



**2020 Covered Agency Annual Report  
and Self-Assessment**  
*for*  
**Department of the Interior**

Geospatial Data Act of 2018  
Section 759(a) Requirements

March 19, 2021



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## Acronyms

<b>Acronym</b>	<b>Definition</b>
ATO	Authorization to Operate
CA	Covered Agency
FGDC	Federal Geographic Data Committee
GDA	Geospatial Data Act
NGAC	National Geospatial Advisory Committee
NGDA	National Geospatial Data Asset(s)
NSDI	National Spatial Data Infrastructure
OIG	Office of the Inspector General
OMB	Office of Management and Budget
<b>Agency Acronym</b>	<b>Agency</b>
DHS	Department of Homeland Security
DOC	Department of Commerce
DOD	Department of Defense
DOE	Department of Energy
DOI	Department of the Interior
DOJ	Department of Justice
DOL	Department of Labor
DOS	Department of State
DOT	Department of Transportation
ED	Department of Education
GSA	General Services Administration
HHS	Department of Health and Human Services
HUD	Department of Housing and Urban Development
NASA	National Aeronautics and Space Administration
Treasury	Department of Treasury
USDA	U.S. Department of Agriculture
USEPA	Environmental Protection Agency
VA	Department of Veterans Affairs

*Table of Acronyms.*

## Introduction

Section 759 (b) of the Geospatial Data Act (GDA) requires each covered agency<sup>1</sup> to submit to the Federal Geographic Data Committee (FGDC) “an annual report regarding the achievements of the covered agency in preparing and implementing the strategy described in subsection (a)(1) and complying with the other requirements under subsection (a).” [<https://fgdc.gov/gda/online>]

This document serves as the Department of the Interior’s baseline annual report to the FGDC covering the period from October 5, 2018 – when the GDA was enacted – through Fiscal Year 2020 (September 30, 2020). The report was developed through a self-assessment template developed by the FGDC agencies. Subsequent annual reports will each span one fiscal year. The report includes a rating for each covered agency responsibility of "meets expectations," "made progress toward expectations," or "fails to meet expectations," as required by the GDA. A summary and evaluation of all of the covered agency reports will be generated by FGDC and provided to the National Geospatial Advisory Committee (NGAC) for review and comment. The summary reports, along with the NGAC comments, will also become part of the biennial FGDC GDA report to Congress and will be published online.

This report is based on a standardized questionnaire and self-assessment score for each covered agency responsibility. The Department of the Interior has maintained documentation supporting the responses provided for this assessment. This information may be reviewed as part of the biennial Inspector General (IG) audits of covered agencies.

A recommended self-assessment key has been provided for each responsibility. In some cases, optional text is provided for additional insights or to justify a self-assessment selection. Any optional responses provided are not a factor in the self-assessment. Please note that covered agencies are not expected to “meet expectations” in all areas for this first reporting cycle.

Where data or datasets are referenced,<sup>2</sup> information relates to all geospatial datasets owned or managed by the Department of the Interior that are, or should be, available to the public.

To support a more comprehensive picture of agency compliance and related activities, each agency had the option to submit up to a 2-page document, using the survey, as part of the agency’s submission. If provided, the document may include highlights and examples that can supplement the FGDC report to Congress, support the feedback process with the NGAC, or provide context to Office of the Inspector General (OIG) findings.

The Department of the Interior self-assessment GDA Covered Agency Annual Report was initially submitted during February 2021.

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<sup>1</sup> GDA definition of *agency*: <https://www.fgdc.gov/gda/online#the-term-“covered-agency”—means—an-executive-department-as-def>

<sup>2</sup> GDA definition of *geospatial data*: <https://www.fgdc.gov/gda/online#the-term-%E2%80%98geospatial-data%E2%80%99%E2%80%99%E2%80%94means-information-that-is-tied-to-a>

## Self-Assessment for Department of the Interior

### 759(a)(1) Covered Agency Geospatial Strategies

<b>GDA Requirement</b>	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
<b>Agency Self-Assessment</b>	<b>Meets Expectations</b>
<b>KEY to Self-Assessment</b>	<ul style="list-style-type: none"> <li>• <b>Meets expectations =</b> <ul style="list-style-type: none"> <li>○ Yes to Question 1.4</li> </ul> </li> <li>• <b>Made progress toward expectations =</b> <ul style="list-style-type: none"> <li>○ Yes to Questions 1.1, 1.2, or 1.3</li> </ul> </li> <li>• <b>Fails to meet expectations =</b> <ul style="list-style-type: none"> <li>○ No to Questions 1.1, 1.2, 1.3, and 1.4</li> </ul> </li> </ul>

**Clarifying Text:** FGDC developed and released a new national strategic plan for the development of the National Spatial Data Infrastructure (NSDI) [GDA Sec. 755(c)], which was approved by the FGDC Steering Committee in November 2020. Covered Agency Geospatial Strategies [GDA Sec. 759(a)(1)], which will support the goals in the NSDI strategic plan, are due to be completed and submitted for agency approval by February 26, 2021, per FGDC guidance. For more information, please visit <http://fgdc.gov/nsdi-plan>.

#### 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 Covered Agency Geospatial Strategy on schedule to be completed and submitted for agency approval by February 26, 2021?

- Yes

#### 1.4 Has your agency completed and implemented your plan?

- Yes

#### 1.5 If your plan is online? If yes, please provide the URL:

- No

**1.6 Brief Summary (Limit 1000 characters, or approximately 150 words): Please provide a brief description of agency actions and accomplishments in addressing Sec. 759(a)(1), "Prepare and implement a strategy for advancing geospatial data activities appropriate to the agency's mission."**

The Department of the Interior (DOI) has developed a strategic plan in the fall of 2020 using the guidance provided by the FGDC. The plan was completed with input from representatives from fourteen bureaus including the Office of the Secretary as an effort by the DOI Geospatial Advisory Committee. The DOI plan addresses areas that need work to make progress toward full compliance with the GDA as well as other applicable laws and guidance.

**759(a)(2) Support Data Sharing**

<b>GDA Requirement</b>	Collect, maintain, disseminate, and preserve geospatial data such that the resulting data, information, or products can be readily shared with other federal agencies and non-federal users.
<b>Agency Self-Assessment</b>	<b>Made Progress Towards Expectations</b>
<b>KEY to Self-Assessment</b>	<ul style="list-style-type: none"> <li>• <b>Meets expectations =</b> <ul style="list-style-type: none"> <li>○ <i>Data is currently shared</i> selections for <b>all</b> agency appropriate parties for Question 2.1 and Yes to Questions 2.2 and 2.3</li> </ul> </li> <li>• <b>Made progress toward expectations =</b> <ul style="list-style-type: none"> <li>○ <i>Data is currently shared</i> selections for <b>some</b> appropriate parties for Question 2.1, <b>or</b> Question 2.2 and 2.3 have a mix of answers</li> </ul> </li> <li>• <b>Fails to meet expectations =</b> <ul style="list-style-type: none"> <li>○ No to Questions 2.1, 2.2, and 2.3</li> </ul> </li> </ul>

**Clarifying text:**

- This section does not include efforts related to partners, which are covered under Question 7, Section 756(a)(7).
- Review the [GDA definition of geospatial data](#) to consider the questions in this section.
- Remember, your answers should include information about all geospatial datasets owned or managed by your agency that are, or should be, available to the public, not just National Geospatial Data Asset (NGDA) Datasets.
- Sharing standards-based data on the Internet using standard protocols and formats makes it part of the NSDI.
- Additional detail on the definition of geospatial data may be provided by OMB Circular A-16 when finalized.
- Data that will not or cannot be distributed to the public does not need to be considered for GDA-related responses.

**2.1 Does your agency ensure that all eligible geospatial data is managed so it can be shared and is it provided in standard formats, as appropriate? (This will include agency open government and transparency guidelines.)**

The following items were selected from a picklist:<sup>1</sup>

- Data is currently openly shared to the public.
- Data is currently shared on a limited basis with federal partners.
- Data is currently shared on a limited basis with non-federal users.

**2.2 Does your agency disseminate eligible geospatial data in a way that can be readily shared in open formats (for example using machine readable formats or searchable metadata)?**

- Some geospatial data, and its metadata, is shared in open formats.

**2.3 Are maintenance processes in place to ensure other Federal agencies and non-federal users have access to the most recent data in addition to data and metadata updates and corrections?**

- Some programs/datasets have maintenance processes in place.

**2.4 Optional Question: Use the following section to document up to 5 key examples of ongoing or planned activities that ensure eligible geospatial data and associated metadata can be easily shared, understood, and re-used by others, now and in the future.**

Title	Description
<b>DOI Geospatial Data Inventory</b>	Bureaus of the DOI are undergoing a geospatial data inventory as part of a full data inventory. As part of this inventory data that are not fully compliant are undergoing the registration process to make metadata available on data.doi.gov. Geospatial data registered in data.gov are automatically harvested and made available on the GeoPlatform. This activity began in 2020 and will continue until all data are fully compliant.
<b>GeoPlatform Major Upgrade</b>	The GeoPlatform began a major upgrade in 2020. The improved release incorporates automated harvesting of data eliminating the manual process to make data available to the public. The new release also makes the NGDA data themes and other fully compliant data is made available to the public through the generation of different open source compliant data service that can be incorporated into a user’s GIS software. Additionally, the GeoPlatform makes fully compliant data available for viewing over the web without specialized software.

**2.5 Brief Summary (Limit 1000 characters, or approximately 150 words): Please provide a brief description of agency actions and accomplishments in addressing Sec. 759(a)(2), "collect, maintain, disseminate, and preserve geospatial data such that the resulting data, information, or products can be readily shared with other Federal agencies and non-Federal users."**

The Department of the Interior is conducting an inventory of data has identified over 2,600 geospatial datasets. The FGDC has 173 datasets registered as NGDA theme datasets. These have robust metadata and are readily available to the public through the GeoPlatform. Fifty seven of these data sets are available to the public as an open format geospatial service link. The DOI strategic plan sets yearly targets to work toward full compliance for all datasets.

**759(a)(3) Promote Data Integration**

<b>GDA Requirement</b>	Promote the integration of geospatial data from all sources
<b>Agency Self-Assessment</b>	<b>Meets Expectations</b>
<b>KEY to Self-Assessment</b>	<ul style="list-style-type: none"> <li>• <b>Meets expectations =</b> <ul style="list-style-type: none"> <li>○ Yes to Question 3.1</li> </ul> </li> <li>• <b>Made progress toward expectations =</b> <ul style="list-style-type: none"> <li>○ Partial to Question 3.1</li> </ul> </li> <li>• <b>Fails to meet expectations =</b> <ul style="list-style-type: none"> <li>○ No to Question 3.1</li> </ul> </li> </ul>

**3.1 Has your agency taken action to promote integration of data from multiple sources?**

- Yes. The agency has taken appropriate action to promote data integration.

**3.1.a If yes or partial to Question 3.1, in what ways does your agency promote data integration from multiple sources?**

The following items were selected from a picklist:<sup>ii</sup>

- Hosts a data sharing infrastructure where partners and/or data users can share and discover data.
- Develops data integration processes to promote integration of non-agency data into applications.
- Provides data in openly standardized readable formats or as downloadable file packages.

**3.2 Brief Summary (Limit 1000 characters, or approximately 150 words): Please provide a brief description of agency actions and accomplishments in addressing Sec. 759(a)(3), "promote the integration of geospatial data from all sources."**

The Department of the Interior has taken action to integrate data from multiple sources. The DOI implements the GeoPlatform which allows any government agency to register geospatial data for use by



other federal agencies as well as the public. Data in the GeoPlatform is made available to users in open data formats. Additionally, data that has full metadata and has curated like the NGDA data themes have service endpoints that can be added to external applications. The department also participates in a number of programs to cooperatively purchase airborne and satellite imagery. The agreement to participate in National Airborne Imagery Program (NAIP) headed by the US Department of Agriculture being a prime example of interagency cooperation for data procurement and integration.

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

<b>GDA Requirement</b>	Ensure that data information products and other records created in geospatial data and activities are included on agency record schedules that have been approved by the National Archives and Records Administration
<b>Agency Self-Assessment</b>	<b>Made Progress Towards Expectations</b>
<b>KEY to Self-Assessment</b>	<ul style="list-style-type: none"> <li>• <b>Meets expectations =</b> <ul style="list-style-type: none"> <li>○ Yes to Questions 4.1 and 4.2</li> </ul> </li> <li>• <b>Made progress toward expectations =</b> <ul style="list-style-type: none"> <li>○ Yes or Partial to Questions 4.1 and 4.2 or</li> <li>○ No to either 4.1 or 4.2</li> </ul> </li> <li>• <b>Fails to meet expectations =</b> <ul style="list-style-type: none"> <li>○ No to Questions 4.1 and 4.2</li> </ul> </li> </ul>

**4.1 To ensure approved National Archives and Records Administration (NARA) schedules are in place, does the appraisal process for your agency to determine which data is archived include geospatial data?**

- Partial. Some agency programs are included in the archiving appraisal process for data information products and other records created in geospatial data and activities.

**4.2 Are geospatial data assets included on agency record schedules?**

- Partial. Some agency record schedules are inclusive of data information products and other records created in geospatial data and activities.

**4.3 Brief Summary (Limit 1000 characters, or approximately 150 words): Please provide a brief description of agency actions and accomplishments in addressing Sec. 759(a)(4), "ensure that data information products and other records created in geospatial data and activities are included on agency record schedules that have been approved by the National Archives and Records Administration."**

DOI has a mature data records management program and focuses primarily on records created, received, and used by the Department of the Interior in the conduct of official business. The DOI coordinates with the Departments' bureaus and offices and interested outside parties such as the

National Archives and Records Administration (NARA) to meet records requirements. Departmental Records Officers maintain a set of Department record disposition schedules. Currently not all geospatial data records have been included in these schedules. As part of the data inventory effort which begun in 2020 geospatial data are included in these record disposition schedules.

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

<b>GDA Requirement</b>	Allocate resources to fulfill the responsibilities of effective geospatial data collection, production, and stewardship with regard to related activities of the covered agency, and as necessary to support the activities of the Committee
<b>Agency Self-Assessment</b>	<b>Made Progress Towards Expectations</b>
<b>KEY to Self-Assessment</b>	<ul style="list-style-type: none"> <li>• <b>Meets expectations =</b> <ul style="list-style-type: none"> <li>○ Yes to Question 5.1</li> </ul> </li> <li>• <b>Made progress toward expectations =</b> <ul style="list-style-type: none"> <li>○ Partial to Question 5.1</li> </ul> </li> <li>• <b>Fails to meet expectations =</b> <ul style="list-style-type: none"> <li>○ No to Question 5.1</li> </ul> </li> </ul>

**5.1 Are adequate geospatial program resources (including full- or part-time federal employees or contractors) allocated to fulfill the responsibilities of effective geospatial data collection, production, and stewardship with regard to related activities of the covered agency, and as necessary to support the activities of the Committee?**

**Clarifying text:** Analyses of the requirements for the GDA are ongoing and it is anticipated that agencies will answer based on currently understood or anticipated requirements. Additional details can be provided in the 5.2 Brief Summary and in your agency’s 2-page PDF.

- Partial

**5.2 Brief Summary (Limit 1000 characters, or approximately 150 words): Please provide a brief description of agency actions and accomplishments in addressing Sec. 759(a)(5), "allocate resources to fulfill the responsibilities of effective geospatial data collection, production, and stewardship with regard to related activities of the covered agency, and as necessary to support the activities of the Committee."**

The DOI through the FGDC has contractor resources that work to support data and metadata curation of the NGDA data sets as they are provided in the GeoPlatform. The Department’s bureaus and offices each have their geospatial staff involved in the creation, production of geospatial data. Requirements and best practices are shared through the bureaus and offices through the monthly meeting of the DOI Geospatial Advisory Committee.

## 759(a)(6) Use Data Standards

<b>GDA Requirement</b>	Use the geospatial data standards, including the standards for metadata for geospatial data, and other appropriate standards, including documenting geospatial data with the relevant metadata and making metadata available through the GeoPlatform
<b>Agency Self-Assessment</b>	<b>Made Progress Towards Expectations</b>
<b>KEY to Self-Assessment</b>	<ul style="list-style-type: none"> <li>• <b>Meets expectations =</b> <ul style="list-style-type: none"> <li>○ Yes to Questions 6.1, 6.2 and 6.3</li> </ul> </li> <li>• <b>Made progress toward expectations =</b> <ul style="list-style-type: none"> <li>○ Any other combination of Yes, No, and Partial to Questions 6.1, 6.2, and 6.3</li> </ul> </li> <li>• <b>Fails to meet expectations =</b> <ul style="list-style-type: none"> <li>○ No to Questions 6.1, 6.2, and 6.3</li> </ul> </li> </ul>

### 6.1. Are defined data standards used in collecting, processing, and/or disseminating the data being addressed?

The following items were selected from a picklist:<sup>iii</sup>

- Partial. Some eligible geospatial datasets use FGDC-endorsed data standards.

### 6.2 Does your agency maintain its metadata in an FGDC-endorsed, or ISO-compliant geospatial metadata standard format?

**Clarifying text:** Question does not include legacy datasets that are static and no longer modified or otherwise managed. Also, see the list of endorsed FGDC-endorsed standards <https://www.fgdc.gov/standards/>.

The following items were selected from a picklist:<sup>iv</sup>

- Partial. Some eligible datasets have well maintained FGDC-endorsed or current ISO-compliant geospatial metadata.
- Partial. Some eligible datasets have FGDC-endorsed, or current ISO-compliant geospatial metadata that needs to be reviewed or refreshed.

### 6.3 Is your agency geospatial metadata available through GeoPlatform.gov?

**Clarifying Text:** For the scope of the requirement, Section 758(b)(1)(A)(iv) provides for “includ[ing] download access to all open geospatial data directly or indirectly collected by covered agencies” and Section 759(a)(6) requires that “metadata [be] available through the GeoPlatform.”

- Partial. Some metadata for some public datasets are available via GeoPlatform.gov.

**6.4 Brief Summary (Limit 1000 characters, or approximately 150 words): Please provide a brief description of agency actions and accomplishments in addressing Sec. 759(a)(6), "use the geospatial data standards, including the standards for metadata for geospatial data, and other appropriate standards, including documenting geospatial data with the relevant metadata and making metadata available through the GeoPlatform."**

Metadata is currently available on many DOI geospatial datasets and FGDC endorsed metadata standards are used. All NGDA data sets are compliant as are many other geospatial datasets. Datasets that have full metadata records registered in data.doi.gov are automatically harvested and made available in the GeoPlatform. As part of the DOI strategic plan yearly goals have been set to bring over 2,600 geospatial datasets into full compliance.

**759(a)(7) Support Coordination and Partnerships**

<b>GDA Requirement</b>	Coordinate and work in partnership with other Federal agencies, agencies of State, tribal, and local governments, institutions of higher education, and the private sector to efficiently and cost-effectively collect, integrate, maintain, disseminate, and preserve geospatial data, building upon existing non-federal geospatial data to the extent possible
<b>Agency Self-Assessment</b>	<b>Made Progress Towards Expectations</b>
<b>KEY to Self-Assessment</b>	<ul style="list-style-type: none"> <li>• <b>Meets expectations =</b> <ul style="list-style-type: none"> <li>○ Yes to Questions 7.1 and Yes or Not applicable to Question 7.2</li> </ul> </li> <li>• <b>Made progress toward expectations =</b> <ul style="list-style-type: none"> <li>○ Any combination of Yes, Not applicable, Partial, or No to Questions 7.1 and 7.2</li> </ul> </li> <li>• <b>Fails to meet expectations =</b> <ul style="list-style-type: none"> <li>○ No to Questions 7.1 and 7.2</li> </ul> </li> </ul>

**7.1 Are there processes in place to ensure that, when appropriate, partners and stakeholders have visibility into agency geospatial data management activities (e.g., collection, integration, maintenance, dissemination and preservation)?**

- Partial. There are processes in place for some agency mission areas, but not others.

**7.1.a If yes or partial to Question 7.1, which external partners and stakeholders are involved in data management activities?**

**Clarifying text:** The selection list provided was taken from the GDA Section 754(b)(C).

- States
- Local governments
- Regional governments
- Tribal governments

**7.1.b If yes or partial to Question 7.1, what processes are in place to ensure partners and stakeholders are involved?**

**Clarifying text:** When answering this question think about activities such as using surveys, listening sessions, Request for Information, booths at stakeholder conferences.

- Partnership outreach activities
- Expert consultations
- Advisory committee(s)
- Working group(s) and sub-committee(s)
- Steering committees
- Councils

**7.2 Does your agency build upon existing non-federal geospatial data?**

- Partial. Agency builds upon some existing non-federal geospatial data.

**7.2.a If yes or partial to Question 7.2, what ways do you build upon existing non-federal geospatial data?**

- Procurement/acquisition/grant
- Cooperative data collection or crowd sourcing

**7.3 Brief Summary (Limit 1000 characters, or approximately 150 words): Please provide a brief description of agency actions and accomplishments in addressing Sec. 759(a)(7), "coordinate and work in partnership with other Federal agencies, agencies of State, tribal, and local governments, institutions of higher education, and the private sector to efficiently and cost-effectively collect, integrate, maintain, disseminate, and preserve geospatial data, building upon existing non-Federal geospatial data to the extent possible."**

The Department of the Interior uses commercially available imagery data sources. The DOI works with other agencies through the Imagery for the Nation program. This program provides a sustainable program that provides data to meet the needs of local, state, regional, tribal and federal agencies. Imagery products comply with FGDC endorsed accuracy and metadata standards and provide the 'basemap' of DOI lands and areas of interest.

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

<b>GDA Requirement</b>	Use geospatial information to— (A) make Federal geospatial information and services more useful to the public; (B) enhance operations; (C) support decision making; and (D) enhance reporting to the public and to Congress;
<b>Agency Self-Assessment</b>	<b>Made Progress Towards Expectations</b>
<b>KEY to Self-Assessment</b>	<ul style="list-style-type: none"> <li>• <b>Meets expectations =</b> <ul style="list-style-type: none"> <li>○ Yes to 8.1, 8.2 and 8.3</li> </ul> </li> <li>• <b>Made progress toward expectations =</b> <ul style="list-style-type: none"> <li>○ Any combination of Yes, Partial and No to Questions 8.1, 8.2 and 8.3</li> </ul> </li> <li>• <b>Fails to meet expectations =</b> <ul style="list-style-type: none"> <li>○ No to 8.1, 8.2 and 8.3</li> </ul> </li> </ul>

759(a)(8)(A) make Federal geospatial information and services more useful to the public;

**8.1 Does your agency leverage geospatial information to make federal geospatial information and services more useful to the public?**

- Partial.

759(a)(8) (B) enhance operations;759(a)(8) (C) support decision making

**8.2 Does your agency leverage geospatial information to improve operations and decision-making?**

- Partial. Agency leverages geospatial information in operations improvements or decision-making in some programs.

759(a)(8) (D) enhance reporting to the public and to Congress

**8.3 Does your agency leverage geospatial information to enhance reporting to the public or to Congress?**

- Partial. Agency leverages some geospatial information to enhance either public or Congressional reporting.

**8.3.a If yes or partial, for which of these audiences does your agency leverage geospatial information to enhance reporting?**

- Public reports (e.g., fact sheets, data briefs, Annual reports, other published Agency reports).
- Congressional Reports.
- Internal Agency and leadership plans, reports and communications.

**8.4 Optional Question: You may provide up to 5 key examples and links that demonstrate how geospatial data assets are used, internally and externally, to make federal geospatial information and services more useful to the public; enhance operations; support decision making; and/or enhance reporting to the public and to Congress.**

<b>Example</b>
GeoPlatform: <a href="https://www.geoplatform.gov/">https://www.geoplatform.gov/</a>
The National Map: <a href="https://www.usgs.gov/core-science-systems/national-geospatial-program/national-map">https://www.usgs.gov/core-science-systems/national-geospatial-program/national-map</a>
USFWS ArcGIS Online: <a href="https://fws.maps.arcgis.com/home/index.html">https://fws.maps.arcgis.com/home/index.html</a>
National Park Service Trail Map: <a href="https://www.nps.gov/gis/storymaps/mapjournal/v2/index.html?appid=0fd54ceaad1a4d418e140e6e2021bb5b">https://www.nps.gov/gis/storymaps/mapjournal/v2/index.html?appid=0fd54ceaad1a4d418e140e6e2021bb5b</a>
OSMRE GeoMine: <a href="https://geomine.osmre.gov/">https://geomine.osmre.gov/</a>

**8.5 Brief Summary (Limit 1000 characters, or approximately 150 words): Please provide a brief description of agency actions and accomplishments in addressing Sec. 759(a)(8), "use geospatial information to—**

- (A) make federal geospatial information and services more useful to the public;**
- (B) enhance operations;**
- (C) support decision making; and**
- (D) enhance reporting to the public and to Congress;"**

The DOI actively engages the public by making data available over the internet. As shown in the examples above the DOI has developed web mapping capabilities and StoryMaps that allow the public to explore and use data. Many of the web mapping functions also include links so that these data can be incorporated into software applications used by federal agencies and the public. These data are also used to support decision making and coordination on issues such as National Environmental Policy Act (NEPA). The GeoPlatform consolidates the fully attributed metadata for these data providing the public with a single place to find government produced geospatial data.

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

<b>GDA Requirement</b>	Protect personal privacy and maintain confidentiality in accordance with Federal policy and law
<b>Agency Self-Assessment</b>	<b>Made Progress Towards Expectations</b>
<b>KEY to Self-Assessment</b>	<ul style="list-style-type: none"> <li>• <b>Meets expectations =</b> <ul style="list-style-type: none"> <li>○ Yes to Questions 9.1 and 9.2</li> </ul> </li> <li>• <b>Made progress toward expectations =</b> <ul style="list-style-type: none"> <li>○ Yes or Partial to Questions 9.1 or 9.2</li> </ul> </li> <li>• <b>Fails to meet expectations =</b> <ul style="list-style-type: none"> <li>○ No to Questions 9.1 or 9.2</li> </ul> </li> </ul>

**9.1 Are agency Privacy Threshold Assessment or Privacy Impact Assessment (PTA/PIA) processes inclusive of your geospatial data?**

**Clarifying Text:** The Privacy Threshold Assessment/Analysis would be the mechanism that agencies use to determine if PII is, or is not collected, and whether a Privacy Impact Assessment needs to be done for an information system.

- Partial. The agency's PTA/PIA processes are inclusive of some agency data.

**9.2 Are the IT systems and applications that maintain and support your geospatial data covered by a current Authorization to Operate (ATO)?**

- Partial. Some Agency geospatial data is housed in a system covered by a current ATO in accordance with applicable laws and regulations.

**9.3 Brief Summary (Limit 1000 characters, or approximately 150 words): Please provide a brief description of agency actions and accomplishments in addressing Sec. 759(a)(9), "protect personal privacy and maintain confidentiality in accordance with Federal policy and law."**

The DOI has an established privacy program with an publicly available privacy policy. Each bureau in the DOI has also established guidance for protecting privacy information. The web mapping platform ESRI ArcGIS Online (AGOL) is accredited a Federal Information Security Management Act (FISMA) low and does not contain any privacy related or sensitive data. The GeoPlatform and the Amazon Web Services made available to federal agencies is rated at FISMA moderate to protect a limited amount of data that do contain privacy related data. The DOI is working with the software company ESRI to increase the AGOL FISMA rating to allow expanded capability of this web mapping service by 2023.



759(a)(10) Declassified Data

<b>GDA Requirement</b>	Participate in determining, when applicable, whether declassified data can contribute to and become a part of the National Spatial Data Infrastructure
<b>Agency Self-Assessment</b>	<b>Meets Expectations</b>
<b>KEY to Self-Assessment</b>	<ul style="list-style-type: none"> <li>• <b>Meets expectations =</b> <ul style="list-style-type: none"> <li>○ Yes or Not applicable to Question 10.1</li> </ul> </li> <li>• <b>Fails to meet expectations =</b> <ul style="list-style-type: none"> <li>○ No to Question 10.1</li> </ul> </li> </ul>

**10.1 If your Agency handles classified geospatial datasets, does it have a process to review declassified datasets for inclusion in the NSDI?**

**Clarifying text:** Sharing standards-based data on the Internet using standard protocols and formats makes it part of the NSDI.

- Yes. The agency has a process to review declassified datasets for inclusion in the NSDI.

**10.2 Brief Summary (Limit 1000 characters, or approximately 150 words): Please provide a brief description of agency actions and accomplishments in addressing Sec. 759(a)(10), "participate in determining, when applicable, whether declassified data can contribute to and become a part of the National Spatial Data Infrastructure."**

The United States Geological Survey (USGS) works with the National Archive Records Administration (NARA) to make declassified satellite imagery to make it available to the public. Data from classified systems that operated from 1971 to 1984 are of historical and scientific interest. These data also support current research on climate change and related fields. These data have been declassified as part of Executive Order 12951 and transferred to the U.S. Geological Survey's Earth Resources Observation and Science (EROS) center. The USGS EarthExplorer can be used to search, preview, and download existing digital files at no cost. Declassified imagery is identified by the Digital Object Identifier (DOI) number 10.5066/F78P5XZM.

759(a)(11) Non-Duplication of Data

<b>GDA Requirement</b>	Search all sources, including the GeoPlatform, to determine if existing Federal, State, local, or private geospatial data meets the needs of the covered agency before expending funds for geospatial data collection
<b>Agency Self-Assessment</b>	<b>Made Progress Towards Expectations</b>
<b>KEY to Self-Assessment</b>	<ul style="list-style-type: none"> <li>• <b>Meets expectations =</b> <ul style="list-style-type: none"> <li>○ No to Question 11.1 <b>or</b></li> <li>○ Yes to Questions 11.1 and 11.2 and all agency appropriate responses to Question 11.3</li> </ul> </li> <li>• <b>Made progress toward expectations =</b> <ul style="list-style-type: none"> <li>○ Yes to Question 11.1 and Partial or No to Question 11.2 and agency appropriate responses to Question 11.3</li> </ul> </li> <li>• <b>Fails to meet expectations =</b> <ul style="list-style-type: none"> <li>○ Yes to Question 11.1 and No to Question 11.2 and <i>No additional assessments are done</i> selected for Question 11.3</li> </ul> </li> </ul>

**11.1 Has your agency expended funds for geospatial data collection for the reporting period?**

**Clarifying text:** “Expended funds” may include grant distribution, agency collection, or procurement of data.

- Yes

**11.2 As per [OMB Circular A-11 Guidance](#) (Section 25, Page 3), has your agency searched the [GeoPlatform Marketplace](#) prior to making planned geospatial data investments to determine if an existing source for that data is available and meets mission requirements?**

- Partial. Agency has searched GeoPlatform Marketplace prior to some geospatial data investments.

**11.3 Has your agency searched other sources to determine if data necessary to meet requirements already exists (either within or outside the agency) before collecting or acquiring new data?**

**The following items were selected from a picklist:’**

- Market research
- Cross-agency or partner coordination
- Expert consultation
- Database search
- Agency follows a documented process or official policy

**11.4 Optional Question: You may provide examples of cases where the agency did find existing data that met its needs or partnered on a joint data acquisition.**

- Not applicable.

**11.5 Brief Summary (Limit 1000 characters, or approximately 150 words): Please provide a brief description of agency actions and accomplishments in addressing Sec. 759(a)(11), "Search all sources, including the GeoPlatform, to determine if existing Federal, State, local, or private geospatial data meets the needs of the covered agency before expending funds for geospatial data collection."**

In November 2020 the DOI issued Department of the Interior Acquisition, Arts, and Asset Policy (DOI-AAAP) 0169. This policy applied to all planned acquisition action within the Department and requires that any purchase of geospatial data comply with metadata guidance issued by the FGDC. Additionally it specifies any request for geospatial data be accompanied by a written affirmation that a search was conducted on the GeoPlatform to determine that no existing Federal, State, local or private data meets the Government’s needs.

759(a)(12) Ensuring High-Quality Data

<b>GDA Requirement</b>	To the maximum extent practicable, ensure that a person receiving Federal funds for geospatial data collection provides high-quality data
<b>Agency Self-Assessment</b>	<b>Meets Expectations</b>
<b>KEY to Self-Assessment</b>	<ul style="list-style-type: none"> <li>• <b>Meets expectations =</b> <ul style="list-style-type: none"> <li>○ No to Question 12.1 <b>or</b></li> <li>○ Yes to Question 12.1 and <b>all</b> appropriate selections for Question 12.2</li> </ul> </li> <li>• <b>Made progress toward expectations =</b> <ul style="list-style-type: none"> <li>○ Yes to Question 12.1 and <b>some</b> agency appropriate selections for Question 12.2</li> </ul> </li> <li>• <b>Fails to meet expectations =</b> <ul style="list-style-type: none"> <li>○ Yes to Question 12.1 and <i>No official documented Quality Assurance/Quality Control (QA/QC) process is in place for acquisition of geospatial data selected for Question 12.2</i></li> </ul> </li> </ul>

**12.1 Has your agency expended funds for geospatial data collection from non-federal sources during the reporting period?**

**Clarifying text:** The requirement for “a person receiving Federal funds” has been interpreted to mean non-federal organizations or corporations who are, for example, contract or grant recipients.

- Yes

**12.2 What methods does your agency employ to ensure quality in geospatial data collected from non-federal sources?**

The following items were selected from a picklist:<sup>vi</sup>

- Evaluate data for quality prior to any acquisition.
- Geospatial data quality standards are specified in contract documents.
- Independent verification and validation (IV&V).
- Staff data experts review and approve geospatial data deliverables.
- Data standards are enforced through automated processes such as database controls or script tools.
- The Agency acquires data from another federal Agency that is responsible for QA/QC.

**12.3 Brief Summary (Limit 1000 characters, or approximately 150 words): Please provide a brief description of agency actions and accomplishments in addressing Sec. 759(a)(12), "to the maximum extent practicable, ensure that a person receiving Federal funds for geospatial data collection provides high-quality data."**

The Department of the Interior follows acquisition policy set forth in IAAP-0169 for Geospatial data. Most data acquisitions are for airborne and satellite imagery data. The National Digital Ortho Program (NDOP) is a joint program with the US Geologic Survey and the Department of Agriculture. Under NDOP The Imagery for the Nation Acquisition Guidelines V6 has specific technical requirements for data quality under this program and serves as a reference for any imagery purchases.

**759(a)(13) Point of Contact**

<b>GDA Requirement</b>	Appoint a contact to coordinate with the lead covered agencies for collection, acquisition, maintenance, and dissemination of the National Geospatial Data Asset data themes used by the covered agency
<b>Agency Self-Assessment</b>	<b>Meets Expectations</b>
<b>KEY to Self-Assessment</b>	<ul style="list-style-type: none"> <li>• <b>Meets expectations =</b> <ul style="list-style-type: none"> <li>○ Yes to Question 13.1</li> </ul> </li> <li>• <b>Fails to meet expectations =</b> <ul style="list-style-type: none"> <li>○ No to Question 13.1</li> </ul> </li> </ul>

**13.1 Has your agency appointed a POC to coordinate with the lead covered agencies for collection, acquisition, maintenance, and dissemination of the NGDA data themes used by the covered agency?**

**Clarifying text:** OMB Circular A-16 may include additional guidance on covered agency responsibilities for theme coordination.

- Yes. An agency POC has been appointed.

**13.2 Brief Summary (Limit 1000 characters, or approximately 150 words): Please provide a brief description of agency actions and accomplishments in addressing Sec. 759(a)(13), "appoint a contact to coordinate with the lead covered agencies for collection, acquisition, maintenance, and dissemination of the National Geospatial Data Asset data themes used by the covered agency."**

The Department of the Interior coordinates with the FGDC for the development, maintenance and dissemination of the NGDA data themes. The DOI contributes data for 11 of the NGDA data themes and has a theme lead for each. These data themes are compiled of data from six bureaus within the DOI. Final data coordination is lead by the FGDC before incorporation into the GeoPlatform.

## Appendix A: Survey Picklists

This appendix provides the full set of choices presented in the self-assessment survey as “check all that apply” responses used to generate this covered agency report.

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### <sup>i</sup> Question 2.1 Picklist

- Data is currently openly shared to the public.
- Data is currently shared on a limited basis with federal partners.
- Data is currently shared on a limited basis with non-federal users.
- No data is currently shared to other federal agencies or non-federal users. (Note: For some agencies, this may be an appropriate response).

### <sup>ii</sup> Question 3.1.a. Picklist

- Hosts a data sharing infrastructure where partners and/or data users can share and discover data.
- Develops a data integration toolkit or APIs to promote integration of agency data in external applications.
- Develops data integration processes to promote integration of non-agency data into applications.
- Provides data in openly standardized readable formats or as downloadable file packages.
- Develops data sharing agreements or Memoranda Of Agreement (MOA) with public and private partners for ingest or sharing of data.
- Other (Textboxes provided)

### <sup>iii</sup> Question 6.1 Picklist

- Yes. Eligible geospatial datasets use FGDC-endorsed data standards.
- Yes. Eligible geospatial datasets use data standards that comply with OMB Circular A-119.
- Partial. Some eligible geospatial datasets use FGDC-endorsed data standards.
- Partial. Some eligible geospatial datasets use data standards that comply with OMB Circular A-119.
- No. Eligible agency geospatial datasets do not use FGDC-endorsed data standards or standards that comply with OMB Circular A-119.

### <sup>iv</sup> Question 6.2 Picklist

- Yes. Eligible non-legacy datasets have well maintained FGDC-endorsed or current ISO-compliant geospatial metadata.
- Partial. Some eligible datasets have well maintained FGDC-endorsed or current ISO-compliant geospatial metadata.
- Partial. Some eligible datasets have FGDC-endorsed or current ISO-compliant geospatial metadata, that needs to be reviewed or refreshed.
- No. Agency datasets do not use FGDC-endorsed or current ISO-compliant geospatial metadata standards.

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<sup>v</sup> Question 11.3 Picklist

- Market research
- Cross-agency or partner coordination
- Expert consultation
- Database search
- Agency follows a documented process or official policy
- No additional assessments are done
- Other (Textboxes provided)

<sup>vi</sup> Question 12.2 Picklist

- Evaluate data for quality prior to any acquisition.
- Geospatial data quality standards are specified in contract documents.
- Independent verification and validation (IV&V).
- Staff data experts review and approve geospatial data deliverables.
- Data standards are enforced through automated processes such as database controls or script tools.
- The agency acquires data from another federal agency that is responsible for QA/QC.
- No official documented QA/QC process is in place for acquisition of geospatial data.
- Other (Textboxes provided).