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The Best Practices Data Model – Structures

March 1, 2006

About Structures

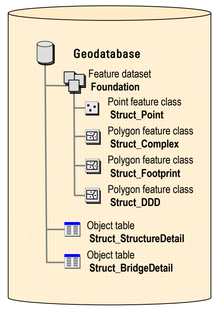
The Best Practices Data Model accommodates structure locations, building footprints, complexes, and 3D representations. Structure data is organized into four feature classes each categorized into sixteen subtypes (FTypes) and 275 domain categories (FCodes).

The FType and FCode values are based on the Homeland Security Infrastructure Program (HSIP) sectors and categories as detailed in the *Homeland Security Infrastructure Tiger Team Report, Appendix D – National Critical Infrastructure and Urban Area Minimum Essential Data Sets (MEDs)*.

Attribute information is stored in the Struct_Point feature class and its two related tables: Struct_StructureDetail and Struct_BridgeDetail.

Centroid points are generated for polygon features contained in the non-point Structure feature classes. These points are also included with their attributes in the Struct_Point feature class. A two-way association exists between a point and its polygon representation.

The Catalog View



Attribute Tables

Relationship class
StructPointHasStructureDetail

Type Simple	Forward label Struct_Point
Cardinality One to one	Backward label Struct_StructureDetail
Notification None	

Destination table	Origin feature class
Name Struct_StructureDetail	Name Struct_Point
	Primary key Permanent_Identifier
	Foreign key Feature_PermID

No relationship rules defined

Table
Struct_BridgeDetail

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
Permanent_Identifier	String	Yes					40
Source_FeatureID	String	Yes					40
Source_DatasetID	String	Yes					40
Source_DataDesc	String	Yes					100
Source_Originator	String	Yes					130
Data_Security	Short integer	Yes	0	Sec_Classification Domain	0		
Distribution_Policy	String	Yes	E4	Distribution_Policy Domain			4
LoadDate	Date	Yes			0	0	8
HazusClass	String	Yes					6
HazusTract	String	Yes					12
Owner	String	Yes					40
Type	String	Yes					10
MaxSpanLength	Double	Yes			0	0	
YearBuilt	Long integer	Yes			0		
YearRemodeled	Long integer	Yes			0		
Length	Double	Yes			0	0	
Width	Double	Yes			0	0	
SeatLength	Double	Yes			0	0	
SeatWidth	Double	Yes			0	0	
NumSpans	Long integer	Yes			0		
Cost	Double	Yes			0	0	
SkewAngle	Double	Yes			0	0	
PierType	String	Yes					10
FoundationType	String	Yes					10
ScourIndex	String	Yes					10
Condition	String	Yes					10
Traffic	Long integer	Yes			0		
TrafficIndex	String	Yes					10
Remarks	String	Yes					60
Feature_PermID	String	Yes					40

Relationship class
StructPointHasBridgeDetail

Type Simple	Forward label Struct_Point
Cardinality One to one	Backward label Struct_BridgeDetail
Notification None	

Destination table	Origin feature class
Name Struct_BridgeDetail	Name Struct_Point
	Primary key Permanent_Identifier
	Foreign key Feature_PermID

No relationship rules defined

Table
Struct_StructureDetail

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
Permanent_Identifier	String	Yes					40
Source_FeatureID	String	Yes					40
Source_DatasetID	String	Yes					40
Source_DataDesc	String	Yes					100
Source_Originator	String	Yes					130
Data_Security	Short integer	Yes	0	Sec_Classification Domain	0		
Distribution_Policy	String	Yes	E4	Distribution_Policy Domain			4
LoadDate	Date	Yes			0	0	8
HazusClass	String	Yes					6
HazusTract	String	Yes					12
Contact	String	Yes					60
Owner	String	Yes					40
PhoneNumber	String	Yes					20
YearBuilt	Long integer	Yes			0		
YearUpgraded	Long integer	Yes			0		
UseOrFunction	String	Yes					20
Width	Double	Yes			0	0	
Length	Double	Yes			0	0	
NumAmbulances	Long integer	Yes			0		
NumBeds	Long integer	Yes			0		
NumBerths	Long integer	Yes			0		
NumCranes	Long integer	Yes			0		
NumStories	Long integer	Yes			0		
NumStudents	Long integer	Yes			0		
NumTrucks	Long integer	Yes			0		
Kitchen	Long integer	Yes			0		
Cost	Double	Yes			0	0	
BackupPower	Long integer	Yes			0		
Area	Long integer	Yes			0		
District	String	Yes					40
Capacity	Long integer	Yes			0		
Demand	Long integer	Yes			0		
Traffic	Long integer	Yes			0		
Remarks	String	Yes					60
Feature_PermID	String	Yes					40

FEATURE CLASSES

Simple feature class
Struct_Point

Geometry Point
Contains M values No
Contains Z values No

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
Shape	Geometry	Yes					
OBJECTID	Object ID						
Permanent_Identifier	String	Yes					40
Source_FeatureID	String	Yes					40
Source_DatasetID	String	Yes					40
Source_DataDesc	String	Yes					100
Source_Originator	String	Yes					130
Data_Security	Short integer	Yes	0	Sec_Classification Domain	0		
Distribution_Policy	String	Yes	E4	Distribution_Policy Domain			4
LoadDate	Date	Yes			0	0	8
FType	Long integer	No	730		0		
FCode	Long integer	Yes	73002		0		
Name	String	Yes					60
IsLandmark	Long integer	Yes	2	YesNo Domain	0		
PointLocationType	Long integer	Yes	1	PointLocationType Domain	0		
AdminType	Long integer	Yes		OwnerClass Domain	0		
AddressBuildingName	String	Yes					60
Address	String	Yes					75
City	String	Yes					40
State	String	Yes					2
Zipcode	String	Yes					10
GNIS_ID	String	Yes					10
Foot_PermID	String	Yes					40
Complex_PermID	String	Yes					40
DDD_PermID	String	Yes					40

Simple feature class
Struct_Complex

Geometry Polygon
Contains M values No
Contains Z values No

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
Shape	Geometry	Yes					
OBJECTID	Object ID						
Permanent_Identifier	String	Yes					40
Source_FeatureID	String	Yes					40
Source_DatasetID	String	Yes					40
Source_DataDesc	String	Yes					100
Source_Originator	String	Yes					130
Data_Security	Short integer	Yes	0	Sec_Classification Domain	0		
Distribution_Policy	String	Yes	E4	Distribution_Policy Domain			4
LoadDate	Date	Yes			0	0	8
StructPt_PermID	String	Yes					40
FType	Long integer	Yes	730		0		
FCode	Long integer	Yes	73002		0		
Name	String	Yes					60
Shape_Length	Double	Yes			0	0	
Shape_Area	Double	Yes			0	0	

Simple feature class
Struct_Footprint

Geometry Polygon
Contains M values No
Contains Z values No

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
Shape	Geometry	Yes					
OBJECTID	Object ID						
Permanent_Identifier	String	Yes					40
Source_FeatureID	String	Yes					40
Source_DatasetID	String	Yes					40
Source_DataDesc	String	Yes					100
Source_Originator	String	Yes					130
Data_Security	Short integer	Yes	0	Sec_Classification Domain	0		
Distribution_Policy	String	Yes	E4	Distribution_Policy Domain			4
LoadDate	Date	Yes			0	0	8
StructPt_PermID	String	Yes					40
FType	Long integer	Yes	730		0		
FCode	Long integer	Yes	73002		0		
Name	String	Yes					60
Shape_Length	Double	Yes			0	0	
Shape_Area	Double	Yes			0	0	

Simple feature class
Struct_DDD

Geometry Polygon
Contains M values No
Contains Z values Yes

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
Shape	Geometry	Yes					
OBJECTID	Object ID						
Permanent_Identifier	String	Yes					40
Source_FeatureID	String	Yes					40
Source_DatasetID	String	Yes					40
Source_DataDesc	String	Yes					100
Source_Originator	String	Yes					130
Data_Security	Short integer	Yes	0	Sec_Classification Domain	0		
Distribution_Policy	String	Yes	E4	Distribution_Policy Domain			4
LoadDate	Date	Yes			0	0	8
StructPt_PermID	String	Yes					40
FType	Long integer	No	730		0		
FCode	Long integer	Yes	73002		0		
Name	String	Yes					60
NumFloors	Long integer	Yes			0		
BldHeight	Double	Yes			0	0	
Base_Height	Double	Yes			0	0	
Shape_Length	Double	Yes			0	0	
Shape_Area	Double	Yes			0	0	

Subtypes

Subtypes of Struct_Point, Struct_Complex, Struct_DDD, Struct_Footprint

Subtype field FType
Default subtype 730

Subtype Code	Subtype Description
880	Information and Communication
790	Building General
710	Industry
760	Banking and Finance
780	Mail and Shipping
830	Government and Military
720	Commercial and Retail
701	Agriculture, Food, and Livestock
820	Public Attractions and Landmark Buildings
810	Transportation Facilities
850	Water Supply and Treatment
750	Energy
730	Education
800	Health and Medical
740	Emergency Response and Law Enforcement
840	Weather

List of defined default values and domains for subtypes in these classes

Field name	Default value	Domain
Data_Security	0	Sec_Classification Domain
Distribution_Policy	E4	Distribution_Policy Domain
FCode	88000	Information and Comm FCode
Data_Security	0	Sec_Classification Domain
Distribution_Policy	E4	Distribution_Policy Domain
FCode	79000	Building General FCode
Data_Security	0	Sec_Classification Domain
Distribution_Policy	E4	Distribution_Policy Domain
FCode	71000	Industry FCode
Data_Security	0	Sec_Classification Domain
Distribution_Policy	E4	Distribution_Policy Domain
FCode	76000	Banking and Finance FCode
Data_Security	0	Sec_Classification Domain
Distribution_Policy	E4	Distribution_Policy Domain
FCode	78000	Mail and Shipping FCode
Data_Security	0	Sec_Classification Domain
Distribution_Policy	E4	Distribution_Policy Domain
FCode	83000	Govt and Military FCode
Data_Security	0	Sec_Classification Domain
Distribution_Policy	E4	Distribution_Policy Domain
FCode	72000	Commercial and Retail FCode
Data_Security	0	Sec_Classification Domain
Distribution_Policy	E4	Distribution_Policy Domain
FCode	70100	Ag, Food, and Livestock FCode
Data_Security	0	Sec_Classification Domain
Distribution_Policy	E4	Distribution_Policy Domain
FCode	82000	Pub. Attractions & Ldmk Struct FCode
Data_Security	0	Sec_Classification Domain
Distribution_Policy	E4	Distribution_Policy Domain
FCode	81000	Transportation Facilities FCode
Data_Security	0	Sec_Classification Domain
Distribution_Policy	E4	Distribution_Policy Domain
FCode	85000	Water Supply and Treatment FCode
Data_Security	0	Sec_Classification Domain
Distribution_Policy	E4	Distribution_Policy Domain
FCode	75000	Energy FCode
Data_Security	0	Sec_Classification Domain
Distribution_Policy	E4	Distribution_Policy Domain
FCode	73000	Education FCode
Data_Security	0	Sec_Classification Domain
Distribution_Policy	E4	Distribution_Policy Domain
FCode	80000	Health and Medical FCode
Data_Security	0	Sec_Classification Domain
Distribution_Policy	E4	Distribution_Policy Domain
FCode	74000	Emerg Resp & Law Enforcement FCode
Data_Security	0	Sec_Classification Domain
Distribution_Policy	E4	Distribution_Policy Domain
FCode	84000	Weather FCode

Feature Metadata

To Meta

Table
BPFeatureToMetadata

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
Permanent_Identifier	String	Yes			0		40
Meta_ProcessID	String	Yes			0		40

Relationship class
MetaProcessToFeature

Type Simple	Forward label FeatureToMetadata
Cardinality One to many	Backward label MetaProcess
Notification None	

Destination table	Origin table
Name BPFeatureToMetadata	Name Meta_ProcessDetail
	Primary key Meta_ProcessID
	Foreign key Meta_ProcessID

No relationship rules defined

Table
Meta_ProcessDetail

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
Meta_ProcessID	String	No					40
ProcessDescriptor	String	No					4000
ProcessDate	Date	No			0	0	8
LoadDate	Date	No			0	0	8
DataSetCredit	String	Yes					4000
ContactOrganization	String	Yes					100
Address	String	Yes					100
City	String	Yes					40
StateOrProvince	String	Yes					30
PostalCode	String	Yes					20
ContactVoicePhone	String	Yes					40
ContactEmailAddress	String	Yes					40
ContactURL	String	Yes					50
ContactInstructions	String	Yes					120

Relationship class
MetaProcessHasMetaDataset

Type Simple	Forward label MetaDataset
Cardinality One to many	Backward label MetaProcess
Notification None	

Origin table	Destination table
Name Meta_ProcessDetail	Name Meta_DatasetDetail
Primary key Meta_ProcessID	
Foreign key Meta_ProcessID	

No relationship rules defined

Table
Meta_DatasetDetail

Field name	Data type	Allow nulls	Default value	Domain	Precision	Scale	Length
OBJECTID	Object ID						
Source_DatasetID	String	No					40
Title	String	Yes					100
Editor	String	Yes					100
SourceOriginator	String	Yes					130
SourceCitationAbbreviation	String	Yes					30
PublicationDate	Date	Yes			0	0	8
BeginningDate	Date	Yes			0	0	8
EndingDate	Date	Yes			0	0	8
SourceCurrentnessReference	String	Yes					100
AttributeAccuracyReport	String	Yes					1800
LogicalConsistencyReport	String	Yes					1000
CompletenessReport	String	Yes					2400
HorizPositionalAccuracyReport	String	Yes					1800
VertPositionalAccuracyReport	String	Yes					1800
Source_IDFieldName	String	Yes					50
SourceScaleDenominator	Long integer	Yes			0		
SourceContributor	String	Yes					750
SourceURI	String	Yes					50
MetadataStandardName	String	Yes					100
MetadataStandardVersion	String	Yes					40
MetadataDate	Date	Yes			0	0	8
Data_Security	Short integer	Yes		Sec_Classification Domain	0		
Distribution_Policy	String	Yes		Distribution_Policy Domain			4
Meta_ProcessID	String	No					40

Metadata is stored in the model in three related tables. The Meta_DatasetDetail table holds information specific to the source of the data, i.e.; originator name, data accuracy and currency, data source url, etc. The Meta_ProcessDetail table holds fields specific to the processor (contact information) and the process used in loading or updating the dataset features or objects.

The BPFeatureToMetadata table links the features / objects (Permanent_Identifier) to one or more processes (Meta_ProcessID) and their sources. This table gives the model the capability of lineage, i.e.; tracking the history of changes for a given feature.

Each feature and object in the model is linked to the Meta_DatasetDetail table through the Source_DatasetID field included in every feature class and object table. Certain metadata fields in the Meta_DatasetDetail and Meta_ProcessDetail tables are included on the features and objects themselves to give the user quick access to key metadata information. (See fields outlined in red).

For field definitions, please refer to the document *Standard Content Standard for Digital Geospatial Metadata* (FGDC-STD-001-1998). http://www.fgdc.gov/metadata/contstan.html

The Best Practices Data Model was developed as a collaborative effort between ESRI and the U.S. Geological Survey. A "GIS for the Nation," the Best Practices Data Model offers a data sharing information template to accommodate local, state, tribal, and national data needs.

This poster depicts the Best Practices model, version 1.1 and was created by the U. S. Geological Survey National Geospatial Technical Operations Center, Denver, Colorado, 80225

Domains

Color Key for Domains (HSIP MEDs* Categories)

- Critical Infrastructure
- High Value or Symbolic Targets
- Important Industry
- Miscellaneous

* Homeland Security Infrastructure Program Minimum Essential Data Sets

Coded value domain
Banking and Finance FCode
Description
Field type *Long integer*
Split policy *Default value*
Merge policy *Default value*

Code	Description
76000	Banking or Finance Facility
76004	Bank
76006	Bullion Repository
76008	Check Clearing Center
76010	Commodities Exchange
76012	Federal Reserve Bank / Branch
76014	Financial Processing Center
76016	Financial Services Company
76018	Investment / Brokerage Center
76020	Insurance and Finance Center
76022	Stock Exchange
76024	US Mint / Bureau of Engraving and Printing

Coded value domain
Energy FCode
Description
Field type *Long integer*
Split policy *Default value*
Merge policy *Default value*

Code	Description
75000	Energy Facility
75002	Energy Distribution Control Facility
75004	Natural Gas Facility
75006	Nuclear Fuel Plant
75008	Nuclear Research Facility
75009	Nuclear Waste Processing / Storage Facility
75010	Nuclear Weapons Plant
75012	Oi / Gas Facility
75014	Oi / Gas Well or Field
75016	Oi / Gas Extraction or Injection Well
75018	Oi / Gas Pumping Station
75020	Oi / Gas Refinery
75022	Oi / Gas Processing Plant
75024	Oil / Gas Storage Facility / Tank Farm
75026	POL Storage Tank
75028	Strategic Petroleum Reserve
75030	Electric Facility
75032	Hydroelectric Facility
75034	Nuclear Facility
75036	Solar Facility
75038	Substation
75039	Coal Facility
75040	Wind Facility
75041	Waste / Biomass Facility
75042	Tidal Facility
75043	Geothermal Facility

Coded value domain
Emergency Response and Law Enforcement FCode
Description
Field type *Long integer*
Split policy *Default value*
Merge policy *Default value*

Code	Description
74000	Emergency Response or Law Enforcement Facility
74001	Ambulance Service
74002	American Red Cross Facility
74004	Border Patro
74006	Bureau of Alcohol Tobacco and Firearms
74008	Civil Defense
74010	Coast Guard
74012	Customs Service
74014	Department of Justice
74016	Drug Enforcement Agency
74017	Emergency Response Facility
74018	Federal Bureau of Investigation
74020	Federal Emergency Management Agency
74022	Fire Equipment Manufacturer
74024	Fire Hydrant
74026	Fire Station / EMS Station
74028	Fire Training Facility / Academy
74030	Immigration and Naturalization Service
74032	Marshal Service
74034	Law Enforcement
74036	Prison / Correctional Facility
74037	Public Safety Office
74038	Search and Rescue Office / Facility
74040	Secret Service
74042	Transportation Safety Board
74044	Office of Emergency Management

Coded value domain
Government and Military FCode Domain
Description
Field type *Long integer*
Split policy *Default value*
Merge policy *Default value*

Code	Description
83000	Government or Military Facility
83002	Bureau of Land Managment Facility
83004	US Capitol
83006	State Capitol
83008	US Supreme Court
83010	State Supreme Court
83011	Court House
83012	Critical Federal Contractor Facility
83014	Department of Energy Facility
83016	Department of State Facility
83018	Department of Motor Vehicle Facility
83020	DoD / Military Facility
83022	Governor Residence
83024	Intelligence Facility
83026	Local Government Facility
83028	NASA Facility
83030	National Guard Armory / Base
83032	National Park Service Facility
83034	State Government Facility
83036	Tribal Government Facility
83038	US Forest Service Facility
83040	US Government Facility
83042	White House
83043	Department of Public Works
83044	City / Town Hal

Coded value domain
Information and Communication FCode
Description
Field type *Long integer*
Split policy *Default value*
Merge policy *Default value*

Code	Description
88000	Information or Communication Facility
88002	Communication Tower
88004	Data Center
88006	Internet DNS Location / Other Node
88008	Internet Metro Area Exchange / Hub
88010	Internet Service Provider
88012	Radio / TV Broadcast Facility
88014	Satellite Ground Station
88016	Telephone Facility

Coded value domain
Health and Medical FCode
Description
Field type *Long integer*
Split policy *Default value*
Merge policy *Default value*

Code	Description
80000	Health or Medical Facility
80002	Blood Bank
80004	Center for Disease Control Office
80006	Day Care Facility
80008	Diagnostic Laboratory
80010	Homeless Shelter
80012	Hospital / Medical Center
80014	Medical Research Laboratory
80016	Medical Stockpile Facility
80018	Morgue
80020	Mortuary / Crematory
80022	Nursing Home / Long Term Care
80024	Outpatient Clinic
80026	Pharmacy
80028	Public Health Office
80030	Rehabilitation Center

Coded value domain
Transportation Facilities FCode
Description
Field type *Long integer*
Split policy *Default value*
Merge policy *Default value*

Code	Description
81000	Transportation Facility
81006	Airport Terminal
81008	Air Support / Maintenance Facility
81010	Air Traffic Control Center / Command Center
81011	Boat Ramp / Dock
81012	Bridge
81014	Bridge: Light Rail / Subway
81016	Bridge: Railroad
81018	Bridge: Road
81020	Border Crossing / Port of Entry
81022	Bus Station / Dispatch Facility
81024	Ferry Terminal / Dispatch Facility
81025	Harbor / Marina
81026	Heliport / Heliport / Helispot
81028	Launch Facility
81030	Launch Pad
81032	Light Rail Power Substation
81034	Light Rail Station
81036	Park and Ride / Commuter Lot
81038	Parking Lot Structure / Garage
81040	Pier / Wharf / Quay / Mole
81042	Port Facility
81044	Port Facility: Commercial Port
81046	Port Facility: Crane
81048	Port Facility: Maintenance and Fuel Facility
81050	Port Facility: Modal Transfer Facility
81052	Port Facility: Passenger Terminal
81054	Port Facility: Warehouse Storage / Container Yd
81056	Railroad Facility
81058	Railroad Command / Control Facility
81060	Railroad Freight Loading Facility
81062	Railroad Maintenance / Fuel Facility
81064	Railroad Roundhouse / Turntable
81066	Railroad Station
81068	Railroad Yard
81070	Rest Stop / Roadside Park
81072	Seaplane Anchorage / Base
81073	Snowshed
81074	Subway Station
81076	Toll Booth / Plaza
81078	Truck Stop
81080	Tunnel
81082	Tunnel: Light Rail / Subway
81084	Tunnel: Road
81086	Tunnel: Railroad
81088	Weigh Station / Inspection Station

Coded value domain
Water Supply and Treatment FCode
Description
Field type *Long integer*
Split policy *Default value*
Merge policy *Default value*

Code	Description
85000	Water Supply or Treatment Facility
85001	Potable Water Facility
85002	Public Water Supply Intake
85004	Public Water Supply Well
85006	Wastewater Treatment Plant
85008	Water Pumping Station
85010	Water System Control Facility
85012	Water Tank
85014	Water Tower
85016	Water Treatment Facility

Coded value domain
Public Attractions and Landmark Structures FCode
Description
Field type *Long integer*
Split policy *Default value*
Merge policy *Default value*

Code	Description
82000	Public Attraction or Landmark Building
82002	Amusement / Water Park
82004	Arboretum / Botanical Garden
82006	Auditorium / Concert Hall / Theater / Opera House
82008	Campground
82010	Cemetery
82011	Community / Recreation Center
82012	Convention Center
82014	Fair / Exhibition / Rodeo Grounds
82016	Golf Course
82018	Historic Site / Point of Interest
82020	House of Worship
82022	Ice Arena
82024	Library
82026	Lighthouse / Light
82028	Lookout Tower
82030	Marina
82032	Museum
82034	National Symbol / Monument
82036	Observatory
82038	Outdoor Theater / Amphitheater
82040	Picnic Area
82042	Racetrack / Dragstrip
82044	Ski Area / Ski Resort
82046	Sports Arena / Stadium
82047	Trailhead
82048	Visitor / Information Center
82050	Zoo

Coded value domain
Agriculture, Food, and Livestock FCode
Description
Field type *Long integer*
Split policy *Default value*
Merge policy *Default value*

Code	Description
70100	Agriculture or Livestock Structure
70101	Agricultural Experimental Station
70102	Food Industry Facility
70103	Bakery (Regional)
70104	Beverage Bottling Plant
70106	Brewery / Distillery / Winery
70108	Cannery
70110	Corral
70112	Dairy
70114	Farm / Ranch
70116	Feedlot
70118	Food Distribution Center
70120	Fish Farm / Hatchery
70122	Fish Ladder
70123	Grain Elevator
70124	Grain Mill
70126	Greenhouse / Nursery
70128	Livestock Complex
70130	Meat Processing / Packaging Facility
70132	Stockyard / Feedlot
70134	Veterinary Hospital / Clinic

Coded value domain
Commercial and Retail FCode
Description
Field type *Long integer*
Split policy *Default value*
Merge policy *Default value*

Code	Description
72000	Commercial or Retail Facility
72002	Corporate Headquarters
72004	Gas Station
72006	Grocery Store
72008	Hotel / Motel
72010	Shopping Mall / Complex
72012	Warehouse (Retail / Wholesale)

Coded value domain
Industry FCode
Description
Field type *Long integer*
Split policy *Default value*
Merge policy *Default value*

Code	Description
71000	Industrial Facility
71001	Chemical Facility
71002	Manufacturing Facility
71004	Aircraft Manufacturing Facility
71006	Armament Manufacturing Facility
71008	Automotive Manufacturing Facility
71010	Durable/Non-Durable Goods Facility
71012	Explosives Facility
71014	Fertilizer Facility
71016	Hazardous Materials Facility
71018	Hazardous Waste Facility
71020	Household Products Facility
71022	Landfill
71024	Lumber Mill / Saw Mill
71026	Maintenance Yard
71028	Manufacturing Warehouse
71030	Mine
71032	Mine Waste Disposal Site
71034	Mine Uranium Facility
71036	Nuclear Weapons Facility
71038	Ore Processing Facility
71040	Paper / Pulp Mill
71042	Pharmaceutical Plant
71044	Semiconductor & Microchip Facility
71046	Shipyard
71048	Steel Plant
71050	Superfund Site
71052	Textile Plant

Coded value domain
Mail and Shipping FCode
Description
Field type *Long integer*
Split policy *Default value*
Merge policy *Default value*

Code	Description
78000	Mail or Shipping Facility
78002	Air Shipping Hub
78004	Bulk Mail Center
78006	Post Office
78008	Private and Express Shipping Facility

Coded value domain
Building General FCode
Description
Field type *Long integer*
Split policy *Default value*
Merge policy *Default value*

Code	Description
79000	Building General
79002	Mobile Home Park
79004	Multi-Family Dwelling
79006	Single-Family Dwelling
79008	Institutional Residence / Dorm / Barracks

Coded value domain
Education FCode Domain
Description
Field type *Long integer*
Split policy *Default value*
Merge policy *Default value*

Code	Description
73000	Education Facility
73002	School
73003	School: Elementary
73004	School: Middle School
73005	School: High School
73006	College / University

Coded value domain
Weather FCode Domain
Description
Field type *Long integer*
Split policy *Default value*
Merge policy *Default value*

Code	Description
84000	Weather Facility or Structure
84002	Warning Center
84004	Weather Data Center
84006	Weather Forecast Office
84008	Weather Radar Site