

Geodetic Control Theme Strategic Plan 2025 - 2027

Geospatial Data Act of 2018
Section USC 43 Sec 2805(b)(3) Requirements

September 30, 2024



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1. Introduction

This Geodetic Control Theme Strategic Plan (henceforth Plan), developed in Fiscal Year (FY) 2024, spans three years, FY 2025 - FY 2027. The Plan outlines a strategy to achieve progress toward meeting [Section 2805 of the Geospatial Data Act of 2018](#)¹ (GDA). The Plan derives its origin from Sec. 2805 (b)(3)(B) to “provide leadership and facilitate the development and implementation of a plan for nationwide population of the National Geospatial Data Asset data theme.” The Plan is organized by goals, addressing major subsections of Sec. 2805, objectives supporting the goals, and anticipated actions to be taken over the lifecycle of the Plan to achieve progress.² In addition to meeting GDA requirements, these goals and objectives align with the [National Spatial Data Infrastructure \(NSDI\) Strategic Plan](#)³ as required by Section 2805(b)(3)(C). A crosswalk of the GDA and the NSDI Strategic Plan can be found in Appendix A of this document. For each FY covered by the Plan, the lead covered agency theme (see Background below) will generate an annual performance report, as required by the GDA, to inform on progress in achieving the Plan.

The Geodetic Control Theme contains foundational NGDAs that are intrinsic to the other NGDAs. They provide the control for determining geospatial coordinates. However, these foundational NGDAs must still meet all requirements as any other NGDA. This plan details how they comply with GDA requirements. The Geodetic Control Theme works alongside the Federal Geodetic Control Subcommittee to ensure that the NGDAs are used by the community to achieve success.

1. Background

The Federal Geographic Data Committee (FGDC), henceforth Committee, is composed of both covered and non-covered agencies as defined by the GDA. For each National Geospatial Data Asset (NGDA) data theme (henceforth theme), the Committee designates one or more covered agencies as lead covered agencies (LCA) for the theme. As called for in the [OMB Circular A-16 Supplemental Guidance](#),⁴ the lead covered agencies designate theme leads to oversee the management of the theme. The lead covered agencies have taken a coordinated approach to addressing GDA section 2805.

Starting in late FY 2022 and continuing into FY 2024, lead covered agencies collaborated on a common approach to improving annual performance reporting.⁵ The result is a Theme Strategic Plan template for

¹ <https://www.fgdc.gov/gda/43-usc-ch-46-geospatial-data-geospatial-data-act.pdf#page=8>

² Sec 2802(c)(A)(i) an evaluation of the progress of each lead covered agency in achieving the requirements under subparagraphs (A), (B), (C), and (D) of section 2805(b)(3) of this title; and (ii) a determination of whether, for each of subparagraphs (A), (B), (C), and (D) of section 2805(b)(3) of this title, each lead covered agency meets expectations, has made progress toward expectations, or fails to meet expectations.

³ <https://www.fgdc.gov/nsdi-plan>

⁴ https://www.whitehouse.gov/wp-content/uploads/legacy_drupal_files/omb/memoranda/2011/m11-03.pdf.

It should be noted that the revised Circular A-16 is currently in development for release by the Office of Management and Budget for use by the FGDC Community. Associated Technical Guidance may be developed by FGDC once the revised Circular is released.

⁵ NSDI Strategic Plan Goal 1.3. Identify common approaches and tools to meet GDA and related planning and reporting requirements.

Sec 2805 (b)(3)(E)(ii)(I): (ii) submit to the Committee—

use by all themes based on a common set of goals and objectives to meet the GDA requirements. This approach ensures the application of a common set of metrics and allows the FGDC Office of the Secretariat (FGDC OS) to provide a consistent summary of individual and collective progress made by all themes in meeting GDA requirements. Depending on their complexity, themes may expand beyond the common set of goals, objectives, and actions within the template. In subsequent years, within the lifecycle of the Plan, the Department of Commerce (DOC) through the National Oceanic and Atmospheric Administration (NOAA) National Geodetic Survey (NGS) for the Geodetic Control Theme will provide an annual report that includes status on identified actions and demonstrates progress made in achieving the Plan goals and objectives aligned to the GDA requirements.

I. Goal: 2805(b)(3)(E) – Administer the Theme

The Committee designates National Geospatial Data Asset data themes (henceforth theme).⁶ The Committee also designates one or more covered agencies as the lead covered agencies for each theme.⁷ Themes may include NGDA datasets that are contributed by other covered agencies and non-covered agencies. The Department of Commerce is designated the lead for the Geodetic Control Theme, but it has delegated authority to perform these tasks to NOAA's National Geodetic Survey.

I.A. Objective: 2805(b)(3)(E)(i) – Point of Contact

The GDA requires lead covered agencies to designate a point of contact within the lead covered agency who shall be responsible for developing, maintaining, coordination relating to, and disseminating data using the GeoPlatform.

GDA Reference

(b) *Lead covered agencies*

(3) *Specific responsibilities*

To assist in fulfilling the responsibilities under paragraph (2) with respect to a National Geospatial Data Asset data theme, the lead covered agencies shall—

(E) *as part of administering the National Geospatial Data Asset data theme—*

(i) *designate a point of contact within the lead covered agency who shall be responsible for developing, maintaining, coordination relating to, and disseminating data using the GeoPlatform;*

(I) *a performance report, at least annually, that documents the activities relating to and implementation of the National Geospatial Data Asset data theme, including progress in achieving the requirements under subparagraphs (A), (B), (C), and (D); and*

I.A.i. Action(s) to Meet Objective: 2805(b)(3)(E)(i) – Point of Contact

The DOC/NOAA shall designate a point of contact (POC) who shall be responsible for developing, maintaining, coordination relating to, and disseminating data using the GeoPlatform. The POC will be updated and reported annually.

⁶ Sec 2805(a) the term "National Geospatial Data Asset data theme" is defined as the National Geospatial Data Asset core geospatial datasets (including electronic records and coordinates) relating to a topic or subject designated under section 2805 of this title.

⁷ Sec 2805(b)(1) For each National Geospatial Data Asset data theme, the Committee shall designate one or more covered agencies as the lead covered agencies for the National Geospatial Data Asset data theme.

In addition to annual reporting, the DOC/NOAA's National Geodetic Survey shall inform the Committee of interim changes to the POC as necessary to maintain continuity.

In addition to the Theme Champion, Theme Lead and NGDA Managers, the DOC/NOAA's National Geodetic Survey shall ensure that a Metadata Manager is assigned. Alternative NGDA Managers may also be assigned for maintenance of the NGDAs.

I.B. Objective: 2805(b)(3)(E)(ii)(I) – Annual Reporting

The GDA requires lead covered agencies to submit a performance report, at least annually, that documents the activities relating to and implementation of the National Geospatial Data Asset data theme.

GDA Reference

(b) *Lead covered agencies*

(3) *Specific responsibilities*

To assist in fulfilling the responsibilities under paragraph (2) with respect to a National Geospatial Data Asset data theme, the lead covered agencies shall—

(E) *as part of administering the National Geospatial Data Asset data theme—*

(ii) *submit to the Committee—*

(I) *a performance report, at least annually, that documents the activities relating to and implementation of the National Geospatial Data Asset data theme, including progress in achieving the requirements under subparagraphs (A), (B), (C), and (D); and*

I.B.i. Action(s) to Meet Objective: 2805(b)(3)(E)(ii)(I) – Annual Reporting

The DOC/NOAA's National Geodetic Survey shall submit a performance report annually, that documents the activities relating to and implementation of the National Geospatial Data Asset data theme, including progress in achieving the requirements under subparagraphs (A), (B), (C), and (D).

The DOC/NOAA's National Geodetic Survey shall also ensure that the Geodetic Control Theme Strategic Plan aligns with appropriate Departmental Strategic Plans that support the implementation of geodetic control as a part of broader mission requirements. The DOC/NOAA's National Geodetic Survey shall also align efforts with the foundational Geodetic Control Theme to those for NGDAs of other Lead Covered Agencies.

I.C. Objective: 2805(b)(3)(E)(ii)(II) – Annual Report Comments

The GDA requires lead covered agencies to submit comments to the Committee about the annual performance summary, as appropriate.

GDA Reference

(b) *Lead covered agencies*

(3) *Specific responsibilities*

To assist in fulfilling the responsibilities under paragraph (2) with respect to a National Geospatial Data Asset data theme, the lead covered agencies shall—

(E) *as part of administering the National Geospatial Data Asset data theme—*

(ii) *submit to the Committee—*

(II) comments, as appropriate, regarding the summary and evaluation of the performance report provided by the Committee under section 2802(c)(12) of this title;

I.C.i. Action(s) to Meet Objective: 2805(b)(3)(E)(ii)(II) – Annual Report Comments

The DOC/NOAA's National Geodetic Survey shall submit comments, as appropriate, regarding the summary and evaluation of the performance report provided by the FGDC OS under section 2802(c)(12).

II. Goal: 2805(b)(3)(B) – Provide leadership and facilitate the development and implementation of a plan for nationwide population of the National Geospatial Data Asset data theme

The Geodetic Control Theme Lead developed this Plan in coordination with the agencies that manage and contribute to NGDA datasets within the Theme. Over the next three years, the Theme Lead shall facilitate the implementation of this Plan through annual performance reporting. Each of the following goals and objectives within this Plan support the nationwide population of the National Geospatial Data Asset data theme in direct correlation with the GDA.

II.A. Objective: 2805(b)(3)(B)(i) – Partnerships

The GDA requires lead covered agencies to provide leadership and facilitate a plan to develop partnership programs with states, Indian tribes, institutions of higher education, private sector entities, other federal agencies, and local governments.

GDA Reference

(b) Lead covered agencies

(3) Specific responsibilities

To assist in fulfilling the responsibilities under paragraph (2) with respect to a National Geospatial Data Asset data theme, the lead covered agencies shall—

(B) provide leadership and facilitate the development and implementation of a plan for nationwide population of the National Geospatial Data Asset data theme, which shall—

(i) include developing partnership programs with States, Indian tribes, institutions of higher education, private sector entities, other Federal agencies, and local governments;

II.A.i. Action(s) to Meet Objective: 2805(b)(3)(B)(i) – Partnerships

The Geodetic Control Theme NGDAs derive from significant public-private partnerships. This Plan highlights the need to sustain and grow those partnerships to ensure the continuity and integrity of the NGDAs to meet mission requirements throughout the Department of Commerce and other Lead Covered Agencies that rely on the Geodetic Control Theme. The Geodetic Control Theme leads efforts nationally to meet at regional, national and global events to demonstrate leadership, represent U.S. interests and ensure compliance with international standards and norms. Leadership in a number of organizations, working groups, and subcommittees foster these partnerships.

Significant outreach efforts will continue with public, private, academic and international partners. The primary customer for the Geodetic Control Theme remains U.S. agencies that hold and collect geospatial data. Partnerships shall also be maintained with state, regional, and tribal governments. Interaction with both the private sector and academia shall continue to foster adoption of the Geodetic Control Theme throughout the U.S. geospatial ecosystem. Additionally, partnerships shall continue with regional and global Intergovernmental Organizations and professional and scientific Non-Governmental Organizations in support of the Geodetic Control Theme.

II.B. Objective: 2805(b)(3)(B)(ii) and 2805(b)(3)(D) – User Needs

The GDA requires lead covered agencies to provide leadership and facilitate a plan to meet the needs of users of geospatial data including a process to, as necessary, collect and analyze information from users of NGDA within the Theme and incorporate the needs of those users into strategies related to the NGDA data theme.

GDA References

(b) Lead covered agencies

(3) Specific responsibilities

To assist in fulfilling the responsibilities under paragraph (2) with respect to a National Geospatial Data Asset data theme, the lead covered agencies shall—

(B) provide leadership and facilitate the development and implementation of a plan for nationwide population of the National Geospatial Data Asset data theme, which shall—

(ii) meet the needs of users of geospatial data;

AND

(b)(3)(D) as necessary, collect and analyze information from users of geospatial data within the National Geospatial Data Asset data theme regarding the needs of the users for geospatial data and incorporate the needs of users in strategies relating to the National Geospatial Data Asset data theme;

II.B.i. Action(s) to Meet Objective: 2805(b)(3)(B)(ii) and 2805(b)(3)(D) – User Needs

The DOC/NOAA's National Geodetic Survey shall engage through the partnerships listed in II.A.i and through other fora to ensure that the needs and requirements of users are understood and met where possible. The various regional and national organizations that provide a bulk of the customer interface offer an opportunity for contact with customers.

The DOC/NOAA's National Geodetic Survey shall ensure that an appropriate Communication and Outreach Plan is developed to ensure contact with a broad spectrum of users of Geodetic Control. Appropriate meetings and conferences will be identified, and qualified staff shall present on the status, availability, opportunities involving geodetic control. This Plan will solicit input on user needs and mission requirements to optimize delivery of data and services.

II.C. Objective: 2805(b)(3)(B)(iii) – Human and Financial Resources

The GDA requires lead covered agencies to provide leadership and facilitate a plan to address human and financial resource needs for the nationwide population of the NGDA data theme.

GDA Reference

(b) Lead covered agencies

(3) Specific responsibilities

To assist in fulfilling the responsibilities under paragraph (2) with respect to a National Geospatial Data Asset data theme, the lead covered agencies shall—

(B) provide leadership and facilitate the development and implementation of a plan for nationwide population of the National Geospatial Data Asset data theme, which shall—

(iii) address human and financial resource needs;

II.C.i. Action(s) to Meet Objective: 2805(b)(3)(B)(iii) – Human and Financial Resources

The DOC/NOAA’s National Geodetic Survey demonstrates leadership by effectively managing existing human and financial resources needed to meet NGDA guidelines and regulations. The Geodetic Control Theme works to optimize available assets and leverage existing resources creatively, ensuring compliance and the highest standards of data integrity. While the core GDA requirements are currently being met, additional resources are still crucial to fully support and sustain NGDA management and ensure continued adherence to standards and regulations as well as address the requirements for implementing a plan for nationwide population of the NGDA theme.

II.D. Objective: 2805(b)(3)(E)(iii) – Publish Maps or Comparable Graphics Online

The GDA requires lead covered agencies to publish maps or comparable graphics online showing the extent and status of NGDA data within the Theme.

GDA Reference

(b) Lead covered agencies

(3) Specific responsibilities

To assist in fulfilling the responsibilities under paragraph (2) with respect to a National Geospatial Data Asset data theme, the lead covered agencies shall—

(E) as part of administering the National Geospatial Data Asset data theme—

(iii) publish maps or comparable graphics online (in accordance with the mapping conventions specified by the Committee) showing the extent and status of the National Geospatial Data Asset data themes for which the covered agency is a lead covered agency;

II.D.i. Action(s) to Meet Objective: 2805(b)(3)(E)(iii) – Publish Maps or Comparable Graphics Online

The Geodetic Control Theme NGDAs provide the control for defining mapping and charting products and services. They are maintained on site with appropriate user interfaces to permit retrieval for users. Additionally, several of the NGDAs are archived at NOAA’s National Centers for Environmental Information (NCEI) with others backed up locally. Finally, all NGDAs are made available through GeoPlatform.Gov and Data.gov for users.

In addition to the NGDA data, several user services are oriented to using NGDA data and providing refined geodetic control for users inside and outside the U.S. government. The tools permit users to determine positions for their requirements for various mapping and charting products. Graphics are available to render the overall quality and availability of NGDAs for users to download for their applications.

II.E. Objective: 2805(b)(3)(E)(iv) – Provide Access to NGDA Through the GeoPlatform

The GDA requires lead covered agencies to encourage Theme data and metadata sources to share their data via the GeoPlatform.

GDA Reference

(b) *Lead covered agencies*

(3) *Specific responsibilities*

To assist in fulfilling the responsibilities under paragraph (2) with respect to a National Geospatial Data Asset data theme, the lead covered agencies shall—

(E) *as part of administering the National Geospatial Data Asset data theme—*

(iv) *encourage individuals and entities that are a source of geospatial data or metadata for geospatial data for the National Geospatial Data Asset data theme to provide access to such data through the GeoPlatform;*

II.E.i. [Action\(s\) to Meet Objective: 2805\(b\)\(3\)\(E\)\(iv\) – Provide Access to NGDA Through the GeoPlatform](#)

The DOC/NOAA's National Geodetic Survey ensures that all NGDAs in the Geodetic Control Theme are maintained on NOAA servers. These data are harvested to Data.gov and harvested to Geoplatform.gov for users. The NGDA dataset managers all have access to their respective pages and these are maintained in conformance with standards specified by the FGDC.

Public partners in the public-private partnerships that provide data to the NGDAs acknowledge and expect that their data will be vetted and made available for broader use, in particular, through Geoplatform.gov.

II.F. [Objective: 2805\(b\)\(3\)\(E\)\(v\) – Coordinate with the GeoPlatform](#)

The GDA requires lead covered agencies to coordinate with the GeoPlatform as part of administering the NGDA data theme.

GDA Reference

(b) *Lead covered agencies*

(3) *Specific responsibilities*

To assist in fulfilling the responsibilities under paragraph (2) with respect to a National Geospatial Data Asset data theme, the lead covered agencies shall—

(E) *as part of administering the National Geospatial Data Asset data theme—*

(v) *coordinate with the GeoPlatform;*

II.F.i. [Action\(s\) to Meet Objective: 2805\(b\)\(3\)\(E\)\(v\) – Coordinate with the GeoPlatform](#)

As part of administering the Geodetic Control theme, the theme lead will coordinate with the GeoPlatform by attending monthly NGDA Theme meetings. The NGDA dataset managers will participate where and when needed. The Theme Lead and dataset managers will ensure that NGDAs are harvested to Data.gov for harvesting to Geoplatform.gov. They will assist with development of the annual Lead Covered Agency report and development of Theme Strategic Plans and ensure all datasets meet FGDC Technical Guidance requirements. Theme leads will coordinate with GeoPlatform to ensure NGDA metadata is properly harvested in Data.gov and Geoplatform.gov as needed.

II.G. Objective: 2805(b)(3)(E)(vi) – Publish Proven Geospatial Practices

The GDA requires lead covered agencies to identify and publish proven practices for the use and application of geospatial data of the LCA as part of administering the NGDA data theme.

GDA Reference

(b) *Lead covered agencies*

(3) *Specific responsibilities*

To assist in fulfilling the responsibilities under paragraph (2) with respect to a National Geospatial Data Asset data theme, the lead covered agencies shall—

(E) *as part of administering the National Geospatial Data Asset data theme—*

(vi) *identify and publish proven practices for the use and application of geospatial data of the lead covered agency.*

II.G.i. Action(s) to Meet Objective: 2805(b)(3)(E)(vi) – Publish Proven Geospatial Practices

The Geodetic Control Theme shall identify and publish proven practices and standards for the use and application of its geodetic control data by providing guides, best practices, standards, and standard operating procedures. Since geodetic control underpins all other NGDAs, appropriate international and national standards will be highlighted for use by other NGDAs to the FGDC. The DOC/NOAA's National Geodetic Survey shall develop appropriate standards for adoption by the FGDC for any areas involving the use of geodetic control that are not addressed by given international or national standards.

The DOC/NOAA's National Geodetic Survey shall develop appropriate software, standard operating procedures and guidelines for the use of geodetic control to ensure that all users can comply in a consistent manner for the entire geospatial ecosystem inside and outside of the U.S. government.

The DOC/NOAA's National Geodetic Survey shall work with academia, industry partners and international standards organizations to ensure that software applications provide geospatial products appropriately tied to the geodetic control.

III. Goal: 2805(b)(3)(A), (b)(3)(B)(iv) – Assess Metadata and Data Standards

To maximize the utility of the theme, the GDA requires lead covered agencies to identify needs related to the following three items: data standards for geospatial data within the NGDA data theme, metadata standards for geospatial data within the NGDA data theme, and access to NGDA data and metadata through the GeoPlatform.

III.A. Objective: 2805(b)(3)(B)(iv) – Metadata Standards

The GDA requires lead covered agencies to identify needs related to standards, metadata for geospatial data within the NGDA data theme, and the GeoPlatform to ensure that the NGDA are Findable, Accessible, Interoperable, and Reusable (FAIR).

GDA Reference

(b) *Lead covered agencies*

(3) *Specific responsibilities*

To assist in fulfilling the responsibilities under paragraph (2) with respect to a National Geospatial Data Asset data theme, the lead covered agencies shall—

(B) *provide leadership and facilitate the development and implementation of a plan for nationwide population of the National Geospatial Data Asset data theme, which shall—*

(iv) *identify needs relating to standards, metadata for geospatial data within the National Geospatial Data Asset data theme, and the GeoPlatform;*

III.A.i. Action(s) to Meet Objective: 2805(b)(3)(B)(iv) – Metadata Standards

The Geodetic Control Theme lead will coordinate with theme dataset managers to update NGDA dataset metadata content as needed to follow the recommended best practices with the [FGDC Technical Guidance: Data.gov and The GeoPlatform Metadata Recommendations Including Guidelines for National Geospatial Data Assets \(NGDA\)](#).⁸ The Geodetic Control Theme lead will also maintain the edits made to comply with the FGDC technical guidance. Specific actions include but are not limited to, adding or updating dataset creation and/or publication dates, updating web service documentation (e.g., URLs and Global Change Master Directory (GCMD) Keywords) to increase findability, and providing metadata for individual collection members (child) in addition to the metadata record for the entire collection (parent) when appropriate.

The DOC/NOAA's National Geodetic Survey is required by the Geospatial Data Act to document geospatial data with standard metadata in the national GeoPlatform. The Department of Commerce has delegated authority to perform these tasks to NOAA's National Geodetic Survey. All NGDAs housed under NOAA are required to comply or be interoperable with the ISO 19115-2 metadata standard as per the NOAA Data Management Handbook. InPort, which is NOAA's metadata management system, produces and provides ISO 19115-2 metadata to the NOAA Data Catalog and as a viewable XML.

⁸ FGDC Technical Guidance: Data.gov and The GeoPlatform Metadata Recommendations Including Guidelines for National Geospatial Data Assets (NGDA)
<https://www.fgdc.gov/technical-guidance/metadata/fgdc-technical-guidance-datagov-geoplatform-ngda.pdf>

Additionally, much of the NGDA datasets are comprised of point data and must adhere to the ISO 19115-1 standard.

III.B. Objective: 2805(b)(3)(A)(i); (ii); (iii) – Data Standards

The GDA requires lead covered agencies to develop a plan to originate and implement needed standards consistent with relevant community and international practices in accordance with Office of Management and Budget Circular A–119, or any successor thereto.

GDA Reference

(b) Lead covered agencies

(3) Specific responsibilities

To assist in fulfilling the responsibilities under paragraph (2) with respect to a National Geospatial Data Asset data theme, the lead covered agencies shall—

(A) provide leadership and facilitate the development and implementation of geospatial data standards for the National Geospatial Data Asset data theme, with a particular emphasis on a data content standard for the National Geospatial Data Asset data theme, including by—

(i) assessing existing standards;

(ii) identifying anticipated or needed data standards; and

(iii) developing a plan to originate and implement needed standards with relevant community and international practices—.

NGDA Baseline Standards Inventory

In 2021, the lead covered agencies participated in an FGDC-conducted NGDA standards inventory. This inventory was the initial action to identify the standards currently in use, or that needed to be removed or replaced, in the Committee’s list of previously endorsed standards. The inventory will be used to inform the changes required in the FGDC-approved standards list once the Committee implements a process to “establish and maintain geospatial data standards” in accordance with the GDA. The standards inventory results and background information are available on the GeoPlatform NGDA Portfolio [Standards](#)⁹ page.

III.B.i. Action(s) to Meet Objective: 2805(b)(3)(A)(i); (ii); (iii) – Data Standards

The Geodetic Control Theme will provide leadership and facilitate the development and implementation of geospatial data content standards by participating in groups supporting NGDA data standards, FGDC working groups, agency data standards working groups, and international standards bodies. These groups may include, but are not limited to, the UN Global Geospatial Information Management, the Subcommittee on Geodesy, The Marine Geospatial Information Working Group, the International Association of Geodesy (IAG), The International Federation of Surveyors (FIG), the U.S. Baseline Committee (Department of State), the Baseline Standard Committee (Department of State), the Open Geospatial Consortium (OGC), the International Organization for Standardization (ISO), and the International Hydrographic Organization (IHO).

The Geodetic Control Theme datasets will be reviewed regularly to ensure they follow data content standards consistent with relevant community and international practices. A list of FGDC-endorsed data

⁹ <https://ngda-portfolio-community-geoplatfrom.hub.arcgis.com/pages/standards>

content standards and/or voluntary consensus standards that are applicable to the Theme's NGDA Datasets will be published on the Theme Hub Site after the 2024 standards inventory is complete. If standards are changed or modified, these changes will be reflected on the Geodetic Control Theme Hub site by the Theme lead.

Individual NGDA datasets will also undertake efforts to establish and/or update geospatial data standards. Specific actions may include but are not limited to, assessing existing and anticipated data content standards, ensuring NGDA datasets meet these standards, and developing implementation plans to ensure all NGDA datasets meet geospatial data standards. The Geodetic Control Theme lead and dataset managers will work with the senior Agency Official for Geospatial Information (SAOGI) to submit the standards for endorsement to the FGDC.

Appendix A: NGDA Data Themes (GDA Sec 2805) and NSDI Strategic Plan Crosswalk

The following is a crosswalk of National Geospatial Data Asset Data Themes (GDA Sec 2805) referenced within this Plan as the GDA relates to the NSDI Strategic Plan.

Goal	GDA Section	NSDI	GDA
I.	2805(b)(3)(E)	1.3, 2.1, 4.1	Goal: Administration of the Theme
I.A.	2805(b)(3)(E)(i)		Objective: Point of Contact
I.B.	2805(b)(3)(E)(ii)(I)	2.1, 4.1	Objective: Annual Reporting
I.C.	2805(b)(3)(E)(ii)(II)	2.1, 4.1	Objective: Annual Report Comments
II.	2805(b)(3)(B)	2.1-2.4, 3.1-3.4	Goal: Provide leadership and facilitate the development and implementation of a plan for nationwide population of the National Geospatial Data Asset data theme
II.A.	2805(b)(3)(B)(i)	4.1-4.5	Objective: Partnerships
II.B.	2805(b)(3)(B)(ii), 2805(b)(3)(D)	2.4 3.1, 3.3, 4.1, 4.2	Objective: User Needs
II.C.	2805(b)(3)(B)(iii)	4.4	Objective: Human and Financial Resources
II.D.	2805(b)(3)(E)(iii)	2.4, 3.1-3.4	Objective: – Publish Maps or Comparable Graphics Online
II.E.	2805(b)(3)(E)(iv)	2.4, 3.1-3.4	Objective: Provide Access to NGDA Through the GeoPlatform
II.F.	2805(b)(3)(E)(v)	3.1	Objective: Coordinate with the GeoPlatform
II.G.	2805(b)(3)(E)(vi)	2.4	Objective: Publish Proven Geospatial Practices
III.	2805(b)(3)(A), (b)(3)(B)(iv)	3.4, 4.5	Goal: Data and Metadata Standards
III.A.	2805(b)(3)(B)(iv)	3.4, 4.5	Objective: Metadata Standards
III.B.	2805(b)(3)(A)(i)-(iii)	3.4, 4.5	Objective: Plan for Standards