# ACDEB
Advisory Committee on Data
for Evidence Building

# Technical Infrastructure
# Focus Area

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**Status Update**

- Building a Secure Service

  - COVID-19 Research Database and AERDF

- Quantifying Privacy Risk

  - Urban Institute and Census Bureau

- Synthetic Data and Validation Servers

  - Urban Institute and Census Bureau

- Research into PPTs (use case)

  - Georgetown, UN Workgroup, xD at Census Bureau

# Findings

**Focus Area Discussion**

- Need approaches to conduct linkages across different data types

  - PPRL as demonstrated by COVID-19 Research Database

  - Affordable and transparent process

- Need tools that guide decisions about which privacy preserving solutions are suitable

  - Privacy risk assessments; consideration of identity, attribute, and inferential disclosure risks

  - Avoid overkill solutions and ad hoc decisions/privacy parameter settings

- Need to move beyond current practices

  - Privacy-aware data synthesizers, anonymizers, and diagnostics

  - Cross-discipline work and knowledge sharing

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**Next Steps**

<u>**Focus Area Discussion**</u>

- Continued research for our Use Case

- Upcoming meetings

  - NCATS on the NIH National COVID Cohort Collaborative (N3C)

  - Social Science One

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# Full Committee Discussion

- When can the Technical Infrastructure Subcommittee review Use Cases that other subcommittees are working on?

- Do other subcommittees want a short overview of Privacy Preserving Technologies?

- Where is the committee on FAIR issues?

  - Findable – just the SAP?  data inventories? More?

  - Accessible – user interface, different way of doing research, tiered access, quick/cheap/free query results

  - Interoperable – need to run complex statistical programs at scale, federal/state/local/private joins or validation

  - Reusable – what does this mean? Tie to data storage discussion

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