

# Session 5: Timely Health Topics and Survey Measurement

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# Thank you to all the presenters!

- Jim Dahlhamer
- Eric Grau
- Fernanda Alvarado-Leiton
- Didem Bernard
- Alice Zawacki

# Common Threads

- Measurement has, and will continue, to be important
- Timely health topics may (or may not) be novel
- Respondent, and others, influence measurement
- Variety of well-documented approaches to assessing and validating survey measurement of health topics

# Measurement as Surveys are Enhanced

- Alternative data sources are increasing important and accessible
- Increase in data linkage capabilities
- *How can we leverage hard-earned survey measurement lessons to these additional data?*

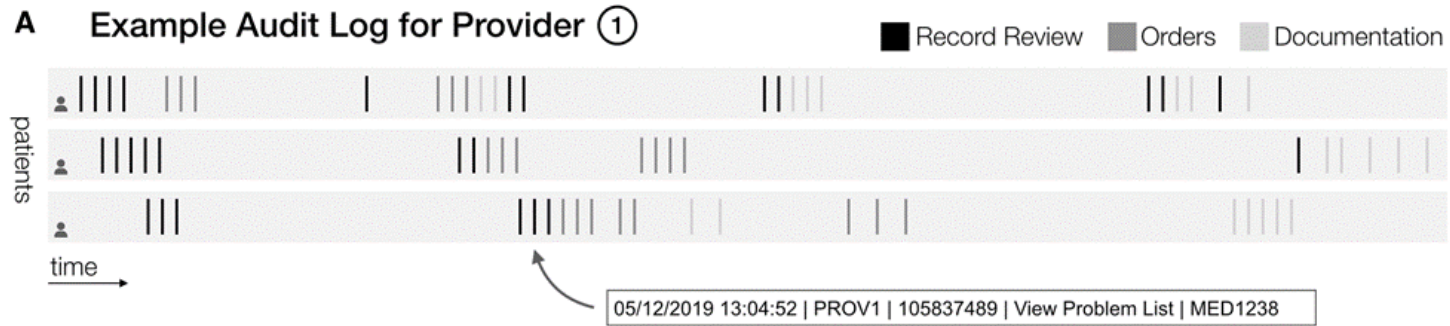
# Example: EHRs & Audit Logs

- EHRs are increasingly being used as a source of health care data
- Variability to each EHR system used by a provider or organization

# Example: EHRs & Audit Logs

- EHR audit log is a particular subset of data that tracks who is logged in to the EHR, what tasks or events they perform (typically tied to specific patients and/or encounters), and when (via timestamps) (***Adler-Milstein et al. 2020***)
- Security feature mandated by HIPAA and CMS Meaningful Use criteria; to detect any malicious access or alteration to records

# Example: EHRs & Audit Logs (cont.)



Source: Rule A, Chiang MF, Hribar MR. Using electronic health record audit logs to study clinical activity: a systematic review of aims, measures, and methods. *Journal of the American Medical Informatics Association* 2020;27(3):480-490.

# Group Discussion

Q & A



# Additional Questions to Consider (if time/needed)

- What are additional health topics that warrant focus on survey measurement?
- Timely health topics require timely data. How do we balance the need for validating our measures while still providing data/findings to researchers and the public in a timely manner to address current health concerns?
- For each topic discussed today (i.e., disability, well-being, opioid use, changing health services), what guidance does the research presented lend to others conducting similar surveys?
- Can we apply the same measurement assessments used in surveys to alternative data sources? Are new methods needed?