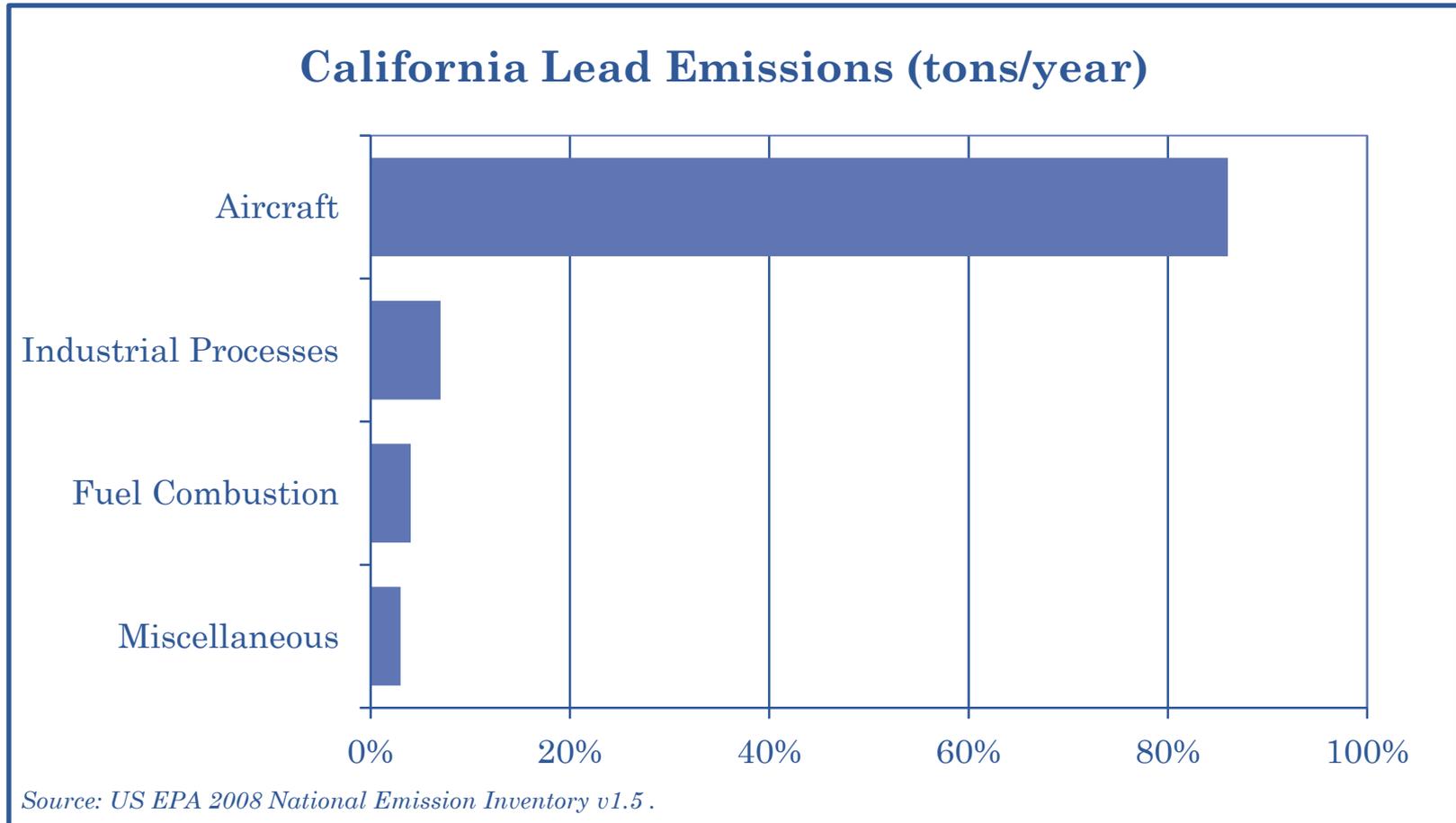




***REDUCING CALIFORNIA
LEAD CONCENTRATIONS***

California Air Resources Board

KEY SOURCES OF LEAD EMISSIONS



CONTROLLING LEAD EMISSIONS IN CALIFORNIA

- Lead in California motor vehicle gasoline was virtually eliminated in 1992
- Lead emissions from industrial sources such as battery recycling facilities are controlled by local agencies
- Lead content of aviation gas (av gas) is regulated at the federal level

REMOVING LEAD FROM GASOLINE

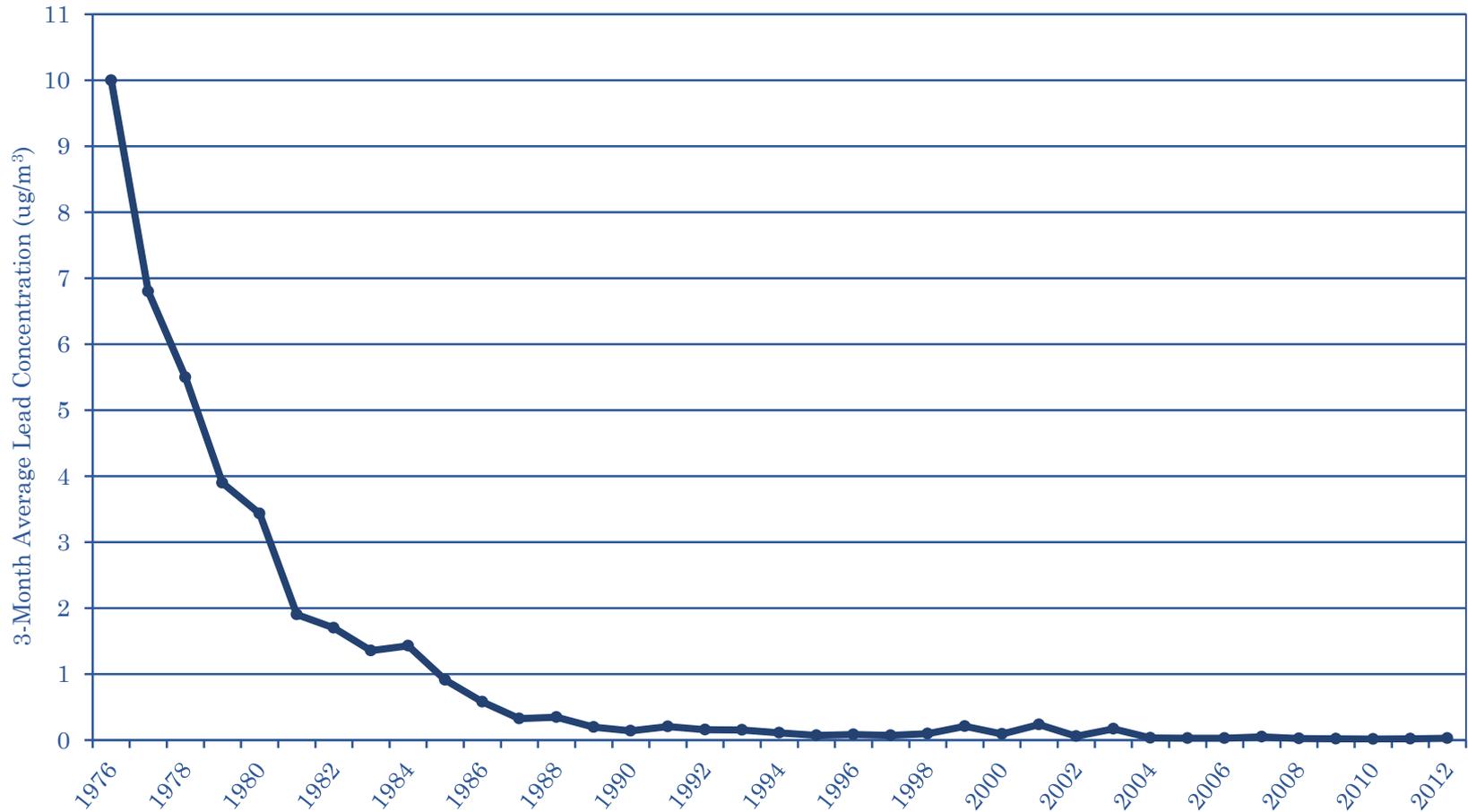
- ARB regulations started phasing lead out of gasoline in mid-1970s



- U.S. EPA adopted similar program, implemented nationwide in 1996



STATEWIDE REGIONAL LEAD CONCENTRATIONS MEET STANDARD



REMAINING LOCALIZED INDUSTRIAL LEAD IMPACTS

- Los Angeles County is only area currently designated as nonattainment for lead
- Violations caused by emissions from large battery recycling facility
- South Coast has stringent rules in place
- Concentrations continue to decrease
- Attainment expected by December 31, 2015

AVIATION GASOLINE (AV GAS)

- U.S. EPA is responsible for setting aircraft tailpipe emission standards
- FAA is responsible for regulating av gas
- U.S. EPA implemented a nationwide pilot project to monitor lead concentrations at general aviation airports
- Local districts are conducting monitoring at 5 California airports

