Increasing Access, Reducing Risk
A conceptual framework for tiered data access

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The “Trilemma of Official Statistics”

Increasing one dimension will typically require reducing one and/or the other of the dimensions

You can maximize on two dimensions, but only at profound cost to the third.
CONFIDENTIAL INTERNAL AGENCY DATA

Disclosure Avoidance
Admin. Controls
Technology Controls
Physical Controls

Statistical Disclosure Limitation

PUBLIC DATA

High Risk
“No” Risk

RISK
CONFIDENTIAL INTERNAL AGENCY DATA

Disclosure Avoidance

Admin. Controls

Technology Controls

Physical Controls

Statistical Disclosure Limitation

PUBLIC DATA

High Risk

“No” Risk

Safe Data

Safe People/Safe Projects

Safe Settings

Safe Settings

Safe Outputs
CONFIDENTIAL INTERNAL AGENCY DATA

Disclosure Avoidance

Admin. Controls

Technology Controls

Physical Controls

Impacts Data Quality

Impacts Access & Uses

Impacts Flexibility and Cost

Impacts Access and Convenience

Statistical Disclosure Limitation

High Risk

“No” Risk

PUBLIC DATA
CONFIDENTIAL INTERNAL AGENCY DATA

Disclosure Avoidance
Admin. Controls
Technology Controls
Physical Controls

Secure Enclaves (FSRDCs)

RISK

High Risk

"No" Risk

Statistical Disclosure Limitation

PUBLIC DATA
Questions?

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