

Department of Commerce Geospatial Strategic Action Plan

Innovation for America's Data Agency

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Introduction

The <u>Department of Commerce Geospatial Strategy</u>, 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 was originally written in 2021, and has been updated for fiscal years (FY) 2023-2024 to serve as a roadmap for implementation of the Commerce Geospatial Strategy and describe 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: environmen- tal 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 (FDS) 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 the Federal Aviation Administration (FAA) Reauthorization Act 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 FY22 OIG Audit focused on the Department's metadata and quality control practices. The audit Recommendations empower the Department's Chief Data Officer (CDO) and Senior Agency Official for Geospatial Information (SAOGI) to develop plans and timeframes to align metadata quality control processes with FGDC guidance where applicable. Additionally, due to technical and communicative challenges with GeoPlatform updates, the SAOGI established a reporting process to identify any issues with the availability and organization of national geospatial data assets on the GeoPlatform and to understand GeoPlatform changes affecting the Department's harvesting processes.

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.

Additionally, OMB Memorandum, M-19-18: The Federal Data Strategy – A Framework for Consistency, and the Federal Data Strategy's Action Plans, 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 FDS Action Plans identify 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 FDS and the FDSAction Plans, as well as aligning with the Commerce Data Strategic Action Plan. As with the FDS, 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.

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
	1.1.1 Develop and publish the Commerce Geospatial Strategy 2021- 2024	Commerce Geospatial Strategy	CDGB	FY21 Q3
Objective 1.1: Align Commerce policies with the GDA and NSDI Strategic Plan 2021–2024 and the Commerce Data	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
Strategy 2021–2024	1.1.3 Facilitate communication and document sharing among Commerce geospatial working groups	Commerce Collaboration SharePoint site	Census Bureau	FY21 Q3
Objective 1.2:	1.2.1 Establish Commerce Geospatial Working Group (CGWG) reporting to the Commerce Data Governance Board (CDGB)	CGWG Terms of Reference	CDGB	FY21 Q2
Establish data governance bodies	1.2.2 Develop CGWG Annual Work Plan (Q1)	CGWG Annual Work Plan (Q1)	CGWG	Annually in Q1
and priorities	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	1.3.1 Establish Commerce Geospatial Standards Users Group (CGSUG) focused on the geospatial standards	Group Reference and Membership List		FY21 Q4
and innovation throughout Commerce	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

<u>Goal 2: Advance the maturity and expand the sources of</u> <u>Commerce National Geospatial Data Assets</u>

Advance the maturity and expand the sources of Commerce National Geospatial Data Assets to maxi-

mize findability, accessibility, interoperability, and reusability, and to meet a wide range of needs.

OBJECTIVES	ACTIVITIES	DELIVERABLE	RESPONSIBLE PARTIES	TARGET DATE
		DOC Geospatial Strategic Action Plan FY 21-22	CGWG, NGDA Theme Leads	FY21 Q4
Objective 2.1:	2.1.1 Complete GDA	DOC Geospatial Strategic Action Plan FY 23-24	CGWG, NGDA Theme Leads	FY23 Q1
	Reporting Products for	Baseline Standards Inventory Submission (FY21 Q1)	NGDA Theme Leads	FY21 Q1
Update, validate,	Commerce's	Covered Agency Report	CGWG	Annually in Q1
and streamline Commerce's	NGDA portfolio	Lead Covered Agency Report	NGDA Theme Leads	Annually in Q1
NGDA		Theme Strategic Plans	NGDA Theme Leads	FY23 Q2
portfolio		OIG Audit Report	SAOGI, CGWG	FY24 Q4
management practices for Commerce's NGDA Themes and associated datasets Audit Action Plan		The Commerce CDO and SAOGI will meet with DOI and FGDC to plan for implementation of the FGDC metadata recommendations in all bureau metadata management processes.	SAOGI, CDO	FY23 Q2
	milestones	The Census Bureau will continue evaluating FGDC guidance and implement changes as necessary.	DOC CDO/SAOGI/Census	FY23 Q4
		NOAA will continue evaluating FGDC guidance and implement changes as necessary.	DOC CDO/SAOGI/NOAA	FY23 Q4
		The Department CDO and SAOGI will meet with the Data.gov Management Team to discuss geospatial harvesting processes to remove duplicates.	DOC CDO/SAOGI	FY23 Q4
		The Department will work with the DOI and GeoPlatform team to establish a reporting process to identify and address the issues discussed in the OIG audit report.	SAOGI	FY23 Q4
		The Department will develop procedures to ensure compliance with its Policy on Planned Geospatial Acquisitions.	SAOGI/ DOC CDO	FY23 Q4

OBJECTIVES	ACTIVITIES	DELIVERABLE	RESPONSIBLE PARTIES	TARGET DATE
Objective 2.2: Implement improvements in technical and administrative procedures for efficient and secure access to and use of	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
multiple data sources	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	FY23 Q4
	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	Ongoing
Objective 2.3: Increase visibility and	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)	Annually in Q1
utility of Commerce products and services	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 2.4:2.4.1 Support CommerceDevelop best practicesData Inventory Workingfor licensing ofGroup to include geospatialCommerce anddata licensing guidance thatindustry-acquiredis consistent with Open Datageospatial datasetspolicies in the Evidence Act		Inventory of existing geospatial licenses across Commerce	CGWG	FY22 Q4
	2.4.1 Support the inclusion of metadata records on Commerce Data Inventory	Maintain geo data on https://data.commerce.gov/	CGWG	FY22 Q4

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	in the UN-GGIM group reports and/		Ongoing
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	FY23 Q4
Objective 3.3:3.3.1 CGWG will assess current partnershipObjective 3.3:agreements, and developDevelop a Commerce geospatial partnership plan to engage collaborativelyeffectively		Proposal for leveraging partnerships effectively	CGWG	FY22 Q3
with other sectors and users of Commerce's geospatial data and services	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

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	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)	FY23 Q4
data acumen and data skills for the workforce supporting geospatial data analysis and management	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)	FY23 Q4
Objective 4.2: Develop an innovative	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
workforce that welcomes and supports opportunities for learning through both top-down and bottom- up approaches	4.2.2-3 Provide training/technical assistance Establish training teams to support geospatial learning and workshops within each bureau	Develop a Poll to assess needs Workshops/Training Days/etc Provide use cases to pilot new technology.	CGWG	FY23 Q4
		Create test environments for emerging technology and training data		

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. As of January of 2023, Commerce Data Strategic Action Plan has been revised and the new version 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	STATUS
	2.1.1 Complete GDA Reporting Products for Commerce's NGDA portfolio	SAOGI, CGWG	IG Audit Report	Complete
March 2021	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	Complete
	2.1.1 Complete GDA Reporting Products for Commerce's NGDA portfolio	CGWG	Covered Agency Report	Complete
	2.1.1 Complete GDA Reporting Products for Commerce's NGDA portfolio	NGDA Theme Leads	Lead Covered Agency Report	Complete
FY21 Q1	1.2.2 Develop CGWG Annual Work Plan (Q1)	CGWG	CGWG Annual Work Plan (Q1)	Complete
	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/	Complete
FY21 Q1	2.1.1 Complete GDA Reporting Products for Commerce's NGDA portfolio	NGDA Theme Leads	Baseline Standards Inventory (FY21 Q1)	Complete
FY21 Q2	1.2.1 Establish Commerce Geospatial Working Group (CGWG) reporting to the Commerce Data Governance Board (CDGB)	CDGB	CGWG Terms of Reference	Complete
	1.1.1 Develop and publish the Commerce Geospatial Strategy 2021–2024	CDGB	Commerce Geospatial Strategy	Complete
FY21 Q3	1.1.3 Facilitate communication and document sharing amongst Commerce geospatial working groups	Census Bureau	Commerce Collaboration SharePoint site	Complete
	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	Complete
FY21 Q4	2.1.1 Complete GDA Reporting Products for Commerce's NGDA portfolio	CGWG, NGDA Theme Leads	DOC Geospatial Strategic Action Plan (FY21 Q4)	Complete
FY21Q4	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	Complete
	1.2.3 Develop CGWG Annual Accomplishments Report (Q4)	CGWG	CGWG Accomplishments Report (Q4)	Complete

FY22 Activities Timeline

TARGET DATE (FY22)	ACTIVITIES	RESPONSIBLE PARTIES	DELIVERABLE	STATUS
	2.1.1 Complete GDA Reporting Products for Commerce's NGDA portfolio	CGWG	Covered Agency Report	Complete
FY22 Q1	2.1.1 Complete GDA Reporting Products for Commerce's NGDA portfolio	NGDA Theme Leads	Lead Covered Agency Report	Complete
	1.2.2 Develop CGWG Annual Work Plan (Q1)	CGWG	CGWG Annual Work Plan (Q1)	Complete
	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	Complete
	2.1.2 Complete OIG Audit Action Plan milestones	CGWG	Commerce Policy on Planned Geospatial Acquisitions	On hold pending release of Revised OMB A-16
	3.3.1 CGWG will assess current partnership agreements, and develop a proposed approach for leveraging partnerships effectively	cgwg	Proposal for leveraging partnerships effectively	Descope, Include as an element in annual report to CDGB.
FY22 Q3	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	Complete
	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"	Complete
	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	On hold pending FGDC Standards Committee
FY22 Q4	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	Descope due to being duplicative with 3.3.2
	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	Complete
	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	Complete

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] 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) CGWG reps supporting DOC MADSkills Working Group (reps for all	Geospatial Skills Assessment Report (Bureau level reports; and Dept-level aggregated executive summary) Geospatial Capacity Assessment Report, source of info on skills gap	On hold until the MADSkills Working Group completes a reassessment On hold until the MADSkills Working Group completes a
		bureaus)		reassessment
FY22 Q4 Annuall y 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/	Complete
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	Complete
FY22, Q4	4.2.2 Establish training teams to support geospatial leaning within each bureau	CGWG/IWG	Commerce Hackathons/Training Workshop	Delayed until FY23 Q4
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	Descope; IWG has dissolved
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	Complete
Annually in Q4 Report	1.2.3 Develop CGWG Annual Accomplishments Report (Q4)	CGWG	CGWG Accomplishments Report (Q4)	Complete
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	Delayed until FY23 Q4

FY23 Activities Timeline

TARGET DATE (FY23)	ACTIVITIES	RESPONSIBLE PARTIES	DELIVERABLE	STATUS
Ongoing		CGWG NGDA Theme	Comprehensive and Current Bureau Geospatial Data Inventory, NGDA Inventory and DOC Data Inventory, GeoPlatform Dashboard: https://communities.geoplatform.	
	2.3.1 Maintain NGDA DOC Geospatial Data Inventory	Leads	gov/ngda-portfolio/dashboards/	
FY23 Q2	2.1.1 Complete GDA Reporting Products for Commerce's NGDA portfolio	CGWG/NGDA Theme Leads	Covered Agency Report/Lead Covered Agency Report/Theme Strategic Plans	
	Create revised Commerce Geospatial Strategic Action Plan for	COMC/SAOCI	Commence Connection Strategic Action Plan for EV22 24	
FY23 Q2	FY23-24 OIG Recommendation #1: The Department CDO and SAOGI will meet with the Department of Interior CDO, SAOGI, and FGDC Secretariat Staff to discuss the FGDC Technical Guidance: Data.gov and The GeoPlatform Metadata Recommendations Including Guidelines for National Geospatial Data Assets (NGDA) – October 2021 to understand compliance requirements outlined in the recommendation document. The Commerce CDO and SAOGI will work with applicable Commerce bureaus to plan for implementation of these compliance requirements in all bureau metadata management processes.	CGWG/SAOGI DOC CDO/SAOGI	Commerce Geospatial Strategic Action Plan for FY23-24 Metadata compliance plan and timeline for implementation.	
	2.2.2 Develop Commerce process for identifying, validating, complying, and reporting on standards activities for NGDAs	CGWG/CGSUG	DOC Compliance with FGDC process for compliance on NGDA standards activities	
	3.1.1 Continue to lead and participate in the UN-GGIM US Delegation	Agency UN GGIM	UN-GGIM Annual Session working group reports	
	activities	delegates	and/or intervention statements	
	1.2.2 Develop CGWG Annual Work Plan	CGWG	CGWG Annual Work Plan	
FY23 Q4		CGWG reps supporting DOC MADSkills Working Group (reps for all bureaus) CGWG reps supporting		
	4.1.1-2 Identify geospatial capacity and skills for inclusion in DOC Full Data	DOC MADSkills Working Group	Geospatial Skills Assessment Report (Bureau level reports; and Dept-level aggregated executive summary) Geospatial Capacity Assessment Report, source of	
	Skills and Capacity Assessment. [aligns w/DOC Data Strategy IP]	(reps for all bureaus)	info on skills gap	

	2.4.1 Support the inclusion of metadata records on Commerce Data			
	Inventory	CGWG	Maintain geo data on https://data.commerce.gov/	
			Develop a Poll to assess needs Workshops/Training	
			Days/etc	
			Provide use cases to pilot new technology.	
	4.2.2-3 Provide training/technical assistance Establish training teams		Create test environments for emerging technology and	
	to support geospatial learning and workshops within each bureau	CGWG	training data	
	2022 OIG Recommendation #2: The Census Bureau will continue	DOC		
	evaluating FGDC guidance and implement changes as necessary.	CDO/SAOGI/Census		
	2022 OIG Recommendation #3: NOAA will align its metadata			
	management processes to comply with the Commerce			
	implementation requirements based on the FGDC Technical			
	Metadata Guidance document. NOAA will make the required			
	changes and test for compliance. NOAA will continue evaluating			
	FGDC guidance and implement changes as necessary.	DOC CDO/SAOGI/NOAA		
	2022 OIG Recommendation #4: The Department CDO and SAOGI will			
	meet with the Data.gov Management Team and the Department of			
	Interior CDO, SAOGI, Geoplatform, and FGDC Secretariat Staff to			
	discuss geospatial harvesting processes. All necessary process steps			
	that are in the control of the Department of Commerce will be			
	implemented. To successfully address this recommendation to			
	remove and prevent duplicates metadata records, support will be			
	required from both the Data.gov and GeoPlatform Teams.	DOC CDO/SAOGI	FGDC Harvesting Workflow Document	
	2022 OIG Recommendation #5: The Department CDO and SAOGI will			
	meet with the Department of Interior CDO, SAOGI, Geoplatform, and			
	FGDC Secretariat Staff to discuss the Geoplatform governance and			
	change management processes. The Department will work with the			
	Department of the Interior to establish a reporting process to			
	identify and address the issues discussed in the OIG audit report.	SAOGI	Reporting Process Document	
	2020 OIG Recommendation #2:The Department will develop			
	procedures to ensure compliance with its Policy on Planned			
	Geospatial Acquisitions.	SAOGI/ DOC CDO	Department-wide procedure documentation	
	If DOI/GeoPlatform does provide resources (funding document) to			
	support ISO 19115-1/-3 then DOC will need to react in kind.	CGSUG		
	1.1.2 Coordinate with the Commerce Chief Data Officer and			
Annually in	Commerce Data Governance Board (CDGB) on the implementation of		Annual reporting to CDGB on Commerce Geospatial Policy	
Q4	applicable geospatial policies	CDGB	activities	
	1.2.3 Develop CGWG Annual Accomplishments Report	CGWG	CGWG Accomplishments Report	

FY24 Activities Timeline

TARGET DATE (FY24)	ACTIVITIES	RESPONSIBLE PARTIES	DELIVERABLE	STATUS
Ongoing	2.3.1 Maintain NGDA 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/	
Annually Q2	2.1.1 Complete GDA Reporting Products for Commerce's NGDA portfolio	CGWG/NGDA Theme Leads	Covered Agency Report/Lead Covered Agency Report/Theme Strategic Plans	
	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	
	1.2.2 Develop CGWG Annual Work Plan	CGWG	CGWG Annual Work Plan	
Annually 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 reporting to CDGB on Commerce Geospatial Policy activities	
	1.2.3 Develop CGWG Annual Accomplishments Report	CGWG	CGWG Accomplishments Report	
TBD	If DOI/GeoPlatform does provide resources (funding document) to support ISO 19115-1/-3 then DOC will need to react in kind.	CGSUG		

Appendix 2 – References

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

- <u>NOAA Data Strategy</u>
- <u>OMB M-19-18: Federal Data Strategy A Framework for Consistency</u>
 - 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 Policymak- ing 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