



Department of Commerce Geospatial Strategic Action Plan

Innovation for America's Data Agency

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Introduction

The [Department of Commerce Geospatial Strategy](#), published in July 2021, describes the vision, scope, goals, and strategic objectives for establishing a foundation to effectively manage, share, and maximize the value of the Department of Commerce's (Commerce) data assets. The Strategy's four goals are broadly applicable across Commerce mission areas and the supporting objectives guide implementation. This document is intended to provide the actions and timeline for achieving the goals set out in the Commerce Geospatial Strategy.

- **GOAL 1: Govern and Manage Geospatial Data**
- **GOAL 2: Advance the Maturity and Expand the Sources of Commerce National Geospatial Data**
- **GOAL 3: Enable and Promote Collaborative Partnerships**
- **GOAL 4: Foster a Diverse Commerce Geospatial Workforce**

Through the Strategy and this Strategic Action Plan, Commerce seeks to maximize the value of data assets by providing a consistent and transparent approach to data governance, stewardship, access, and use. This action plan will establish a modernized and unified approach to enterprise geospatial data management in support of the Commerce mission areas. This Geospatial Strategic Action Plan serves as a roadmap for implementation of the Commerce Geospatial Strategy for fiscal years (FY) 2021 through 2024, and describes the actions the Commerce geospatial community will take, in collaboration with partners and the Federal Geospatial Data Committee (FGDC).

Scope

The Commerce Geospatial Strategy and Strategic Action Plan apply to geospatial data, or data that is tied to a location on Earth. These include environmental data, program data, statistical data, mission-support data, such as administrative, financial, performance, and workforce data, as well as the derived information, products, and services. Data collected by a Commerce bureau through a partnership program will be subject to the relevant bureau's geospatial data guidelines; however, these data will only be in scope for the Commerce Geospatial Data Strategy, and Strategic Action Plan, if they are stored in data systems managed by Commerce agencies. The Geospatial Data Strategy does not define specific technologies or implementations. While all Commerce data needs to be managed and is subject to open data policies, different data will have different requirements and must be treated differently. For example: environmental data may have different requirements than statistical data, which often includes personally identifiable information. Similarly, archived data versus real-time or near-real-time operational data, or fully open data versus controlled unclassified information, may also differ.

Strategic Imperative

The objective for the Commerce Geospatial Strategic Action Plan is to define a path to successfully maximize the positive impact of Commerce geospatial data and services for its users including its partners, the public, and internally by other Commerce bureaus. By creating concrete, actionable activities, Commerce will promote the use of its current geospatial programs and continue to lead the national and international geospatial communities toward governing well-managed, high value data.

The current executive and legislative requirements for geospatial data management include: the Information Quality Act (IQA); Office of Management and Budget (OMB) Circular A-16 and Circular A-119; the Foundations for Evidence-Based Policymaking Act of 2018 (“The Evidence Act”)—including Title II; the Open, Public, Electronic, and Necessary (OPEN) Government Data Act; the Federal Data Strategy and Annual Action Plan; the Geospatial Data Act (GDA) of 2018; the 2021 Executive Order on Tackling the Climate Crisis at Home and Abroad; the 2021 Executive Order on Advancing Racial Equity and Support for Underserved Communities Through the Federal Government; and the 2021 Memorandum on Restoring Trust in Government Through Scientific Integrity and Evidence-Based Policymaking.

The GDA was enacted in 2018 as part of FAA Reauthorization to codify the FGDC roles and responsibilities and to codify the National Geospatial Advisory Committee. The GDA established requirements for geospatial data standards, covered and lead covered agency reporting, National Geospatial Data Asset (NGDA) Data Themes, GeoPlatform operations, and the National Spatial Data Infrastructure (NSDI) Strategic Plan. In accordance with the GDA, Commerce has documented, and will continue to document, geospatial requirements and activities through the designated reports, data inventories, and the biennial Office of Inspector General (OIG) audits.

The Commerce Geospatial Strategy and this Strategic Action Plan establish solid actions, measurable milestones, and deadlines to meet these requirements. The GDA extends existing components of OMB Circular A-16, and expands congressional oversight of federally funded geospatial activities. The Evidence Act was enacted in 2019 and directs agencies to manage their data as an asset. It defines the responsibilities of the Chief Data Officer within federal agencies and assigns to her/him the oversight of the full data lifecycle, data inventories, the Paperwork Reduction Act, the IQA, agency Open Data Plans (ODP), and other related activities and policies. Many open data and data sharing directives from the White House have been codified in the Evidence Act, with the result being that Commerce data assets are open by default, unless such sharing is expressly prohibited by other law, regulation, or binding agreement.

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Additionally, OMB Memorandum, M-19-18: The Federal Data Strategy – A Framework for Consistency, and the Federal Data Strategy’s 2020 Action Plan, support federal agencies in fulfilling a wide array of legislative and administrative requirements, while also prioritizing foundational activities for agencies in developing a mature data asset management environment. The 2020 Action Plan identifies initial actions for agencies that are essential for establishing processes, building capacity, and aligning existing efforts to better leverage data as a strategic asset. The Commerce Geospatial Strategic Action Plan aligns with and complies with the Federal Data Strategy and the 2020 Action Plan, as well as aligning with the Commerce Data Strategic Action Plan. As with the Federal Data Strategy, the Commerce Geospatial Strategy and Strategic Action Plan will be regularly updated for consistency with new statutory or OMB information policy guidance. The Geospatial Strategic Action Plan is a living document that will be routinely updated.

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Action Plan

Goal 1: Govern and manage geospatial data

Govern and manage geospatial data to support the NSDI goals and advance the agencies’ mission responsibilities. Commerce will take actions and meet milestones that directly support implementation of the GDA, NSDI Strategic Plan (2021–2024), and Commerce Data Strategy (2021–2024).

| OBJECTIVES | ACTIVITIES | DELIVERABLE | RESPONSIBLE PARTIES | TARGET DATE |
|--|---|--|-------------------------|-----------------------|
| Objective 1.1: Align Commerce policies with the GDA and NSDI Strategic Plan 2021–2024 and the Commerce Data Strategy 2021–2024 | 1.1.1 Develop and publish the Commerce Geospatial Strategy 2021-2024 | Commerce Geospatial Strategy | CDGB | FY21 Q3 |
| | 1.1.2 Coordinate with the Commerce Chief Data Officer and Commerce Data Governance Board (CDGB) on the implementation of applicable geospatial policies | Annual report on Commerce Geospatial Policy activities | CDGB | Annually in Q4 |
| | 1.1.3 Facilitate communication and document sharing among Commerce geospatial working groups | Commerce Collaboration SharePoint site | Census Bureau | FY21 Q3 |
| Objective 1.2: Establish data governance bodies and priorities | 1.2.1 Establish Commerce Geospatial Working Group (CGWG) reporting to the Commerce Data Governance Board (CDGB) | CGWG Terms of Reference | CDGB | FY21 Q2 |
| | 1.2.2 Develop CGWG Annual Work Plan (Q1) | CGWG Annual Work Plan (Q1) | CGWG | Annually in Q1 |
| | 1.2.3 Develop CGWG Annual Accomplishments Report (Q4) | CGWG Accomplishments Report (Q4) | CGWG | Annually in Q4 Report |
| Objective 1.3: Promote cross-bureau initiatives to leverage geospatial expertise and innovation throughout Commerce | 1.3.1 Establish Commerce Geospatial Standards Users Group (CGSUG) focused on the geospatial standards | CGSUG Terms of Reference and Membership List | CGWG, CGSUG Secretariat | FY21 Q4 |
| | 1.3.2 Establish Commerce Imagery User Group (CIUG) focused on the imagery requirements and usage | CIUG Terms of Reference and Membership List | CGWG, CIUG Secretariat | FY22 Q1 |

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Goal 2: Advance the maturity and expand the sources of Commerce National Geospatial Data Assets

Advance the maturity and expand the sources of Commerce National Geospatial Data Assets to maximize findability, accessibility, interoperability, and reusability, and to meet a wide range of needs.

| OBJECTIVES | ACTIVITIES | DELIVERABLE | RESPONSIBLE PARTIES | TARGET DATE |
|--|--|---|------------------------|---|
| Objective 2.1: Update, validate, and streamline Commerce's NGDA portfolio management practices for Commerce's NGDA Themes and associated datasets | 2.1.1 Complete GDA Reporting Products for Commerce's NGDA portfolio | DOC Geospatial Strategic Action Plan (FY21 Q4) | CGWG, NGDA Theme Leads | FY21 Q4 |
| | | Baseline Standards Inventory Submission (FY21 Q1) | NGDA Theme Leads | FY21 Q1 |
| | | Covered Agency Report | CGWG | Annually in Q1 |
| | | Lead Covered Agency Report | NGDA Theme Leads | Annually in Q1 |
| | | Theme Strategic Plans | NGDA Theme Leads | TBD |
| | | IG Audit Report | SAOGI, CGWG | March 2021 |
| | 2.1.2 Complete OIG Audit Action Plan milestones | Commerce Policy on Planned Geospatial Acquisitions | CGWG | FY22 Q1 |
| | | Work with DOI on internal controls to ensure metadata on GeoPlatform is both accurate and current | CGWG | March 2021 |
| Objective 2.2: Implement improvements in technical and administrative procedures for efficient and secure access to and use of multiple data sources | 2.2.1 Create revised DOC Policy on Publication of Metadata for Geospatial Data based on revised FGDC Metadata Guidelines | DOC Policy on Creation and Publication of Metadata for Geospatial Data | CGWG/CGSUG | TBD – pending release of revised FGDC Metadata Guidelines |
| | 2.2.2 Develop Commerce process for identifying, validating, complying, and reporting on standards activities for NGDAs | DOC policy for compliance on NGDA standards activities | CGWG, CGSUG | FY22 Q4 |

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| OBJECTIVES | ACTIVITIES | DELIVERABLE | RESPONSIBLE PARTIES | TARGET DATE |
|---|---|---|--|------------------------|
| Objective 2.3: Increase visibility and utility of Commerce products and services | 2.3.1 Maintain DOC Geospatial Data Inventory | Comprehensive and Current Bureau Geospatial Data Inventory, NGDA Inventory and DOC Data Inventory, GeoPlatform Dashboard: https://communities.geoplatform.gov/ngda-portfolio/dashboards/ | CGWG NGDA Theme Leads | FY22 Q4 Annually in Q1 |
| | 2.3.2 Publish NGDA inventory to data.gov and FGDC GeoPlatform | Comprehensive and Current Bureau Geospatial Data Inventory, NGDA Inventory and DOC Data Inventory, GeoPlatform Dashboard: https://communities.geoplatform.gov/ngda-portfolio/dashboards/ | CGWG and NGDA Theme Leads, CDGB Data Inventory Working Group (IWG) | FY21 Q1 Annually in Q1 |
| | 2.3.3 Develop a plan to collect usage information for Commerce's geospatial programs and data, to include metrics and information on usage of Commerce data equity tools and indicators to identify underserved communities | Survey results, reports, and map services inventory that document government-wide data equity projects that use Commerce data equity tools and indicators | CGWG | FY22 Q4 |
| Objective 2.4: Develop best practices for licensing of Commerce and industry-acquired geospatial datasets | 2.4.1 Support Commerce Data Inventory Working Group to include geospatial data licensing guidance that is consistent with Open Data policies in the Evidence Act | Inventory of existing geospatial licenses across Commerce | CGWG | FY22 Q4 |

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Goal 3: Enable and promote collaborative partnerships

Enable and promote collaborative partnerships to meet Commerce geospatial needs, priorities, and missions

| OBJECTIVES | ACTIVITIES | DELIVERABLE | RESPONSIBLE PARTIES | TARGET DATE |
|---|--|---|--------------------------|-------------|
| Objective 3.1: Support the international geographic communities and share our expertise globally | 3.1.1 Continue to lead and participate in the UN-GGIM US Delegation activities | UN-GGIM Annual Session working group reports and/or intervention statements | Agency UN GGIM delegates | FY22 Q4 |
| Objective 3.2: Foster partnerships to support NGDA themes by engaging with external and internal groups and communities | 3.2.1 CGWG reporting on the NGDA activities to the CDGB and GDA WG | CDGB meeting minutes, GDA WG meeting minutes, and OIG Audit Report | SAOGI, CGWG | FY22 Q4 |
| Objective 3.3: Develop a Commerce geospatial partnership plan to engage collaboratively with other sectors and users of Commerce's geospatial data and services | 3.3.1 CGWG will assess current partnership agreements, and develop a proposed approach for leveraging partnerships effectively | Proposal for leveraging partnerships effectively | CGWG | FY22 Q3 |
| | 3.3.2 Identify new opportunities to address the needs of Commerce geospatial data users, including traditionally underserved communities | Summary report and presentation to the CDGB | CGWG | FY22 Q3 |

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Goal 4: Foster a diverse Commerce geospatial workforce

Foster a diverse Commerce geospatial workforce to meet current and emerging needs.

| OBJECTIVES | ACTIVITIES | DELIVERABLE | RESPONSIBLE PARTIES | TARGET DATE |
|--|--|--|---|---|
| Objective 4.1: Identify and execute plans to close workforce skills gaps by improving data acumen and data skills for the workforce supporting geospatial data analysis and management | 4.1.1 Identify geospatial skills for inclusion in DOC Full Data Skills Assessment. [aligns w/DOC Data Strategy IP] | Geospatial Skills Assessment Report (Bureau level reports; and Dept-level aggregated executive summary) | CGWG reps supporting DOC MADSkills Working Group (reps for all bureaus) | FY22 Q4 (aligns with DOC data strategy) |
| | 4.1.2 Identify geospatial capacity skills for inclusion in DOC Data Capacity Assessment. [aligns w/DOC Data Strategy IP] | Geospatial Capacity Assessment Report, source of info on skills gap | CGWG reps supporting DOC MADSkills Working Group (reps for all bureaus) | FY22 Q4 (aligns with DOC data strategy) |
| Objective 4.2: Develop an innovative workforce that welcomes and supports opportunities for learning through both top-down and bottom-up approaches | 4.2.1 Develop strategies to facilitate and incentivize the use of new geospatial data tools. | Census Data Science project, The Opportunity Project, NOAA The Opportunity Project Sprint: "Creating Tools to Empower Climate-Smart Communities" | CGWG/CDGB Inventory Working Group (IWG) | FY22, Q3 |
| | 4.2.2 Establish training teams to support geospatial learning within each bureau | Hackathons | CGWG/IWG | FY22, Q4 |
| | 4.2.3 Geospatial Data Workshop Series | Provide use cases to pilot new technology. Create test environments for emerging technology and training data | CGWG/IWG | FY22, Q4 |

Conclusion

The Department of Commerce is taking a cohesive and coordinated approach to geospatial data advancement throughout this Geospatial Strategic Action Plan. The plan serves as a living document that identifies actions linked to the goals and objectives to continue the advancement of Commerce geospatial data priorities, while also providing a list of responsible parties and deliverables to form a concrete path toward success. The actions of this plan will continue to improve geospatial data management leadership, governance, interagency innovation, policy compliance, open data sharing, and a diverse workforce.

In order to align the goals of data advancement throughout Commerce, the Commerce Geospatial Strategic Action Plan and the Commerce Data Strategic Action Plan were developed in tandem. Within the next 2 years, both action plans will be revised and new versions will be published. The Commerce Data Governance Board (CDGB) will continue to monitor progress of both plans and ensure the activities are tracked, documented, reported, and made available to oversight bodies and shared within the federal geospatial community while remaining consistent with the requirements of the GDA and aligned with the NSDI Strategic Plan.

Commerce geospatial data plays an essential part in the FGDC mission to provide high-quality geospatial data to the nation, thereby promoting effective governance, economic growth, and technological advancements. Commerce is responsible for approximately one-third of all the National Geospatial Data Assets (NGDA). These critical data have immense impact on our citizens from early flood warnings and transportation network analysis, to disease outbreak response and survey administration. Commerce stewards multiple critical national geospatial datasets, leads numerous geospatial standards initiatives, and provides key decision support tools and technologies for a diverse community of users. This Strategic Action Plan, provided by the CDGB, defines a path to maximize the positive impact of Commerce geospatial data and services through actionable steps and direct ties to leadership priorities and responsibilities.

Continued socialization and public engagement of this Strategic Action Plan will be facilitated through the various committees, councils, stakeholders, and partner engagement activities identified within the plan.

Appendix 1 – Timeline, Roles, and Responsibilities

FY21 Activities Timeline

| TARGET DATE (FY21) | ACTIVITIES | RESPONSIBLE PARTIES | DELIVERABLE | COMPLETE |
|---------------------------|---|--|---|----------|
| March 2021 | 2.1.1 Complete GDA Reporting Products for Commerce’s NGDA portfolio | SAOGI, CGWG | IG Audit Report | ✓ |
| | 2.1.2 Complete OIG Audit Action Plan milestones | CGWG | Work with DOI on internal controls to ensure metadata on GeoPlatform is both accurate and current | ✓ |
| Annually in Q1 | 2.1.1 Complete GDA Reporting Products for Commerce’s NGDA portfolio | CGWG | Covered Agency Report | ✓ |
| | 2.1.1 Complete GDA Reporting Products for Commerce’s NGDA portfolio | NGDA Theme Leads | Lead Covered Agency Report | ✓ |
| | 1.2.2 Develop CGWG Annual Work Plan (Q1) | CGWG | CGWG Annual Work Plan (Q1) | ✓ |
| FY21 Q1 Annually in Q1 | 2.3.2 Publish NGDA inventory to data.gov and FGDC GeoPlatform | CGWG and NGDA Theme Leads, CDGB Data Inventory Working Group (IWG) | Comprehensive and Current Bureau Geospatial Data Inventory, NGDA Inventory and DOC Data Inventory, GeoPlatform Dashboard: https://communities.geoplatform.gov/ngda-portfolio/dashboards/ | ✓ |
| FY21 Q1 | 2.1.1 Complete GDA Reporting Products for Commerce’s NGDA portfolio | NGDA Theme Leads | Baseline Standards Inventory (FY21 Q1) | ✓ |
| FY21 Q2 | 1.2.1 Establish Commerce Geospatial Working Group (CGWG) reporting to the Commerce Data Governance Board (CDGB) | CDGB | CGWG Terms of Reference | ✓ |
| FY21 Q3 | 1.1.1 Develop and publish the Commerce Geospatial Strategy 2021–2024 | CDGB | Commerce Geospatial Strategy | ✓ |
| | 1.1.3 Facilitate communication and document sharing amongst Commerce geospatial working groups | Census Bureau | Commerce Collaboration SharePoint site | ✓ |
| FY21 Q4 | 1.3.1 Establish Commerce Geospatial Standards Users Group (CGSUG) focused on the geospatial standards | CGWG, CGSUG Secretariat | CGSUG Terms of Reference and Membership List | ✓ |
| | 2.1.1 Complete GDA Reporting Products for Commerce’s NGDA portfolio | CGWG, NGDA Theme Leads | DOC Geospatial Strategic Action Plan (FY21 Q4) | |
| Annually in Q4 | 1.1.2 Coordinate with the Commerce Chief Data Officer and Commerce Data Governance Board (CDGB) on the implementation of applicable geospatial policies | CDGB | Annual report on Commerce Geospatial Policy activities | |
| | 1.2.3 Develop CGWG Annual Accomplishments Report (Q4) | CGWG | CGWG Accomplishments Report (Q4) | |

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FY22 Activities Timeline

| TARGET DATE (FY22) | ACTIVITIES | RESPONSIBLE PARTIES | DELIVERABLE | COMPLETE |
|---|---|---|---|----------|
| Annually in Q1 | 2.1.1 Complete GDA Reporting Products for Commerce's NGDA portfolio | CGWG | Covered Agency Report | |
| | 2.1.1 Complete GDA Reporting Products for Commerce's NGDA portfolio | NGDA Theme Leads | Lead Covered Agency Report | |
| | 1.2.2 Develop CGWG Annual Work Plan (Q1) | CGWG | CGWG Annual Work Plan (Q1) | |
| FY22 Q1 | 1.3.2 Establish Commerce Imagery User Group (CIUG) focused on the imagery requirements and usage | CGWG, CIUG Secretariat | CIUG Terms of Reference and Membership List | |
| | 2.1.2 Complete OIG Audit Action Plan milestones | CGWG | Commerce Policy on Planned Geospatial Acquisitions | |
| FY22 Q3 | 3.3.1 CGWG will assess current partnership agreements, and develop a proposed approach for leveraging partnerships effectively | CGWG | Proposal for leveraging partnerships effectively | |
| | 3.3.2 Identify new opportunities to address the needs of Commerce geospatial data users, including traditionally underserved communities | CGWG | Summary report and presentation to the CDGB | |
| | 4.2.1 Develop strategies to facilitate and incentivize the use of new geospatial data tools. | CGWG/CDGB Inventory Working Group (IWG) | Census Data Science project, The Opportunity Project, NOAA The Opportunity Project Sprint: "Creating Tools to Empower Climate-Smart Communities" | |
| FY22 Q4 | 2.2.2 Develop Commerce process for identifying, validating, complying, and reporting on standards activities for NGDAs | CGWG | DOC process for compliance on NGDA standards activities | |
| | 2.3.3 Develop a plan to collect usage information for Commerce's geospatial programs and data, to include metrics and information on usage of Commerce data equity tools and indicators to identify underserved communities | CGWG | Survey results, reports, and map services inventory that document government-wide data equity projects that use Commerce data equity tools and indicators | |
| | 3.1.1 Continue to lead and participate in the UN-GGIM US Delegation activities | Agency UN GGIM delegates | UN-GGIM Annual Session working group reports and/or intervention statements | |
| | 3.2.1 CGWG reporting on the NGDA activities to the CDGB and GDA WG | SAOGI, CGWG | CDGB meeting minutes, GDA WG meeting minutes, and OIG Audit Report | |
| FY22 Q4 (aligns with DOC data strategy) | 4.1.1 Identify geospatial skills for inclusion in DOC Full Data Skills Assessment. [aligns w/DOC Data Strategy IP] | CGWG reps supporting DOC MADSkills Working Group (reps for all bureaus) | Geospatial Skills Assessment Report (Bureau level reports; and Dept-level aggregated executive summary) | |
| | 4.1.2 Identify geospatial capacity skills for inclusion in DOC Data Capacity Assessment. [aligns w/DOC Data Strategy IP] | CGWG reps supporting DOC MADSkills Working Group (reps for all bureaus) | Geospatial Capacity Assessment Report, source of info on skills gap | |

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| TARGET DATE (FY22) | ACTIVITIES | RESPONSIBLE PARTIES | DELIVERABLE | COMPLETE |
|-----------------------------------|--|-----------------------|---|----------|
| FY22 Q4 Annually in Q1 | 2.3.1 Maintain DOC Geospatial Data Inventory | CGWG NGDA Theme Leads | Comprehensive and Current Bureau Geospatial Data Inventory, NGDA Inventory and DOC Data Inventory, GeoPlatform Dashboard: https://communities.geoplatform.gov/ngda-portfolio/dashboards/ | |
| FY22 Q4 | 2.4.1 Support Commerce Data Inventory Working Group to include geospatial data licensing guidance that is consistent with Open Data policies in the Evidence Act | CGWG | Inventory of existing geospatial licenses across Commerce | |
| FY22, Q4 | 4.2.2 Establish training teams to support geospatial learning within each bureau | CGWG/IWG | Hackathons | |
| FY22, Q4 | 4.2.3 Geospatial Data Workshop Series | CGWG/IWG | Provide use cases to pilot new technology. Create test environments for emerging technology and training data | |
| Annually in Q4 | 1.1.2 Coordinate with the Commerce Chief Data Officer and Commerce Data Governance Board (CDGB) on the implementation of applicable geospatial policies | CDGB | Annual report on Commerce Geospatial Policy activities | |
| Annually in Q4 Report | 1.2.3 Develop CGWG Annual Accomplishments Report (Q4) | CGWG | CGWG Accomplishments Report (Q4) | |
| TBD - pending FGDC milestone date | 2.2.1 Create revised DOC Policy on Publication of Metadata for Geospatial Data based on revised FGDC Metadata Guidelines | CGWG/CGSUG | DOC Policy on Creation and Publication of Metadata for Geospatial Data | |

FY23 Activities Timeline

| TARGET DATE (FY23) | ACTIVITIES | RESPONSIBLE PARTIES | DELIVERABLE | COMPLETE |
|--------------------|---|---------------------|-----------------------|----------|
| TBD | 2.1.1 Complete GDA Reporting Products for Commerce's NGDA portfolio | NGDA Theme Leads | Theme Strategic Plans | |

Appendix 2 – References

References to the supporting policies, legislation and other federal guidance documents related to this Department of Commerce Geospatial Strategic Action Plan.

- [NOAA Data Strategy](#)
- [OMB M-19-18: Federal Data Strategy - A Framework for Consistency](#)
 - [Federal Data Strategy 2020 Action Plan](#)
 - [Federal Data Strategy Resources](#)
 - [Federal Data Strategy Governance Playbook](#)
- [Foundations for Evidence-Based Policy Making Act \(“The Evidence Act”\)](#)
 - [OMB M-19-23 - Phase 1 Implementation of the Foundations for Evidence-Based Policymaking Act of 2018: Learning Agenda, Personnel, and Planning Guidance](#)
 - OMB M-21-XX - Phase 2 Implementation of the Foundations for Evidence Based Policymaking Act of 2018: Open Data Access & Management --- PENDING OMB RELEASE
 - OMB M-21-XX - Phase 3 - Implementation of the Foundations for Evidence Based Policymaking Act of 2018: Data Access for Statistical Purposes --- PENDING OMB RELEASE
 - [OMB M-20-12 - Phase 4 Implementation of the Foundations for Evidence-Based Policymaking Act of 2018: Program Evaluation Standards and Practices](#)
- [OMB M-13-13 - Open Data Policy - Managing Information as an Asset](#)
- [Geospatial Data Act of 2018](#)
- [OMB Information Quality Act \(IQA\) Guidelines](#)
 - [NOAA IQA Guidelines](#)
- [Department of Commerce \(DOC\) Data Strategy](#)
- [Department of Commerce \(DOC\) Geospatial Strategy](#)