

A SYSTEMATIC REVIEW OF NONRESPONSE BIAS STUDIES IN FEDERALLY SPONSORED SURVEYS

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Federal Committee on
Statistical Methodology



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BACKGROUND

- In 2006, the Office of Management and Budget (OMB) published Standards and Guidelines for Statistical Surveys mandating that all federal surveys with a unit response rate (RR) <80% conduct an analysis of nonresponse bias (NRB)
- Since 2006, federal surveys have increased activities involving NRB analyses
- However, there's been a lack of information on how these NRB analyses were conducted, the methods used to assess NRB, and the impact of any mitigation strategies to reduce bias

OBJECTIVE

- Conduct a systematic literature review to collect information on NRB studies involving federal surveys
- Specifically, the following information was collected for each study identified:
 - Characteristics of the surveys examined
 - NRB analysis methods used
 - Results of the assessment of NRB
 - Impact of weighting adjustments on bias reduction

METHODS

Criteria For Including Studies for this Review

NRB studies conducted since the 2006 OMB guidance from the following sources were considered for inclusion:

- Peer-reviewed research papers
- Published book chapters
- Conference proceedings
- Published government reports or memoranda, and
- Other grey literature materials including unpublished reports produced by the government, and reports produced by academics and the survey industry in print and electronic formats not controlled by commercial publishers