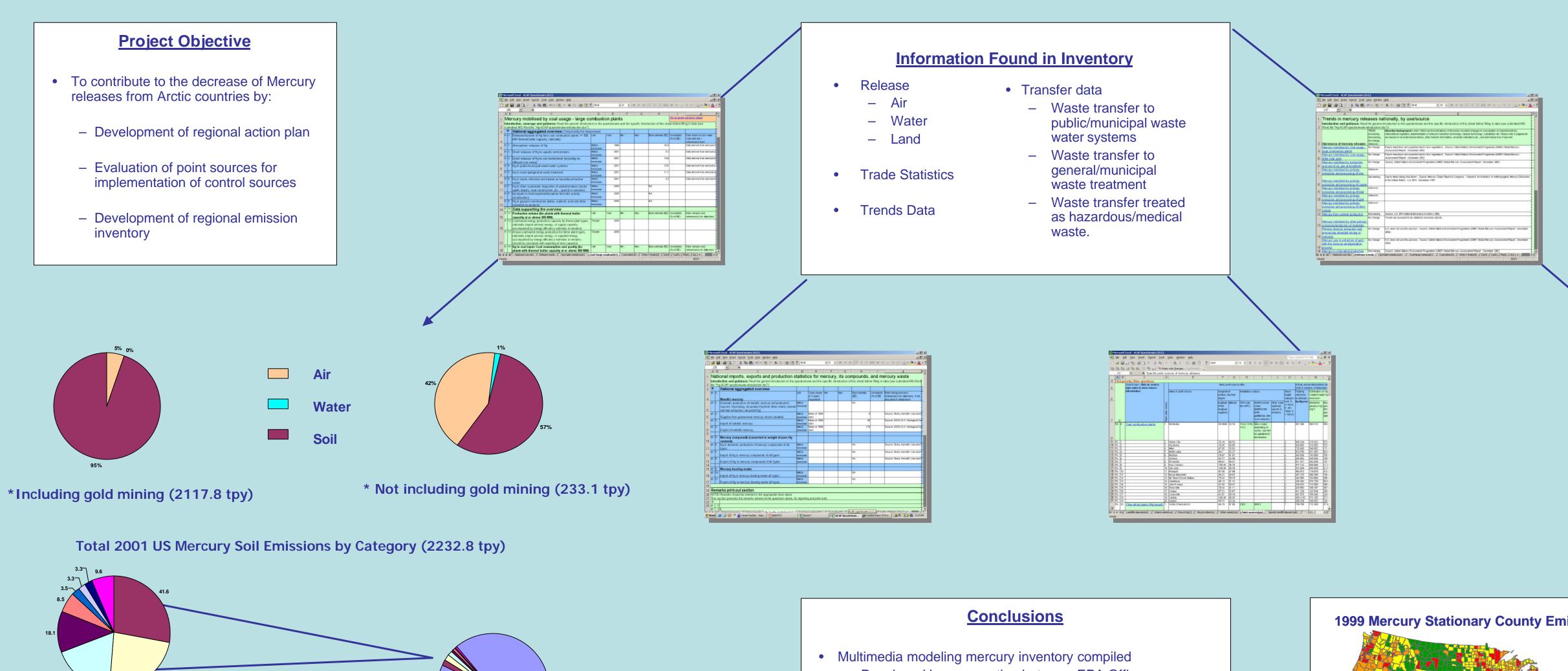
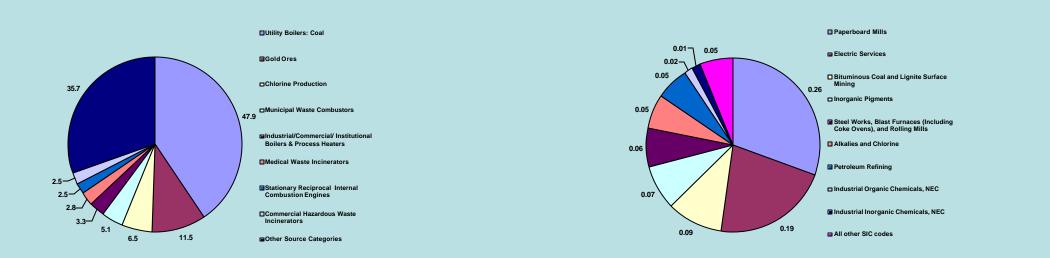
# The U.S. Mercury Emission Inventory for the Arctic Council Mercury Project





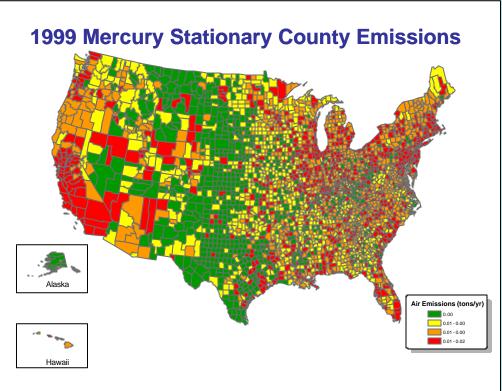
□ Gold Ores ■ Lime □ Copper Ores □ Silver Ores Electric Services Lead and Zinc Ores Lead and Linc Ores
Inorganic Pigments
Primary Smelting and Refining of Nonferrous Metals, Except Copper and Aluminum
Primary Smelting and Refining of Copper
All other SIC codes

Total 1999 US Mercury Air Emissions (117.76 tpy) Total 2001 US Mercury Water Emissions (0.85 tpy)



K. Rackley, A. Pope, D. Mobley, S. Durkee, D. Steele, M. Engle, U.S. Environmental Protection Agency

- Developed by cooperation between EPA Offices
- Mercury air emissions have decreased due to implementation of standards
- Identified gold mining for further analysis to determine if controls are needed.
- Process can serve as a model for other countries.





## **ACAP Mercury Emission Inventory**

- In the format of a questionnaire provided by the Danish EPA in Excel format.
  - Used to characterize mercury usage
  - Provided modeling parameters
  - Created a common inventory

Trends in US Mercury Air Emissions (short tons)

