

NGDA Standards Baseline Inventory



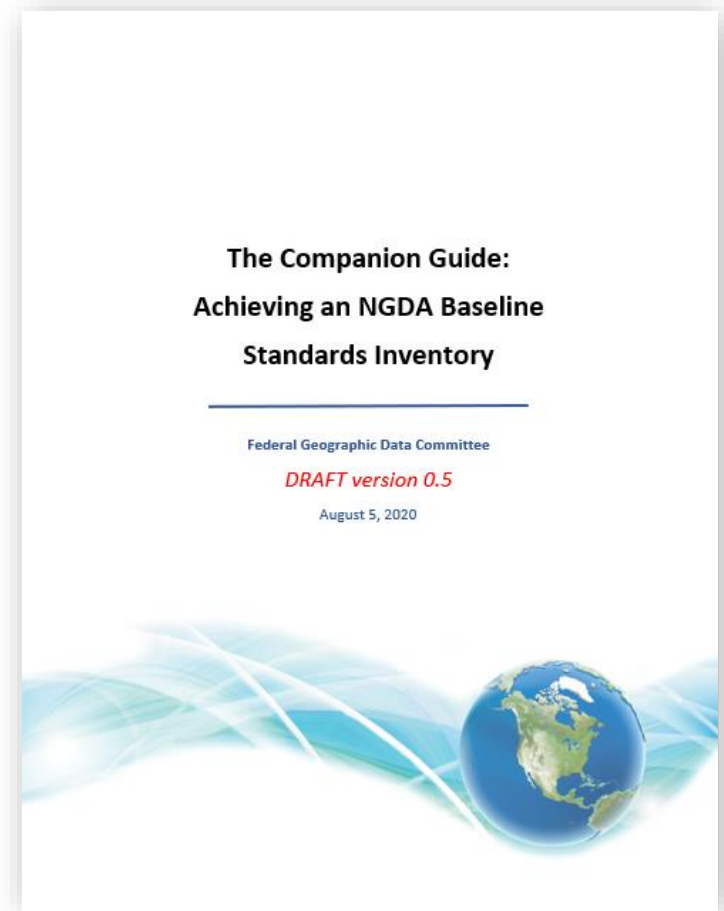
Why a
Standards Inventory

Overview

- ❖ Goal: Establish a baseline inventory of data and metadata standards for all National Geospatial Data Assets (NGDA).
- ❖ Why: Provide fact-based responses to various laws.
- ❖ Objective: Dataset Managers will complete a questionnaire of 15 to 20 questions related to data and metadata standards for all 177 NGDA.
- ❖ Outcome: A baseline inventory of standards currently being utilized by NGDA.
- ❖ Benefit: Baseline inventory can be used to support current and future standards initiatives and reporting related to various laws and policies.

The Ask

- ❖ Review, understand, and use *The Companion Guide: Achieving an NGDA Standards Baseline Inventory:*
- ❖ Categories
- ❖ Definitions
- ❖ Lists of specific standards
- ❖ Questions in the baseline inventory questionnaire




Supports: The Geospatial Data Act of 2018



GDA Law	Baseline Inventory Support
<p>Section 756 (b)(3)(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:</p>	<p>Supports providing fact-based information to agency and departmental decision makers in formulating response to Section 756(b)(3)(A).</p>
<p>Section 756 (b)(3)(A)(i): assessing existing standards</p>	<p>Proposed questionnaire outlined in: Geospatial Data and Metadata Standards Document to meet Federal Data Strategy 2020 Action Plan, Action 10 Milestone: Track NGDAs for Implementation of Standards, A Baseline Inventory Assessment Approach Meeting Geospatial Data Act and Other Requirements</p>
<p>Section 756 (b)(3)(A)(ii): identifying anticipated or needed data standards</p>	<p>Baseline inventory of standards can serve as the foundation for analysis by FGDC Agencies, partners, subcommittees and other SMEs to support identifying gaps and needs.</p>
<p>Section 756 (b)(3)(A)(iii): developing a plan to originate and implement needed standards with relevant community and international practices</p>	<p>Baseline inventory of standards can support developing plans to originate and implement needed standards</p>






Supports: The Geospatial Data Act of 2018 – Con't.

GDA Law	Baseline Inventory Support
Section 759 (a) IN GENERAL.—Each covered agency shall—	Supports providing fact-based information to agency and departmental decision makers in formulating response to Section 759(a)(6)
Section 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	Proposed questionnaire outlined in: Geospatial Data and Metadata Standards, Federal Data Strategy 2020 Action Plan, Action 10 Milestone: Track NGDAs for Implementation of Standards, A Baseline Inventory Assessment Approach Meeting Geospatial Data Act and Other Requirements

Supports: The Federal Data Strategy Action Plan 2020

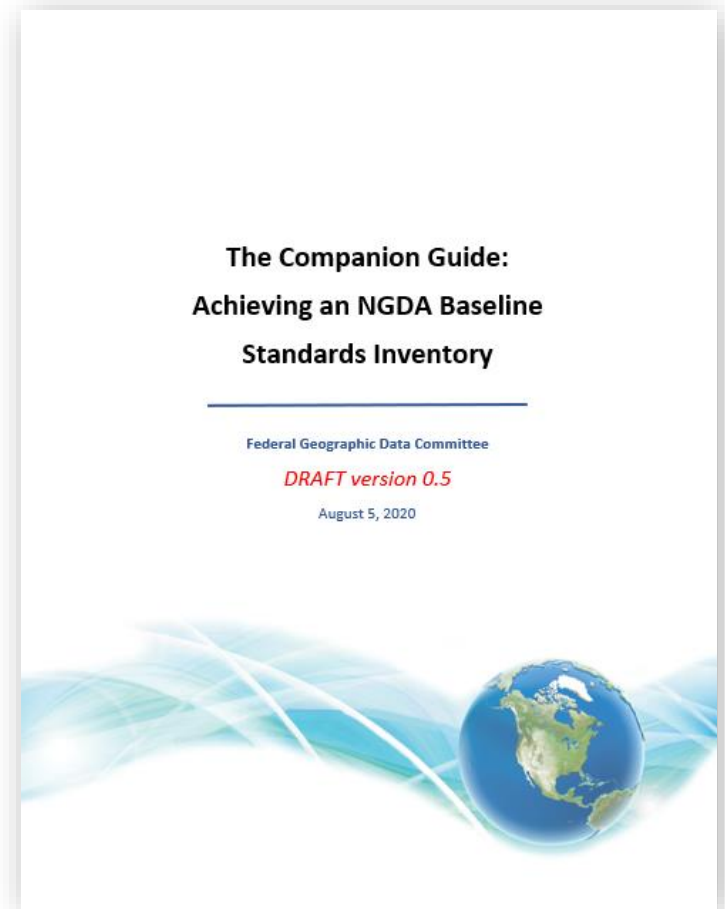
FDS Action 10	Milestone	Measurement
Action 10: Integrate Geospatial Data Practices into the Federal Data Enterprise	Publish NGDA data theme data assets with standards compliant metadata and webservice endpoints 	Percentage of NGDA data assets that are compliant
	Track NGDAs for implementation of standards 	Percentages of NGDAs with: i) metadata standards, ii) established content standards, iii) standards in process, iv) data assets not requiring standards, v) no established standards

Supports: Foundations for Evidence-Based Policymaking Act of 2018

	Support
<p>3511. Data inventory and Federal data catalogue. (b) Qualifications.--The Chief Data Officer of an agency shall be designated on the basis of demonstrated training and experience in data management, governance (including creation, application, and maintenance of data standards)</p>	<p>Support for understanding standards and standards requirements</p>
<p>Sec. 311. (3) Evaluation.--The term `evaluation' means an assessment using systematic data collection and analysis of one or more programs, policies, and organizations intended to assess their effectiveness and efficiency.</p>	<p>Supported through standards baseline inventory </p>
<p>Sec. 3581 (b)(3) Standards for each statistical agency or unit to improve access to a data asset pursuant to paragraph (1) or (3)</p>	<p>Supported through standards baseline inventory </p>
<p>Sec. 3583 (a) Standard Application Process.--The Director shall establish a process through which agencies, the Congressional Budget Office, State, local, and Tribal governments, researchers, and other individuals, as appropriate, may apply to access the data assets accessed or acquired under this subchapter by a statistical agency or unit for purposes of developing evidence. The process shall include the following: (1) Sufficient detail to ensure that each statistical agency or unit establishes an identical process.</p>	<p>Supported through standards baseline inventory </p>

Approach to Satisfy Multiple Reporting Requirements

- ❖ Consistent definitions and categories of data and metadata content and exchange standards
- ❖ Questions based on defined standards categories
- ❖ Ease of response using the Esri Survey123 tool in GeoPlatform ArcGIS Online
- ❖ Required for 177 NGDA participants



**Result is an updateable database
for managing reporting requirements
into the future!**