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Title of Presentation
"The Effects of Congestion Pricing on Public Transportation Demand, Air Pollution, and Public Health."

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Abstract
On July 1, 2010, congestion pricing was implemented on the San Francisco-Oakland Bay Bridge. Using panel data on hourly commuter rail (BART) and commuter bus (AC-Transit) ridership from June 1, 2009 through July 31, 2011, we examine the effect of congestion pricing on public transportation usage and estimate cross-price elasticities for public transportation that are slightly below estimates from the transportation economics literature. We also use panel data on air pollution levels and hospital admittances in the Bay Area during the same time period to examine the effect of congestion pricing on air pollution and public health. Using a similar difference in difference model, we find declines in both air pollution levels hospitalizations for respiratory ailments after congestion pricing began. As a robustness check, we use regression discontinuity models, which suggest similar, but slightly smaller effects of congestion pricing on public transportation, air pollution, and public health.