

2020 Census Assessments of Quality: Evaluations and Operational Assessments

CNSTAT Panel to Evaluate the Quality of the Census
First Meeting: July 19, 2021

Jennifer W. Reichert
Assistant Division Chief for Nonresponse, Evaluations, and Experiments
Decennial Census Management Division, U.S. Census Bureau

Joan M. Hill
Assistant Division Chief of Experiments and Evaluations
Decennial Statistical Studies Division, U.S. Census Bureau

Shape
your future
START HERE >

United States[®]
Census
2020

2020 Census Program for Evaluations and Experiments (CPEX)

- The CPEX program is designed to document and evaluate the current decennial census and facilitate planning efforts for the next one
- Four types of studies:
 - Experiments (3)
 - Evaluations (14)
 - Operational Assessments (51)
 - Quality Control Results (5)

2020 Census

2020 Census Program for Evaluations and Experiments (CPEX)

- Experiments – Test new methods during the decennial census to inform future census processes
- ***Evaluations – Determine effectiveness of census components and opportunities for improvement and innovation***
- ***Operational Assessments – Provide data on workload volumes, production rates, and costs related to operations, processes, and systems***
- Quality Control Results – Present on quality control efforts for major census operations

Evaluations of 2020 Census Quality

- **Reengineered Address Canvassing:** to evaluate the redesign of the Address Canvassing operation, including the use of in-office address canvassing and interactive review
- **Analysis of Census Internet Self-Response Paradata by Language:** to study paradata from the internet self-response instrument to learn about issues associated with language
- **Evaluating Privacy and Confidentiality Concerns:** to assess respondents' privacy and confidentiality concerns about responding to the census generally, as well as assessing concerns of certain types of respondents with a follow-up questionnaire

- **The Undercount of Young Children: A Qualitative Evaluation of Census Materials and Operations:** to explore reasons for the undercount of young children
- **Research on Hard-to-Count Populations: Non-English Speakers and Complex Household Residents, including Young Children:** to conduct both an evaluation and an experimental research project about hard-to-count populations such as non-English speakers and complex household residents

- **Group Quarters Advance Contact: Refining Classification of College or University Student Housing:** to evaluate the implementation of the “502” group quarters (GQ) type code during the GQAC operation and understand the magnitude of the mismatch between census coding of college and university student housing and the true status of an address

2020 Census

Operational Assessments

- 51 Operational Assessments covering nearly all of the 35 operations for the 2020 Census
- Document key production and performance metrics for 2020 Census operations (planned vs. actual)
 - Workload volumes
 - Production rates
 - Operational costs
- Document key lessons learned from 2020 Census
- Serve as valuable historical information for future census planning

Questions

END