

# Opening Remarks

John L. Eltinge, [John.L.Eltinge@census.gov](mailto:John.L.Eltinge@census.gov)

Sixth International Workshop for Advances  
in Adaptive and Responsive Survey Design

November 4, 2019

# Acknowledgements and Disclaimer

The author thanks the workshop authors for the opportunity to read their papers and presentations before the workshop; and thanks many colleagues in government statistical agencies, universities and private-sector organizations in several countries for many productive discussions of the topics considered in this paper.

The views expressed here are those of the speaker and do not represent the policies of the United States Census Bureau.

**Welcome and  
Hearty Thanks  
to All Participants!**

# Goal of Adaptive and Responsive Collection Design:

Use “new” information to adjust specific features of design (operations) in data capture, integration and inference to improve balance of:

Data Quality

Risk

Cost

# Questions - 1

A. Operational Definitions of:

Quality: MSE of specific ests? Microdata? Tails?

- Impact of adaptive interventions: MSE, inference

Risk: Out-of-control systems (buffer? create?)

# Questions - 2

## A. Operational Definitions (continued):

Cost – scarce resources: Burden, cash, elapsed time

- Of paradata collection systems?
- Of adjustment process and management?

# Questions - 3

- B. How well do we really understand operations (collection, feasible options for adjustment)?
  - Adequacy of models & approximations?
  
- C. Feasible “levers” to adjust operations?
  - Degree of control & feedback information?
  - Time lags, adjustment costs, slippage?

# Questions - 4

D. Data (frames, paradata, other) to inform decisions on movement of “levers”?

E. Empirical results on (A)-(D):

- Transparency of reports: approximations, interventions, results?
- Scope of applicability, reproducibility, replicability?