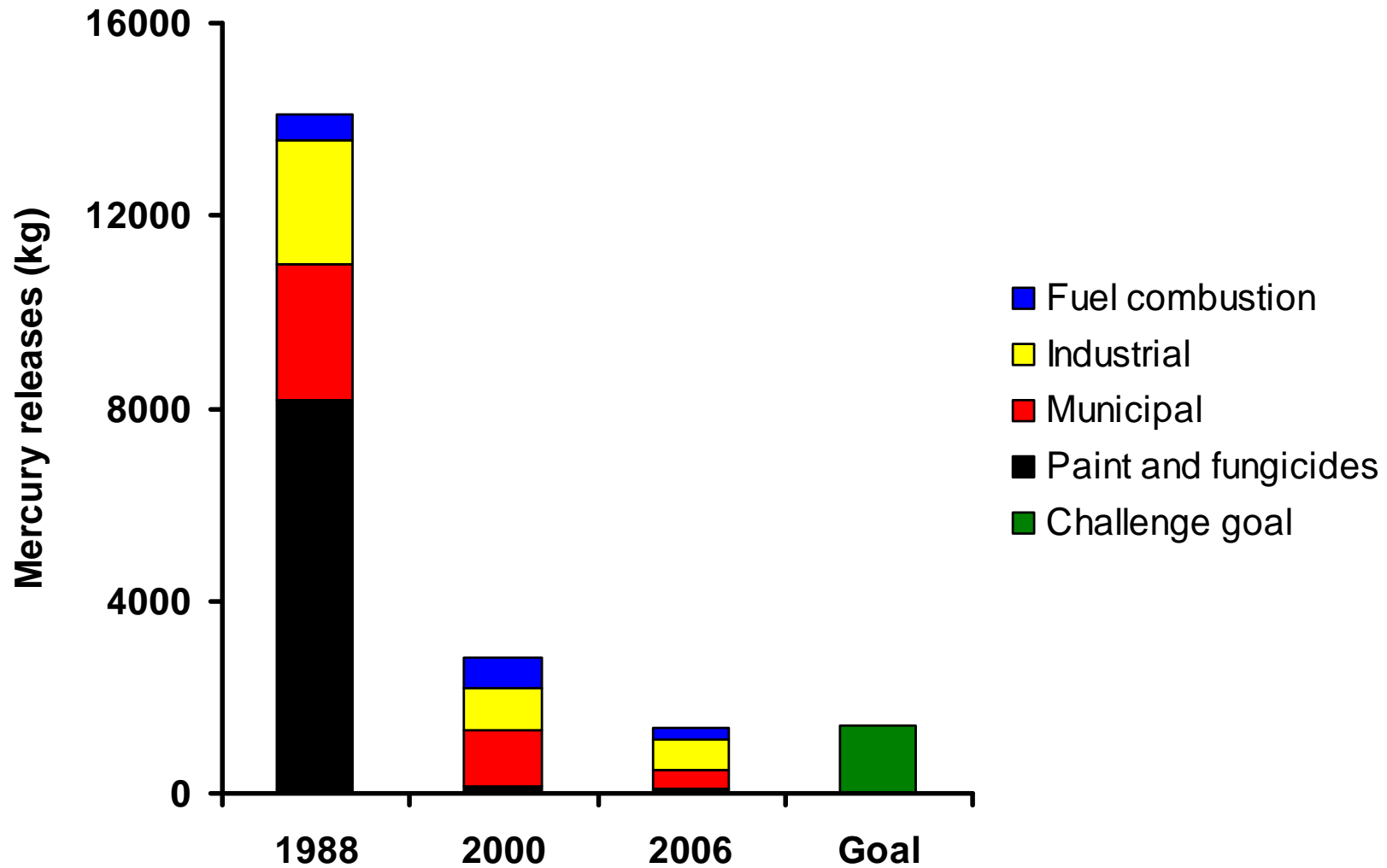
*“Achieve by 2000, a 90% reduction in the release of mercury, or where warranted the use of mercury, in the Great Lakes Basin”*

Baseline: 1988

## Progress:

- Reduction > 90% (as of 2006)

### Ontario Mercury Releases



# U.S. Mercury Reduction Challenge and Progress

## Challenge:

“Achieve by 2006 a 50% reduction in use and air emissions of mercury nationwide”

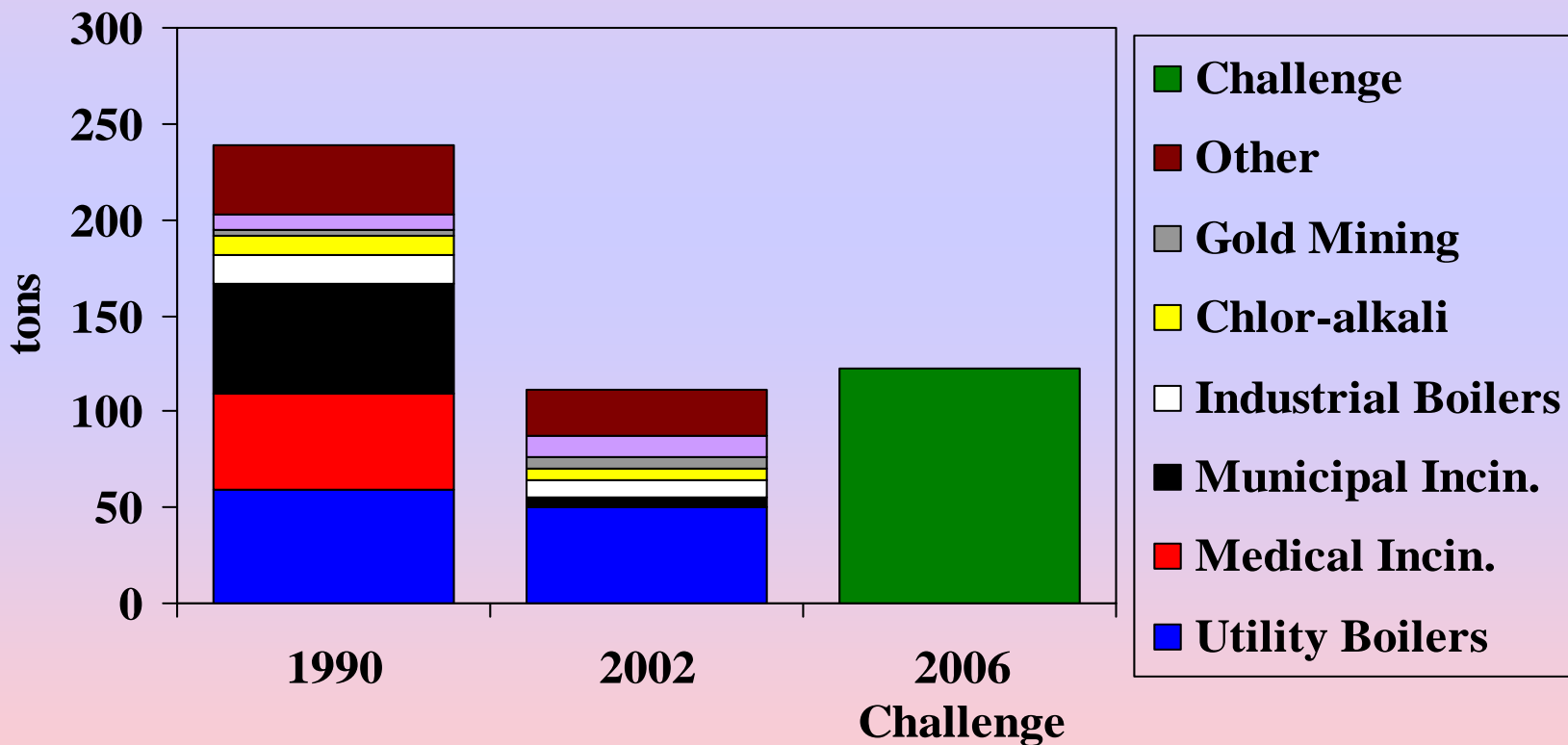
### ■ Baselines:

- ◆ Emissions: 1990
- ◆ Use: 1995

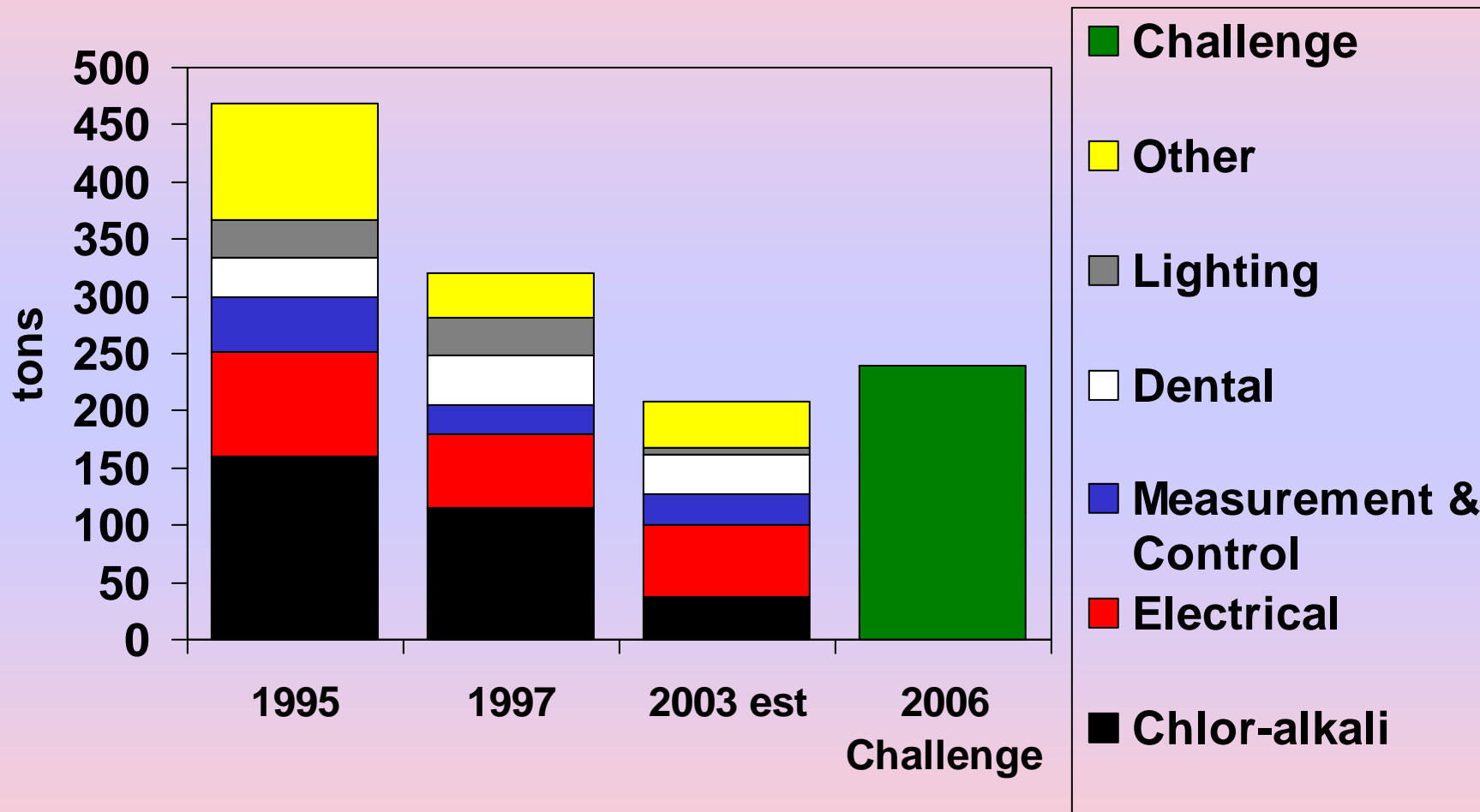
## Progress (best guess):

- Emissions: > 50% reduction (as of 2002)
- Use: > 50% reduction

# US Mercury Emissions: 2006 Challenge, 1990 Baseline



# U.S. Mercury Use



Source: US Geological Survey, *Minerals Yearbook*, 1996, 1997. Chlorine Institute Annual Report to EPA, 2004; National Electrical Manufacturer's Association, direct communication, 2004.



## Accomplishments

- Environment Canada's proposed Risk Management Strategy for Mercury-containing products – consultations completed
- Great Lakes Mercury in Products Phase-down Strategy under the Great Lakes Regional Collaboration– public comments received

## Accomplishments

- Recycling Council of Ontario launches Province-wide Fluorescent Lamp Stewardship Program
- “Switch the Stat” program launched for collection of thermostats in Ontario.
- CEPA P2 Plan requirement for switches
- National Vehicle Mercury Switch Recovery Program—now operating in all 50 states

## Next Steps

- Continue information sharing about cost effective reduction opportunities
- Tracking of Environmental Progress
- Collect Stakeholder input on development of Great Lakes Regional Collaboration Mercury Emissions Reduction Strategy.
- Examine alternatives to face to face meetings for sharing of information.