

Question: Has your agency identified standards applicable for its use, for example, developed a list of applicable standards by subject area?

Department	Agency	Has Standards Identified
Department of Agriculture	USDA Forest Service	Yes
Department of Agriculture	Natural Resources Conservation Service	Yes
Department of Commerce	Census Bureau	Yes
Department of Commerce	NOAA	Yes
Department of Defense	Office of the Secretary of Defense	Yes
Department of Education	National Center for Education Statistics	Don't know
Department of Housing and Urban Development	Department of Housing and Urban Development	No
Department of the Interior	USGS	Yes
Department of the Interior	National Park Service	Yes
Department of the Interior	Bureau of Ocean Energy Management	No
Environmental Protection Agency	EPA	Yes
General Services Administration	GSA	No
Library of Congress	Library of Congress	Yes
Social Security Administration	SSA	Yes
Tennessee Valley Authority	Tennessee Valley Authority	Yes

Question: Does your agency measure compliance with standards?

Department	Agency	Measures Compliance With Standards
Department of Agriculture	USDA Forest Service	Yes
Department of Agriculture	Natural Resources Conservation Service	Yes
Department of Commerce	Census Bureau	Yes
Department of Commerce	NOAA	No
Department of Defense	Office of the Secretary of Defense	Yes

Department of Education	National Center for Education Statistics	Don't know
Department of Housing and Urban Development	Department of Housing and Urban Development	No
Department of the Interior	USGS	Yes
Department of the Interior	National Park Service	No
Department of the Interior	Bureau of Ocean Energy Management	No
Environmental Protection Agency	EPA	No
General Services Administration	GSA	No
Library of Congress	Library of Congress	Yes
Social Security Administration	SSA	No
Tennessee Valley Authority	Tennessee Valley Authority	Yes

Use of Standards across Agencies

Standard	Percentage of Agencies Using this Standard
OpenGIS Web Coverage Service (WCS) Implementation Standard, version 1.1.2 w/Corregindum 2 - Use of standard	20.0
OpenGIS Web Feature Service Implementation Specification, version 1.1.0 with Corrigendum 1 - Use of standard	33.33
Geospatial Positioning Accuracy Standards, Part 4: Architecture, Engineering, Construction, and Facilities Management - Use of standard	20.0
Part 6, Hydrography, FGDC-STD-014.6-2008 - Use of standard	46.67
Geospatial Positioning Accuracy Standards, Part 1: Reporting Methodology - Use of standard	53.33
Styled Layer Descriptor profile of the Web Map Service Implementation Specification, version 1.1.0 - Use of standard	33.33
ISO/TS 19139:2007, Geographic information -- Metadata -- XML schema implementation - Use of standard	40.0
ISO/IEC 13818-3:1998, MPEG 2 - audio - Use of standard	13.33
INCITS 454 - 2009, Information technology - Codes for the Identification of Metropolitan and Micropolitan Statistical Areas and Related Statistical Areas of the United States and Puerto Rico - Use of standard	40.0
OpenGIS Location Services (OpenLS): Part 6-Navigation Service - Use of standard	0.0
OpenGIS Catalogue Services Specification 2.0.2 - ISO Metadata Application Profile - Use of standard	6.67
ISO/IEC IS 10918-1 ITU-T Recommendation T.81, JPEG - Use of standard	6.67
INCITS/ISO 19115-2:2009 [2009], Geographic information - Metadata - Part 2:	

Extensions for imagery and gridded data - Use of standard	6.67
Geographic information Framework Data Standard - Use of standard	26.67
ISO/IEC 13818-2:2000, MPEG 2 - video - Use of standard	13.33
Geospatial Positioning Accuracy Standards, Part 3: National Standard for Spatial Data Accuracy - Use of standard	60.0
Content Standard for Digital Geospatial Metadata: Extensions for Remote Sensing Metadata - Use of standard	20.0
Content Standard for Digital Geospatial Metadata (version 2.0) - Use of standard	80.0
INCITS/ISO 19119:2005 [R2010], Geographic information - Services - Use of standard	13.33
OpenGIS Catalogue Service (CAT) Implementation Specification (2.0.2) + Corrigendum for OpenGIS Implementation Specification 07-006: Catalogue Services, Version 2.0.2 - Use of standard	6.67
ISO/TS 19103:2004, Geographic information -- Conceptual schema language - Use of standard	6.67
Content Standard for Digital Geospatial Metadata: Part 2, Metadata Profile for Shoreline Data - Use of standard	26.67
Part 2, Digital Orthoimagery, FGDC-STD-014.2-2008 - Use of standard	26.67
Part 7a, Transportation - Air NOT endorsed - Use of standard	0.0
INCITS 38-2009, Information technology - Codes for the Identification of the States and Equivalent Areas within the United States, Puerto Rico, and the Insular Areas - Use of standard	40.0
OpenGIS Web Map Context (WMC) Documents Implementation Specification, Version 1.1.0 w/Corrigendum 1 - Use of standard	20.0
OpenGIS Filter Encoding Implementation Specification, version 1.1 - Use of standard	13.33
ISO 19131:2007, Geographic information - Data product specifications + Amendment 1 - Use of standard	13.33
United States Thoroughfare, Landmark, and Postal Address Data Standard - Use of standard	26.67
INCITS 446-2008, Information technology - Identifying Attributes for Named Physical and Cultural Geographic Features (Except Roads and Highways) of the United States, Its Territories, Outlying Areas, and Freely Associated Areas, and the Waters of the Same	26.67
OpenGIS Web Map Tile Service Implementation Standard, version 1.0.0 - Use of standard	20.0
Standard for a U.S. National Grid - Use of standard	33.33
Content Standard for Digital Geospatial Metadata: Part 1, Biological Data Profile - Use of standard	20.0
ISO 6709:2008/Corrigendum 1:2009, Standards representation of geographic point locations by coordinates w/Corrigendum 1 - Use of standard	13.33
INCITS/ISO 19119:2005/AM 1:2008 [2008], Geographic information - Services - Amendment 1: Extensions of the service metadata model - Use of standard	6.67

INCITS/ISO 19107:2003[R2008], Geographic Information - Spatial schema - Use of standard	20.0
Wetlands Mapping Standard - Use of standard	40.0
OpenGIS Symbology Encoding Implementation Specification, version 1.1.0 - Use of standard	6.67
ISO 19136:2007, Geographic information - Geographic Markup Language - Use of standard	20.0
INCITS/ISO 19123:2005 [2006], Geographic information - Schema for coverage geometry and functions - Use of standard	6.67
INCITS/ISO 19111:2007 [2007], Geographic information - Spatial referencing by coordinates - Use of standard	33.33
OpenGIS Web Map Service Implementation Specification, Version 1.3.0 - Use of standard	33.33
ISO 3166, Codes for the Representation of Names Of Countries and their Subdivisions - Use of standard	20.0
Content Standard for Remote Sensing Swath Data - Use of standard	26.67
Soil Geographic Data Standard - Use of standard	40.0
OpenGIS KML, version 2.2.0 - Use of standard	46.67
OpenGIS Location Services: Tracking Service Interface Standard - Use of standard	0.0
Part 3, Elevation, FGDC-STD-014.3-2008 - Use of standard	20.0
Digital Cartographic Standard for Geologic Map Symbolization - Use of standard	33.33
OpenGIS Location Services (OpenLS): Core Services, version 1.2 - Use of standard	6.67
OpenGIS Web Processing Service, Version: 1.0.0 w/ Corrigendum - Use of standard	6.67
NetCDF - (Network Common Data Form) - Use of standard	20.0
Part 7d, Transportation - Transit, FGDC-STD-014.7d-2008 - Use of standard	13.33
INCITS/ISO 19135:2005 [2006], Geographic information - Procedures for registration of geographical information items - Use of standard	13.33
INCITS/ISO 19110:2005 [R2010], Geographic information - Methodology for Feature Cataloguing - Use of standard	6.67
Part 7, Transportation Base, FGDC-STD-014.7-2008 - Use of standard	33.33
Part 5, Governmental Unit and Other Geographic Area boundaries, FGDC-STD-014.5-2008 - Use of standard	20.0
SDTS Part 5: Raster Profile with Basic Image Interchange Format (BIIF) Extension - Use of standard	26.67
OpenGIS Sensor Observation Service Interface Standard, version 1.0.0 - Use of standard	0.0
ISO/IEC 15444-1:2004 ITU-T Rec. T.800, JPEG 2000 - Use of standard	20.0
Utilities Data Content Standard - Use of standard	13.33
INCITS 31-2009, Information technology - Codes for the Identification of Counties and Equivalent Areas of the United States, Puerto Rico, and the Insular Areas - Use of standard	40.0
Spatial Data Transfer Standard (SDTS), Parts 1-4 - Use of standard	33.33

Cadastral Data Content Standard - Use of standard	26.67
INCITS 145 - 1986 [R2007], Codes for Identification of Hydrologic Units in the U.S. and the Caribbean (Outlying) Areas - Use of standard	33.33
OpenGIS Sensor Planning Service Implementation Specification, version 1.0.0 - Use of standard	0.0
ISO/TS 19138:2006, Geographic information -- Data quality measures - Use of standard	26.67
ISO 19144-1:2009, Geographic information -- Classification Systems -- Part 1: Classification system structure - Use of standard	13.33
INCITS 455 - 2009, Information technology - Codes for the Identification of Congressional Districts and Equivalent Areas of the United States, Puerto Rico, and the Insular Areas - Use of standard	46.67
GeoTIFF Revision 1.0 - Use of standard	46.67
SDTS Part 7: Computer-Aided Design and Drafting (CADD) Profile - Use of standard	13.33
INCITS/ISO 19108:2002[R2008] ISO 19108:2002 w/ Cor 1:2006, Geographic information - Temporal schema w/Corrigendum 1 - Use of standard	6.67
Classification of Wetlands and Deepwater Habitats in the United States - Use of standard	53.33
Content Standard for Digital Orthoimagery - Use of standard	40.0
Part 7b, Transportation - Rail, FGDC-STD-014.7b-2008 - Use of standard	6.67
Part 7c, Transportation - Road, FGDC-STD-014.7c-2008 - Use of standard	33.33
Part 4, Geodetic Control, FGDC-STD-014.4-2008 - Use of standard	33.33
INCITS/ISO 19134:2007 [2007], Geographic information - Location Based Services - Multimodal routing and navigation - Use of standard	6.67
SDTS Part 6: Point Profile - Use of standard	40.0
ISO/TS 19104:2008, Geographic information - Terminology - Use of standard	26.67
Part 1, Cadastral, FGDC-STD-014.1-2008 - Use of standard	20.0
INCITS/ISO 19132:2007 [2008], Geographic information - Location Based Services - Reference model - Use of standard	13.33
INCITS/ISO 19133:2005 [2006], Geographic information - Location Based Services - Tracking and navigation - Use of standard	6.67
HDF 5, Hierarchical Data Format V 5.0 - Use of standard	0.0
Part 7e, Transportation - Inland Waterways, FGDC-STD-014.7e-2008 - Use of standard	13.33
INCITS/ISO 19141:2008 [2008], Geographic information - Schema for moving features - Use of standard	0.0
ISO 19127:2005, Geographic information - Geodetic codes and parameters - Use of standard	13.33
National Vegetation Classification Standard (Version 2) - Use of standard	46.67
Geospatial Positioning Accuracy Standards, Part 2: Standards for Geodetic Networks - Use of standard	26.67

INCITS/ISO 19115:2003 [R2008] ISO 19115:2003 w/ ISO 19115 Cor. 1:2006, Geographic information - Metadata + Corrigendum 1 - Use of standard	0.0
OGC KML 2.2 Abstract Test Suite (1.0.0) - Use of standard	13.33
INCITS 453 - 2009, Information technology - North American Profile of ISO 19115:2003 - Geographic information - Metadata (NAP - Metadata) - Use of standard	33.33
INCITS/ISO 19112:2003 [2004], Geographic information - Spatial referencing by geographic identifiers - Use of standard	20.0
ISO 19109:2005, Geographic information - Rules for application schema - Use of standard	6.67
OpenGIS SensorML Encoding Standard v 1.0 w/Schema Corregendum 1 (1.01) - Use of standard	0.0
Part 0, Base document, FGDC-STD-014.0-2008 - Use of standard	26.67
Geospatial Positioning Accuracy Standards, Part 5: Standards for Nautical Charting Hydrographic Surveys - Use of standard	13.33
INCITS/ISO 19118:2005 [2006], Geographic information - Encoding - Use of standard	13.33
INCITS/ISO 19111-2:2007, Geographic information - Spatial referencing by coordinates - extension for parametric values - Use of standard	13.33

Top 10 Most Widely Used Standards

Standard	Percentage of Agencies Using this Standard
Content Standard for Digital Geospatial Metadata (version 2.0) - Use of standard	80.0
Geospatial Positioning Accuracy Standards, Part 3: National Standard for Spatial Data Accuracy - Use of standard	60.0
Classification of Wetlands and Deepwater Habitats in the United States - Use of standard	53.33
Geospatial Positioning Accuracy Standards, Part 1: Reporting Methodology - Use of standard	53.33
INCITS 455 - 2009, Information technology - Codes for the Identification of Congressional Districts and Equivalent Areas of the United States, Puerto Rico, and the Insular Areas - Use of standard	46.67
OpenGIS KML, version 2.2.0 - Use of standard	46.67
National Vegetation Classification Standard (Version 2) - Use of standard	46.67
Part 6, Hydrography, FGDC-STD-014.6-2008 - Use of standard	46.67
GeoTIFF Revision 1.0 - Use of standard	46.67
Content Standard for Digital Orthoimagery - Use of standard	40.0

Least Used Standards

Standard	Percentage of Agencies Using this Standard
OpenGIS Sensor Observation Service Interface Standard, version 1.0.0 - Use of standard	0.0
Part 7a, Transportation - Air NOT endorsed - Use of standard	0.0
HDF 5, Hierarchical Data Format V 5.0 - Use of standard	0.0
INCITS/ISO 19141:2008 [2008], Geographic information - Schema for moving features - Use of standard	0.0
OpenGIS SensorML Encoding Standard v 1.0 w/Schema Corrigendum 1 (1.01) - Use of standard	0.0
OpenGIS Location Services: Tracking Service Interface Standard - Use of standard	0.0
INCITS/ISO 19115:2003 [R2008] ISO 19115:2003 w/ ISO 19115 Cor. 1:2006, Geographic information - Metadata + Corrigendum 1 - Use of standard	0.0
OpenGIS Location Services (OpenLS): Part 6-Navigation Service - Use of standard	0.0
OpenGIS Sensor Planning Service Implementation Specification, version 1.0.0 - Use of standard	0.0
INCITS/ISO 19115-2:2009 [2009], Geographic information - Metadata - Part 2: Extensions for imagery and gridded data - Use of standard	6.67
OpenGIS Catalogue Services Specification 2.0.2 - ISO Metadata Application Profile - Use of standard	6.67

Plan to Use Standards

Standard	Percentage of Agencies Using Planning to Use this Standard	Number of Responses Planning to Use
OpenGIS Web Coverage Service (WCS) Implementation Standard, version 1.1.2 w/Corrigendum 2 - Use of standard	0.0	0
OpenGIS Web Feature Service Implementation Specification, version 1.1.0 with Corrigendum 1 - Use of standard	20.0	3
Geospatial Positioning Accuracy Standards, Part 4: Architecture, Engineering, Construction, and Facilities Management - Use of standard	26.67	4
Part 6, Hydrography, FGDC-STD-014.6-2008 - Use of standard	6.67	1

Geospatial Positioning Accuracy Standards, Part 1: Reporting Methodology - Use of standard	13.33	1
Styled Layer Descriptor profile of the Web Map Service Implementation Specification, version 1.1.0 - Use of standard	20.0	3
ISO/TS 19139:2007, Geographic information -- Metadata -- XML schema implementation - Use of standard	13.33	1
ISO/IEC 13818-3:1998, MPEG 2 - audio - Use of standard	0.0	0
INCITS 454 - 2009, Information technology - Codes for the Identification of Metropolitan and Micropolitan Statistical Areas and Related Statistical Areas of the United States and Puerto Rico - Use of standard	6.67	1
OpenGIS Location Services (OpenLS): Part 6-Navigation Service - Use of standard	6.67	1
OpenGIS Catalogue Services Specification 2.0.2 - ISO Metadata Application Profile - Use of standard	13.33	1
ISO/IEC IS 10918-1 ITU-T Recommendation T.81, JPEG - Use of standard	6.67	1
INCITS/ISO 19115-2:2009 [2009], Geographic information - Metadata - Part 2: Extensions for imagery and gridded data - Use of standard	26.67	4
Geographic information Framework Data Standard - Use of standard	13.33	1
ISO/IEC 13818-2:2000, MPEG 2 - video - Use of standard	0.0	0
Geospatial Positioning Accuracy Standards, Part 3: National Standard for Spatial Data Accuracy - Use of standard	13.33	1
Content Standard for Digital Geospatial Metadata: Extensions for Remote Sensing Metadata - Use of standard	6.67	1
Content Standard for Digital Geospatial Metadata (version 2.0) - Use of standard	13.33	1
INCITS/ISO 19119:2005 [R2010], Geographic information - Services - Use of standard	13.33	1
OpenGIS Catalogue Service (CAT) Implementation Specification (2.0.2) + Corrigendum for OpenGIS Implementation Specification 07-006: Catalogue Services, Version 2.0.2 - Use of standard	0.0	0
ISO/TS 19103:2004, Geographic information -- Conceptual schema language - Use of standard	6.67	1
Content Standard for Digital Geospatial Metadata: Part 2, Metadata Profile for Shoreline Data - Use of standard	6.67	1
Part 2, Digital Orthoimagery, FGDC-STD-014.2-2008 - Use of standard	6.67	1
Part 7a, Transportation - Air NOT endorsed - Use of standard	6.67	1
INCITS 38-2009, Information technology - Codes for the Identification of the States and Equivalent Areas within the United States, Puerto Rico, and the Insular Areas - Use of standard	13.33	1
OpenGIS Web Map Context (WMC) Documents Implementation Specification, Version 1.1.0 w/Corrigendum 1 - Use of standard	13.33	1

OpenGIS Filter Encoding Implementation Specification, version 1.1 - Use of standard	20.0	3
ISO 19131:2007, Geographic information - Data product specifications + Amendment 1 - Use of standard	13.33	1
United States Thoroughfare, Landmark, and Postal Address Data Standard - Use of standard	46.67	7
INCITS 446-2008, Information technology - Identifying Attributes for Named Physical and Cultural Geographic Features (Except Roads and Highways) of the United States, Its Territories, Outlying Areas, and Freely Associated Areas, and the Waters of the Same	13.33	1
OpenGIS Web Map Tile Service Implementation Standard, version 1.0.0 - Use of standard	6.67	1
Standard for a U.S. National Grid - Use of standard	13.33	1
Content Standard for Digital Geospatial Metadata: Part 1, Biological Data Profile - Use of standard	6.67	1
ISO 6709:2008/Corrigendum 1:2009, Standards representation of geographic point locations by coordinates w/Corrigendum 1 - Use of standard	26.67	4
INCITS/ISO 19119:2005/AM 1:2008 [2008], Geographic information - Services - Amendment 1: Extensions of the service metadata model - Use of standard	13.33	1
INCITS/ISO 19107:2003[R2008], Geographic Information - Spatial schema - Use of standard	26.67	4
Wetlands Mapping Standard - Use of standard	13.33	1
OpenGIS Symbology Encoding Implementation Specification, version 1.1.0 - Use of standard	20.0	3
ISO 19136:2007, Geographic information - Geographic Markup Language - Use of standard	13.33	1
INCITS/ISO 19123:2005 [2006], Geographic information - Schema for coverage geometry and functions - Use of standard	6.67	1
INCITS/ISO 19111:2007 [2007], Geographic information - Spatial referencing by coordinates - Use of standard	26.67	4
OpenGIS Web Map Service Implementation Specification, Version 1.3.0 - Use of standard	33.33	4
ISO 3166, Codes for the Representation of Names Of Countries and their Subdivisions - Use of standard	20.0	3
Content Standard for Remote Sensing Swath Data - Use of standard	13.33	1
Soil Geographic Data Standard - Use of standard	0.0	0
OpenGIS KML, version 2.2.0 - Use of standard	20.0	3
OpenGIS Location Services: Tracking Service Interface Standard - Use of standard	6.67	1
Part 3, Elevation, FGDC-STD-014.3-2008 - Use of standard	13.33	1
Digital Cartographic Standard for Geologic Map Symbolization - Use		

Digital Cartographic Standard for Geologic Map Symbolization - Use of standard	13.33	1
OpenGIS Location Services (OpenLS): Core Services, version 1.2 - Use of standard	13.33	1
OpenGIS Web Processing Service, Version: 1.0.0 w/ Corrigendum - Use of standard	26.67	4
NetCDF - (Network Common Data Form) - Use of standard	0.0	0
Part 7d, Transportation - Transit, FGDC-STD-014.7d-2008 - Use of standard	6.67	1
INCITS/ISO 19135:2005 [2006], Geographic information - Procedures for registration of geographical information items - Use of standard	13.33	1
INCITS/ISO 19110:2005 [R2010], Geographic information - Methodology for Feature Cataloguing - Use of standard	26.67	4
Part 7, Transportation Base, FGDC-STD-014.7-2008 - Use of standard	13.33	1
Part 5, Governmental Unit and Other Geographic Area boundaries, FGDC-STD-014.5-2008 - Use of standard	13.33	1
SDTS Part 5: Raster Profile with Basic Image Interchange Format (BIIF) Extension - Use of standard	6.67	1
OpenGIS Sensor Observation Service Interface Standard, version 1.0.0 - Use of standard	13.33	1
ISO/IEC 15444-1:2004 ITU-T Rec. T.800, JPEG 2000 - Use of standard	6.67	1
Utilities Data Content Standard - Use of standard	13.33	1
INCITS 31-2009, Information technology - Codes for the Identification of Counties and Equivalent Areas of the United States, Puerto Rico, and the Insular Areas - Use of standard	13.33	1
Spatial Data Transfer Standard (SDTS), Parts 1-4 - Use of standard	6.67	1
Cadastral Data Content Standard - Use of standard	33.33	4
INCITS 145 - 1986 [R2007], Codes for Identification of Hydrologic Units in the U.S. and the Caribbean (Outlying) Areas - Use of standard	6.67	1
OpenGIS Sensor Planning Service Implementation Specification, version 1.0.0 - Use of standard	13.33	1
ISO/TS 19138:2006, Geographic information -- Data quality measures - Use of standard	26.67	4
ISO 19144-1:2009, Geographic information -- Classification Systems -- Part 1: Classification system structure - Use of standard	13.33	1
INCITS 455 - 2009, Information technology - Codes for the Identification of Congressional Districts and Equivalent Areas of the United States, Puerto Rico, and the Insular Areas - Use of standard	6.67	1
GeoTIFF Revision 1.0 - Use of standard	13.33	1
SDTS Part 7: Computer-Aided Design and Drafting (CADD) Profile - Use of standard	6.67	1
INCITS/ISO 19108:2002[R2008] ISO 19108:2002 w/ Cor 1:2006, Geographic information - Temporal schema w/Corrigendum 1 - Use of	20.0	3

standard		
Classification of Wetlands and Deepwater Habitats in the United States - Use of standard	6.67	1
Content Standard for Digital Orthoimagery - Use of standard	6.67	1
Part 7b, Transportation - Rail, FGDC-STD-014.7b-2008 - Use of standard	13.33	1
Part 7c, Transportation - Road, FGDC-STD-014.7c-2008 - Use of standard	13.33	1
Part 4, Geodetic Control, FGDC-STD-014.4-2008 - Use of standard	13.33	1
INCITS/ISO 19134:2007 [2007], Geographic information - Location Based Services - Multimodal routing and navigation - Use of standard	0.0	0
SDTS Part 6: Point Profile - Use of standard	6.67	1
ISO/TS 19104:2008, Geographic information - Terminology - Use of standard	20.0	3
Part 1, Cadastral, FGDC-STD-014.1-2008 - Use of standard	13.33	1
INCITS/ISO 19132:2007 [2008], Geographic information - Location Based Services - Reference model - Use of standard	13.33	1
INCITS/ISO 19133:2005 [2006], Geographic information - Location Based Services - Tracking and navigation - Use of standard	6.67	1
HDF 5, Hierarchical Data Format V 5.0 - Use of standard	13.33	1
Part 7e, Transportation - Inland Waterways, FGDC-STD-014.7e-2008 - Use of standard	6.67	1
INCITS/ISO 19141:2008 [2008], Geographic information - Schema for moving features - Use of standard	0.0	0
ISO 19127:2005, Geographic information - Geodetic codes and parameters - Use of standard	20.0	3
National Vegetation Classification Standard (Version 2) - Use of standard	6.67	1
Geospatial Positioning Accuracy Standards, Part 2: Standards for Geodetic Networks - Use of standard	13.33	1
INCITS/ISO 19115:2003 [R2008] ISO 19115:2003 w/ ISO 19115 Cor. 1:2006, Geographic information - Metadata + Corrigendum 1 - Use of standard	40.0	6
OGC KML 2.2 Abstract Test Suite (1.0.0) - Use of standard	6.67	1
INCITS 453 - 2009, Information technology - North American Profile of ISO 19115:2003 - Geographic information - Metadata (NAP - Metadata) - Use of standard	33.33	4
INCITS/ISO 19112:2003 [2004], Geographic information - Spatial referencing by geographic identifiers - Use of standard	26.67	4
ISO 19109:2005, Geographic information - Rules for application schema - Use of standard	26.67	4
OpenGIS SensorML Encoding Standard v 1.0 w/Schema Corregendum 1 (1.01) - Use of standard	13.33	1

Part 0, Base document, FGDC-STD-014.0-2008 - Use of standard	13.33	1
Geospatial Positioning Accuracy Standards, Part 5: Standards for Nautical Charting Hydrographic Surveys - Use of standard	0.0	0
INCITS/ISO 19118:2005 [2006], Geographic information - Encoding - Use of standard	13.33	1
INCITS/ISO 19111-2:2007, Geographic information - Spatial referencing by coordinates - extension for parametric values - Use of standard	20.0	3

Applicable but Don't Use Standards

Standard	Percentage of Agencies selecting Applicable but Don't Use this Standard	Number of Responses
OpenGIS Web Coverage Service (WCS) Implementation Standard, version 1.1.2 w/Corregindum 2 - Use of standard	6.67	1
OpenGIS Web Feature Service Implementation Specification, version 1.1.0 with Corrigendum 1 - Use of standard	13.33	1
Geospatial Positioning Accuracy Standards, Part 4: Architecture, Engineering, Construction, and Facilities Management - Use of standard	0.0	0
Part 6, Hydrography, FGDC-STD-014.6-2008 - Use of standard	6.67	1
Geospatial Positioning Accuracy Standards, Part 1: Reporting Methodology - Use of standard	6.67	1
Styled Layer Descriptor profile of the Web Map Service Implementation Specification, version 1.1.0 - Use of standard	0.0	0
ISO/TS 19139:2007, Geographic information -- Metadata -- XML schema implementation - Use of standard	6.67	1
ISO/IEC 13818-3:1998, MPEG 2 - audio - Use of standard	13.33	1
INCITS 454 - 2009, Information technology - Codes for the Identification of Metropolitan and Micropolitan Statistical Areas and Related Statistical Areas of the United States and Puerto Rico - Use of standard	0.0	0
OpenGIS Location Services (OpenLS): Part 6-Navigation Service - Use of standard	20.0	3
OpenGIS Catalogue Services Specification 2.0.2 - ISO Metadata Application Profile - Use of standard	6.67	1
ISO/IEC IS 10918-1 ITU-T Recommendation T.81, JPEG - Use of standard	6.67	1
INCITS/ISO 19115-2:2009 [2009], Geographic information - Metadata - Part 2: Encoding - Use of standard	13.33	1

Metadata - Part 2: Extensions for imagery and gridded data - Use of standard	13.33	1
Geographic information Framework Data Standard - Use of standard	13.33	1
ISO/IEC 13818-2:2000, MPEG 2 - video - Use of standard	6.67	1
Geospatial Positioning Accuracy Standards, Part 3: National Standard for Spatial Data Accuracy - Use of standard	0.0	0
Content Standard for Digital Geospatial Metadata: Extensions for Remote Sensing Metadata - Use of standard	20.0	3
Content Standard for Digital Geospatial Metadata (version 2.0) - Use of standard	6.67	1
INCITS/ISO 19119:2005 [R2010], Geographic information - Services - Use of standard	13.33	1
OpenGIS Catalogue Service (CAT) Implementation Specification (2.0.2) + Corrigendum for OpenGIS Implementation Specification 07-006: Catalogue Services, Version 2.0.2 - Use of standard	20.0	3
ISO/TS 19103:2004, Geographic information -- Conceptual schema language - Use of standard	0.0	0
Content Standard for Digital Geospatial Metadata: Part 2, Metadata Profile for Shoreline Data - Use of standard	6.67	1
Part 2, Digital Orthoimagery, FGDC-STD-014.2-2008 - Use of standard	13.33	1
Part 7a, Transportation - Air NOT endorsed - Use of standard	0.0	0
INCITS 38-2009, Information technology - Codes for the Identification of the States and Equivalent Areas within the United States, Puerto Rico, and the Insular Areas - Use of standard	6.67	1
OpenGIS Web Map Context (WMC) Documents Implementation Specification, Version 1.1.0 w/Corrigendum 1 - Use of standard	6.67	1
OpenGIS Filter Encoding Implementation Specification, version 1.1 - Use of standard	0.0	0
ISO 19131:2007, Geographic information - Data product specifications + Amendment 1 - Use of standard	0.0	0
United States Thoroughfare, Landmark, and Postal Address Data Standard - Use of standard	0.0	0
INCITS 446-2008, Information technology - Identifying Attributes for Named Physical and Cultural Geographic Features (Except Roads and Highways) of the United States, Its Territories, Outlying Areas, and Freely Associated Areas, and the Waters of the Same	0.0	0
OpenGIS Web Map Tile Service Implementation Standard, version 1.0.0 - Use of standard	6.67	1
Standard for a U.S. National Grid - Use of standard	20.0	3
Content Standard for Digital Geospatial Metadata: Part 1, Biological Data Profile - Use of standard	20.0	3
ISO 6709:2008/Corrigendum 1:2009. Standards representation of		

ISO 6767:2006/Corrigendum 1:2007, Standards Representation of geographic point locations by coordinates w/Corrigendum 1 - Use of standard	0.0	0
INCITS/ISO 19119:2005/AM 1:2008 [2008], Geographic information - Services - Amendment 1: Extensions of the service metadata model - Use of standard	0.0	0
INCITS/ISO 19107:2003[R2008], Geographic Information - Spatial schema - Use of standard	6.67	1
Wetlands Mapping Standard - Use of standard	6.67	1
OpenGIS Symbology Encoding Implementation Specification, version 1.1.0 - Use of standard	20.0	3
ISO 19136:2007, Geographic information - Geographic Markup Language - Use of standard	20.0	3
INCITS/ISO 19123:2005 [2006], Geographic information - Schema for coverage geometry and functions - Use of standard	6.67	1
INCITS/ISO 19111:2007 [2007], Geographic information - Spatial referencing by coordinates - Use of standard	6.67	1
OpenGIS Web Map Service Implementation Specification, Version 1.3.0 - Use of standard	0.0	0
ISO 3166, Codes for the Representation of Names Of Countries and their Subdivisions - Use of standard	0.0	0
Content Standard for Remote Sensing Swath Data - Use of standard	6.67	1
Soil Geographic Data Standard - Use of standard	6.67	1
OpenGIS KML, version 2.2.0 - Use of standard	6.67	1
OpenGIS Location Services: Tracking Service Interface Standard - Use of standard	13.33	1
Part 3, Elevation, FGDC-STD-014.3-2008 - Use of standard	6.67	1
Digital Cartographic Standard for Geologic Map Symbolization - Use of standard	0.0	0
OpenGIS Location Services (OpenLS): Core Services, version 1.2 - Use of standard	6.67	1
OpenGIS Web Processing Service, Version: 1.0.0 w/ Corrigendum - Use of standard	6.67	1
NetCDF - (Network Common Data Form) - Use of standard	6.67	1
Part 7d, Transportation - Transit, FGDC-STD-014.7d-2008 - Use of standard	0.0	0
INCITS/ISO 19135:2005 [2006], Geographic information - Procedures for registration of geographical information items - Use of standard	20.0	3
INCITS/ISO 19110:2005 [R2010], Geographic information - Methodology for Feature Cataloguing - Use of standard	6.67	1
Part 7, Transportation Base, FGDC-STD-014.7-2008 - Use of standard	0.0	0

Part 5, Governmental Unit and Other Geographic Area boundaries, FGDC-STD-014.5-2008 - Use of standard	13.33	1
SDTS Part 5: Raster Profile with Basic Image Interchange Format (BIIF) Extension - Use of standard	26.67	4
OpenGIS Sensor Observation Service Interface Standard, version 1.0.0 - Use of standard	0.0	0
ISO/IEC 15444-1:2004 ITU-T Rec. T.800, JPEG 2000 - Use of standard	13.33	1
Utilities Data Content Standard - Use of standard	6.67	1
INCITS 31-2009, Information technology - Codes for the Identification of Counties and Equivalent Areas of the United States, Puerto Rico, and the Insular Areas - Use of standard	6.67	1
Spatial Data Transfer Standard (SDTS), Parts 1-4 - Use of standard	26.67	4
Cadastral Data Content Standard - Use of standard	0.0	0
INCITS 145 - 1986 [R2007], Codes for Identification of Hydrologic Units in the U.S. and the Caribbean (Outlying) Areas - Use of standard	0.0	0
OpenGIS Sensor Planning Service Implementation Specification, version 1.0.0 - Use of standard	13.33	1
ISO/TS 19138:2006, Geographic information -- Data quality measures - Use of standard	0.0	0
ISO 19144-1:2009, Geographic information -- Classification Systems -- Part 1: Classification system structure - Use of standard	0.0	0
INCITS 455 - 2009, Information technology - Codes for the Identification of Congressional Districts and Equivalent Areas of the United States, Puerto Rico, and the Insular Areas - Use of standard	0.0	0
GeoTIFF Revision 1.0 - Use of standard	6.67	1
SDTS Part 7: Computer-Aided Design and Drafting (CADD) Profile - Use of standard	13.33	1
INCITS/ISO 19108:2002[R2008] ISO 19108:2002 w/ Cor 1:2006, Geographic information - Temporal schema w/Corrigendum 1 - Use of standard	6.67	1
Classification of Wetlands and Deepwater Habitats in the United States - Use of standard	6.67	1
Content Standard for Digital Orthoimagery - Use of standard	13.33	1
Part 7b, Transportation - Rail, FGDC-STD-014.7b-2008 - Use of standard	6.67	1
Part 7c, Transportation - Road, FGDC-STD-014.7c-2008 - Use of standard	0.0	0
Part 4, Geodetic Control, FGDC-STD-014.4-2008 - Use of standard	6.67	1
INCITS/ISO 19134:2007 [2007], Geographic information - Location Based Services - Multimodal routing and navigation - Use of standard	13.33	1
SDTS Part 6: Data for Data Exchange - Use of standard	13.33	1

SDTS Part 6: Point Profile - Use of standard	15.55	1
ISO/TS 19104:2008, Geographic information - Terminology - Use of standard	6.67	1
Part 1, Cadastral, FGDC-STD-014.1-2008 - Use of standard	0.0	0
INCITS/ISO 19132:2007 [2008], Geographic information - Location Based Services - Reference model - Use of standard	6.67	1
INCITS/ISO 19133:2005 [2006], Geographic information - Location Based Services - Tracking and navigation - Use of standard	13.33	1
HDF 5, Hierarchical Data Format V 5.0 - Use of standard	0.0	0
Part 7e, Transportation - Inland Waterways, FGDC-STD-014.7e-2008 - Use of standard	6.67	1
INCITS/ISO 19141:2008 [2008], Geographic information - Schema for moving features - Use of standard	6.67	1
ISO 19127:2005, Geographic information - Geodetic codes and parameters - Use of standard	6.67	1
National Vegetation Classification Standard (Version 2) - Use of standard	0.0	0
Geospatial Positioning Accuracy Standards, Part 2: Standards for Geodetic Networks - Use of standard	0.0	0
INCITS/ISO 19115:2003 [R2008] ISO 19115:2003 w/ ISO 19115 Cor. 1:2006, Geographic information - Metadata + Corrigendum 1 - Use of standard	6.67	1
OGC KML 2.2 Abstract Test Suite (1.0.0) - Use of standard	6.67	1
INCITS 453 - 2009, Information technology - North American Profile of ISO 19115:2003 - Geographic information - Metadata (NAP - Metadata) - Use of standard	6.67	1
INCITS/ISO 19112:2003 [2004], Geographic information - Spatial referencing by geographic identifiers - Use of standard	0.0	0
ISO 19109:2005, Geographic information - Rules for application schema - Use of standard	0.0	0
OpenGIS SensorML Encoding Standard v 1.0 w/Schema Corrigendum 1 (1.01) - Use of standard	6.67	1
Part 0, Base document, FGDC-STD-014.0-2008 - Use of standard	6.67	1
Geospatial Positioning Accuracy Standards, Part 5: Standards for Nautical Charting Hydrographic Surveys - Use of standard	6.67	1
INCITS/ISO 19118:2005 [2006], Geographic information - Encoding - Use of standard	6.67	1
INCITS/ISO 19111-2:2007, Geographic information - Spatial referencing by coordinates - extension for parametric values - Use of standard	6.67	1