

# Producing U.S. Population Statistics Using Multiple Administrative Sources

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## **Abstract**

*We identify several challenges encountered when constructing U.S. administrative record-based (AR-based) population estimates for 2020. They include locational accuracy, person coverage and its consistency over time, filtering out nonresidents and people not alive on the reference date, uncovering missing links across person and address records, and predicting demographic characteristics. We discuss several ways to address these issues. Regression results illustrate how the challenges and solutions affect the AR-based county population estimates.*

**Keywords:** administrative records, population estimates, record linkage

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