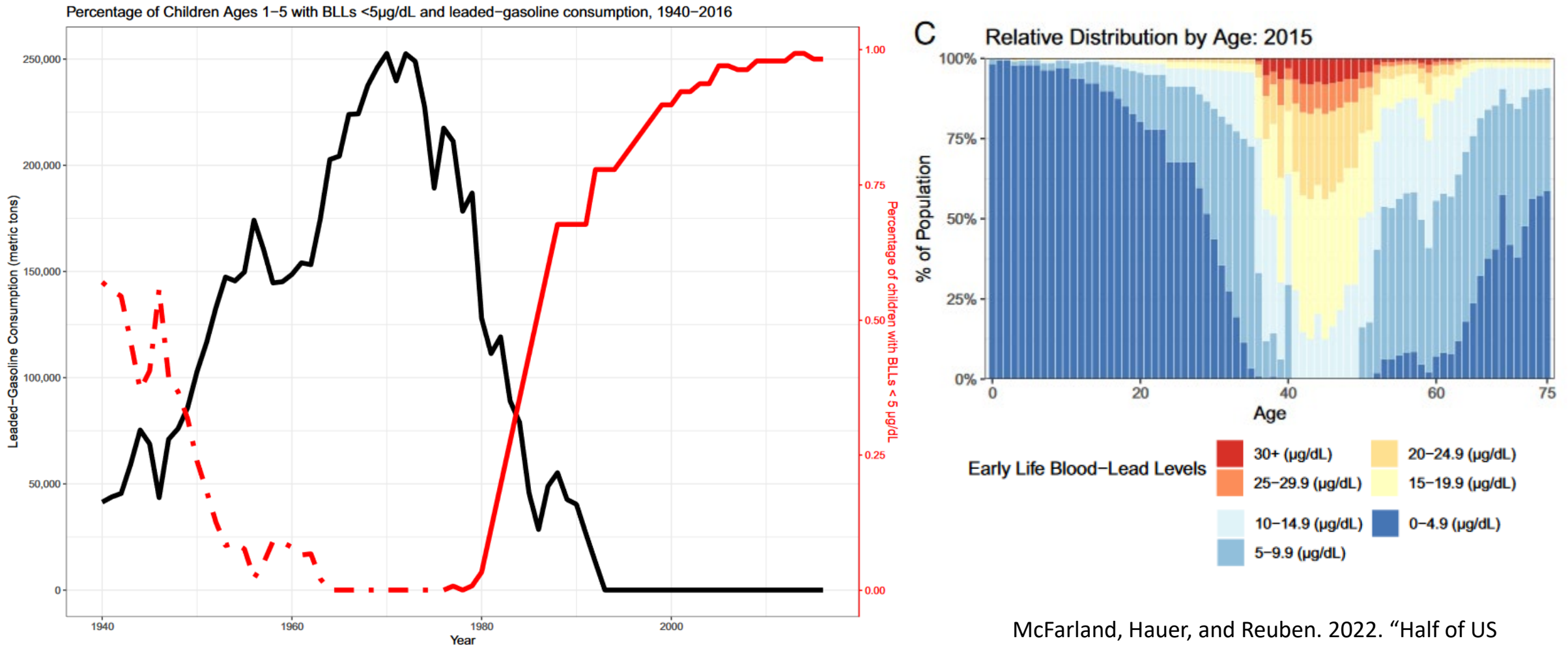


# Identifying Midlife Social Exposures that Might Modify Risk for Cognitive Impairment Associated with Early Life Disadvantage: A Workshop

Session 6: Environmental and Cardiovascular Exposures

# Half of Older Adults Today were Exposed to Lead in Early Life



**Fig. 1.** Leaded gasoline consumption and the percentage of children with BLLs under  $5\mu\text{g/dL}$ , 1940 to 2016. Leaded gasoline consumption comes from the Bureau of Mines Minerals Yearbook. The percentage of children aged 1 to 5 with BLLs come from 1976 to 2016 of the NHANES waves 2 to 4 (solid red line), while the dotted line is imputed from regressing childhood BLLs on leaded gasoline consumption.

McFarland, Hauer, and Reuben. 2022. “Half of US population exposed to adverse lead levels in early childhood.” PNAS

# Living in tree-filled neighborhoods may reduce risk of heart disease, study shows

More than 8,000 trees were planted in areas of South Louisville, Kentucky as part of a research trial.



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## Better health is in bloom.

Green Heart Louisville is a unique study, and the first of its kind to rigorously and scientifically assess the impact of green space on air quality and health in urban communities.



Aruni Bhatnagar et al. (R01ES029846)

Green Heart Project: Community based clinical trial to determine if ↑ neighborhood greenery ↓ CVD risk by decreasing the levels of local air pollutants.

