GDA Reporting Subcommittee

Membership:

- Doug Adams (Chair), Chad Baker, Tony LaVoi, Cy Smith, Tim Trainor

Role:

- Work with FGDC OS staff & NGAC leadership to plan and coordinate NGAC's submission of comments as part of the GDA reporting process

- Identify areas of focus for NGAC review and assess the utility of the reports

- Collect/synthesize NGAC's comments on the GDA reports

- Document and communicate lessons learned and recommendations for improving the process for future reports.

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

FY 2020 GDA Annual Reports

STATUS:

- FGDC agencies developed common criteria, reporting templates, and processes - including agency self-assessments of performance

- Agencies used GeoPlatform tools (Survey123) to complete initial GDA annual reports

- All Annual Reports completed and posted on FGDC website, along with covered agency and NGDA dashboards

- FGDC submitted Summary of FY 2020 GDA Annual Reports to NGAC for review and comment

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

FGDC Summary Report
Includes:

Summary of Covered Agency Evaluations

Requirement	USDA	DOC	ED	DOE	HHS	DHS	HUD	DOI	DOJ	DOL	DOS	DOT	TREAS	VA	GSA	NASA
(1) Covered Agency Geospatial Strategies	M	P	M	M	P	P	P	M	M	P	P	P	P	M	P	P
(2) Support Data Sharing	P	M	M	P	M	P	M	P	M	P	P	P	M	M	M	P
(3) Promote Data Integration	P	M	M	P	M	P	M	M	M	P	M	M	M	P	M	M
(4) Ensure Records Retention Schedule for Geospatial Data	P	M	P	P	M	P	F	P	M	P	M	P	M	P	M	P
(5) Allocate Resources for Geospatial Data Management Responsibilities	P	M	P	P	P	P	P	P	M	P	P	M	M	M	P	M
(6) Use Data Standards	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	M
(7) Support Coordination and Partnerships	P	M	M	P	M	P	M	M	M	P	P	M	M	M	P	P
(8) Promote Application of Geospatial Data Assets	P	M	M	P	P	P	M	M	M	P	P	P	M	P	M	P
(9) Protection of Privacy and Confidentiality	P	M	M	M	M	P	M	M	M	P	P	P	M	M	M	M
(10) Declassified Data	M	M	M	F	M	F	M	M	F	M	F	M	M	M	M	M
(11) Non-Duplication of Data	P	M	M	P	M	P	M	P	P	M	P	P	M	M	M	M
(12) Ensuring High-Quality Data	P	M	M	M	M	P	M	M	M	M	P	M	M	P	M	M
(13) Point of Contact	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M

GDA 43 U.S.C. § 2808 (a)(1) – (13) Covered Agency

Key:
M	Meets Expectations
P	Made Progress Towards Expectations
F	Fails to Meet Expectations

16 Covered Agencies reporting on 13 GDA requirements

Summary of Lead Covered Agency NGDA Data Theme Evaluations

Theme & No. of NGDA (169)	(A) Geospatial Data Standards	(B) Nationwide Population of the Data Theme	(C) Establish Actions That Support the Goals and Objectives in NSDI Strategic Plan	(D) Addressing User Needs
Address (0)	P	P	P	P
Biodiversity and Ecosystems (7)	P	P	P	P
Cadastre (18)	P	P	P	P
Climate and Weather (4)	P	P	P	P
Cultural Resources (2)	P	P	P	F
Elevation (12)	P	P	P	P
Geodetic Control (4)	P	P	P	P
Geology (6)	P	P	P	P
Governmental Units, and Administrative and Statistical Boundaries (37)	P	P	P	P
Imagery (8)	P	P	P	P
International Boundaries (1)	M	P	M	P
Land Use – Land Cover (13)	M	M	P	P
Real Property (14)	P	P	P	P
Soils (5)	P	P	P	P
Transportation (15)	P	P	M	M
Utilities (2)	P	P	P	P
Water – Inland (5)	P	P	P	P
Water – Oceans & Coasts (16)	P	P	P	P

GDA 43 U.S.C. § 2805 (b)(3) (A) – (D) Requirements

Key:
M	Meets Expectations
P	Made Progress Towards Expectations
F	Fails to Meet Expectations

18 NGDA Data Themes (including 169 underlying datasets) reporting on 4 GDA requirements

FGDC Summary Report

Includes links to :

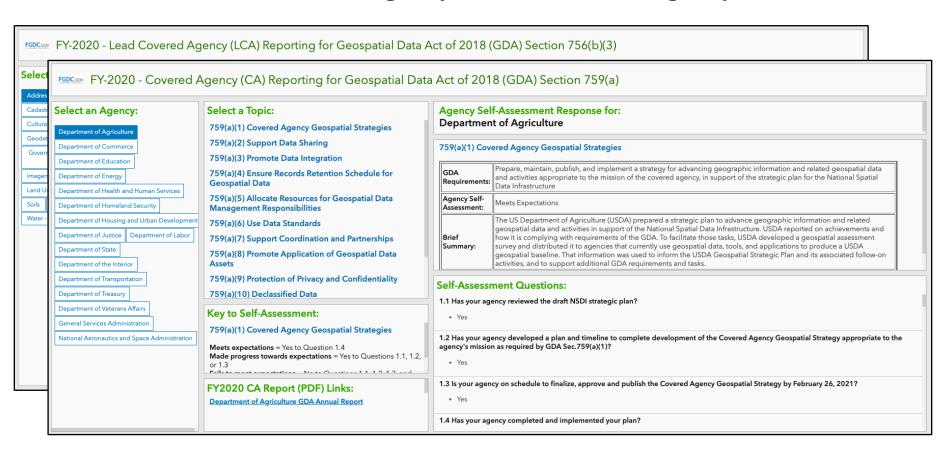**Detailed Covered Agency Evaluations**

Detailed Lead Covered Agency NGDA Data Theme Evaluations

FGDC Summary Report

Includes links to Covered Agency & Lead Covered Agency Dashboards:

FGDC.GOV **FY-2020 - Lead Covered Agency (LCA) Reporting for Geospatial Data Act of 2018 (GDA) Section 756(b)(3)**

FGDC.GOV **FY-2020 - Covered Agency (CA) Reporting for Geospatial Data Act of 2018 (GDA) Section 759(a)**

Select an Agency:

- Department of Agriculture
- Department of Commerce
- Department of Education
- Department of Energy
- Department of Health and Human Services
- Department of Homeland Security
- Department of Housing and Urban Development
- Department of Justice | Department of Labor
- Department of State
- Department of the Interior
- Department of Transportation
- Department of Treasury
- Department of Veterans Affairs
- General Services Administration
- National Aeronautics and Space Administration

Select a Topic:

759(a)(1) Covered Agency Geospatial Strategies

759(a)(2) Support Data Sharing

759(a)(3) Promote Data Integration

759(a)(4) Ensure Records Retention Schedule for Geospatial Data

759(a)(5) Allocate Resources for Geospatial Data Management Responsibilities

759(a)(6) Use Data Standards

759(a)(7) Support Coordination and Partnerships

759(a)(8) Promote Application of Geospatial Data Assets

759(a)(9) Protection of Privacy and Confidentiality

759(a)(10) Declassified Data

Key to Self-Assessment:

759(a)(1) Covered Agency Geospatial Strategies

Meets expectations = Yes to Question 1.4
Made progress towards expectations = Yes to Questions 1.1, 1.2, or 1.3

FY2020 CA Report (PDF) Links:

Department of Agriculture GDA Annual Report

Agency Self-Assessment Response for:
Department of Agriculture

759(a)(1) Covered Agency Geospatial Strategies

GDA Requirements:	Prepare, maintain, publish, and implement a strategy for advancing geographic information and related geospatial data and activities appropriate to the mission of the covered agency, in support of the strategic plan for the National Spatial Data Infrastructure
Agency Self-Assessment:	Meets Expectations
Brief Summary:	The US Department of Agriculture (USDA) prepared a strategic plan to advance geographic information and related geospatial data and activities in support of the National Spatial Data Infrastructure. USDA reported on achievements and how it is complying with requirements of the GDA. To facilitate those tasks, USDA developed a geospatial assessment survey and distributed it to agencies that currently use geospatial data, tools, and applications to produce a USDA geospatial baseline. That information was used to inform the USDA Geospatial Strategic Plan and its associated follow-on activities, and to support additional GDA requirements and tasks.

Self-Assessment Questions:

1.1 Has your agency reviewed the draft NSDI strategic plan?

- Yes

1.2 Has your agency developed a plan and timeline to complete development of the Covered Agency Geospatial Strategy appropriate to the agency's mission as required by GDA Sec.759(a)(1)?

- Yes

1.3 Is your agency on schedule to finalize, approve and publish the Covered Agency Geospatial Strategy by February 26, 2021?

- Yes

1.4 Has your agency completed and implemented your plan?

6

NGAC Comments on
FY 2020 GDA Annual Report Summary

Overview of Paper

GDA Reports - NGAC Review & Comment

Focus areas for NGAC comments on GDA Report Summary:

1. **Positive elements**

   - What was successful in the initial GDA report summary?

2. **Areas needing improvement**

   - What areas need improvement?

3. **Recommendations for future reports**

   - What can FGDC do to improve future versions of the GDA annual report summaries?

NGAC members provided high-level comments, under the 3 focus areas above, to the GDA Reporting Subcommittee

NGAC Review & Comment

Positive Elements

- **Common Survey Instrument**
  - The use of Survey123 via the GeoPlatform for agency self-reporting allowed consistent reporting.
  - Survey methodology provided a baseline for status of data assets.

- **Self-Assessment Rating Criteria**
  - Simple rating criteria provided in the FGDC summary report provided structure and clarity,

- **GDA Baseline Information**
  - Info in inaugural report provided useful baseline information which will contribute to future reporting, planning and decision making.
  - Information builds upon previous reporting, such as the 2015 NGDA Lifecycle Maturity Assessment.

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

NGAC Review & Comment

Areas Needing Improvement

- **Self Assessment Approach**
    - Allows for variable differences in how agencies self-reported their maturity level toward meeting expectations. Need less ambiguity in future self-assessments.

- **Table Formatting/Consistency**
    - Some tables presented null values without explanation.

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

NGAC Review & Comment

Recommendations for Future Reports

- **Capacity Burdens**
    - Future reports may provide an opportunity to address resource and budgetary needs to meet the requirements of the GDA.

- **Reporting Agencies**
    - Some agencies with significant geospatial responsibilities were not identified as covered agencies or lead covered agencies in the GDA. Congress may consider designating additional agencies as covered agencies.

- **Stakeholder Engagement**
    - Agencies should solicit feedback from data consumers to gain insight on where improvements can be realized.
    - Future reporting provides an opportunity to reconcile federal datasets with those produced from State, Local, Tribal, and Territorial (SLTT) partners

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

NGAC Review & Comment

Recommendations for Future Reports (Continued)

- **Survey Instrument**
  - Reduce the number of questions that are multi-part questions.
  - terms used in the survey questions may lead to vague answers: promote, reviewed, etc. Definitions should be provided if used.

- **Future Results and Visualizations**
  - Include recommendations for improvements and new/revised plans to meet future national geospatial requirements.
  - Continue using dashboards to present future reports.

- **Self-Assessment Measures**
  - FGDC should consider adding more granularity on the "Making Progress" category for less ambiguity while maintaining the 3-level construct embedded in the law.

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE