



IPS Paper

Usage of Administrative Record Modeling in the United States 2020 Decennial Census

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Brief Description

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The innovation used administrative records to classify some addresses as occupied, vacant, or nonresidential.

For occupied housing units where possible, the processing created a roster of the residents with their available characteristics that could be used for enumeration.

The Census Bureau began a research program in 2012 to pursue its goal of identifying a methodology for using administrative records to reduce the cost of the 2020 Census Nonresponse Followup operation while preserving data quality.

Nonresponse Followup is the census field operation where enumerators visit addresses that did not submit a self-response and attempt to obtain an interview.

This paper provides a discussion of the modeling that incorporates details regarding the enumeration methodology and its implementation in the 2020 Census.

Abstract

The 2020 Census is the first U.S. census to use administrative records to enumerate some households. The innovation used administrative records to classify some addresses as occupied, vacant, or nonresidential. For occupied housing units where possible, the processing created a roster of the residents with their available characteristics that could be used for enumeration. The Census Bureau began a research program in 2012 to pursue its goal of identifying a methodology for using administrative records to reduce the cost of the 2020 Census Nonresponse Followup operation while preserving data quality. Nonresponse Followup is the census field operation where enumerators visit addresses that did not submit a self-response and attempt to obtain an interview. This paper provides a discussion of the modeling that incorporates details regarding the enumeration methodology and its implementation in the 2020 Census.