



Technical Infrastructure Focus Area

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Main Ideas for Year 1 Report

Focus Area Discussion (1 of 3)

A National Secure Data Service must protect the privacy of data subjects by including:

- Technology to safely, easily and efficiently move data securely when it needs to be moved;
- Technology to evaluate, analyze, and link data in situ
- Technology to support experiments or competitions to develop new methods that increase secure access to data;
- Technology to support development of application of disclosure limitation techniques and multiple access models

Main Ideas for Year 1 Report

Focus Area Discussion (2 of 3)

- Infrastructure that allows data owners to share inventories and metadata;
- Standards to make data more interoperable;
- Capacity to link data from different sources reliably, whether in situ or in an enclave;
- Tools to evaluate the quality of data;

Main Ideas for Year 1 Report

Focus Area Discussion (3 of 3)

- Infrastructure to gather and review application for various tiers of access;
- Tools for both complex/rigorous analysis and descriptive statistics/dashboard-like reports;
- Functionality to support/automate safe release of data;
- Functionality to provide transparency in who is using data, what it is being used for and what was learned, and impact (delivery on value proposition).

Hot Topics

- NSDS focus extends beyond federal (or federal statistical) agencies
- Privacy issues from the data providers' perspectives must be addressed
- NSDS should allow for developing aggregate outcomes without giving anybody in government access to private data

Committee Discussion

Discussion Questions

- Does NSDS ever serve as a permanent repository for data?
- How much does the FFRDC model cost and how can it be implemented to ensure the NSDS isn't dependent on a single vendor?
- How do we ensure there are resources to support significant infrastructure and capacity investments needed for data owners to support the NSDS? How does the NSDS foster the needed capacity improvements?