

# Geodatabase schema diagram

This diagram was auto-generated by the Geodatabase Diagrammer application sample and contains graphic elements that you can use to produce a data model diagram. This sample is available from the ArcScripts site on [www.esri.com](http://www.esri.com). You can find examples of finished data model diagrams at the data model section of [arconline.esri.com](http://arconline.esri.com).

Geodatabase R:\RECOVER\_BaseLayers\WesternUS.gdb

Date generated Wednesday, April 12, 2017

## Geodatabase summary graphics

You can use these graphics to construct a structural summary of your geodatabase.

**Polygon feature class LandslidePotential** Place a description of this feature class or table here.

**Line feature class Roads** Place a description of this feature class or table here.

**Polygon feature class Soils\_SSURGO** Place a description of this feature class or table here.

**Polygon feature class Habitat** Place a description of this feature class or table here.

**Polygon feature class Soils\_STATSGO** Place a description of this feature class or table here.

**Polygon feature class WatershedsWBD** Place a description of this feature class or table here.

**Polygon feature class SMA** Place a description of this feature class or table here.

**Polygon feature class PLS** Place a description of this feature class or table here.

**Polygon feature class Fires1950\_Present** Place a description of this feature class or table here.

**Table Alternate\_Info** Place a description of this feature class or table here.

**Line feature class NHD** Place a description of this feature class or table here.

**Polygon feature class Geology** Place a description of this feature class or table here.

**Polygon feature class Wetlands** Place a description of this feature class or table here.

**Relationship class AIFireParameters\_Alternate\_Info** Place a description of this feature class or table here.

**Simple feature class NHD** Type a description of this feature class or table in this placeholder text.

Field name	Data type	Allow nulls	Default value	Domain	Prec-ision	Scale	Length
OBJECTID	Object ID						
Shape	Geometry	Yes					
FDate	Date	Yes			0	8	
Resolution	Long Integer	Yes		Resolution			
GNIS_Name	String	Yes					
ReachCode	String	Yes					14
FlowDir	Long Integer	Yes	0	HydroFlowDirections			
FType	Long Integer	Yes	460				
FCODE	Long Integer	Yes		ArtificialPath FCODE			
Shape_Length	Double	Yes					0 0

**Subtypes of NHD** List of defined default values and domains for subtypes in this class

Subtype Code	Subtype Description	Resolution	FlowDir	FCODE	HydroFlowDirections	ArtificialPath FCODE
558	ArtificialPath	Resolution	FlowDir	0	HydroFlowDirections	ArtificialPath FCODE
336	CanalDitch	Resolution	FlowDir	0	HydroFlowDirections	CanalDitch FCODE
428	Pipeline	Resolution	FlowDir	0	HydroFlowDirections	Pipeline FCODE
420	Underground Conduit	Resolution	FlowDir	0	HydroFlowDirections	Underground Conduit FCODE
460	StreamRiver	Resolution	FlowDir	0	HydroFlowDirections	StreamRiver FCODE
334	Connector	Resolution	FlowDir	0	HydroFlowDirections	Connector FCODE
566	Coastline	Resolution	FlowDir	0	HydroFlowDirections	Coastline FCODE

**Simple feature class Geology** Type a description of this feature class or table in this placeholder text.

Field name	Data type	Allow nulls	Default value	Domain	Prec-ision	Scale	Length
OBJECTID	Object ID						
Shape	Geometry	Yes					
SOURCE	String	Yes					8
UNIT_AGE	String	Yes					60
STATE	String	Yes					70
URL	String	Yes					12
UNIT_LINK	String	Yes					35
LITHO2	String	Yes					35
LITHO2MNO	String	Yes					0 0
Shape_Length	Double	Yes					0 0
Shape_Area	Double	Yes					0 0

**Simple feature class Wetlands** Type a description of this feature class or table in this placeholder text.

Field name	Data type	Allow nulls	Default value	Domain	Prec-ision	Scale	Length
OBJECTID	Object ID						
Shape	Geometry	Yes					
ATTRIBUTE	String	Yes					20
WETLAND_TYPE	Short Integer	Yes		WetlandType			
Acres	Long Integer	Yes					
Shape_Length	Double	Yes					0 0
Shape_Area	Double	Yes					0 0

**Relationship class AIFireParameters\_Alternate\_Info** Type a description of this feature class or table in this placeholder text.



**Coded value domain Coastline FCODE**

Code	Description
5660	Coastline

**Coded value domain Resolution**

Code	Description
1	Local
2	High
3	Medium

**Coded value domain HUType Domain\_1**

Code	Description
S	Standard
C	Closed Basin
F	Frontal
M	Multiple Outlet
W	Wad
I	Island

**Coded value domain UnitType**

Code	Description
0	Undetermined
1	Agency
2	Reservation
3	Branch
4	Air Force Base
5	Army Base
6	National Forest
7	National Wildlife Refuge
8	National Monument
9	National Recreation Area
10	Department
11	Not Applicable
12	Bandiera
13	Training Center
14	National Guard Camp
15	Marine Corps Base
16	Marine Corps Air Station
17	Naval Air Station
18	Naval Station
19	National Park
20	National Historic Site
21	National Seashore
22	Management Unit
23	Wildlife Management Area
24	National Preserve
25	National Historical Park
26	Village
27	Gunnery Range
28	Naval Weapons Center
29	Naval Base
30	Water
31	Pueblo
32	National Memorial
33	Army Depot
34	Wilderness
35	Historic Water

**Coded value domain Agency**

Code	Description
0	Undetermined
1	BLM
2	BIA
3	AF
4	ARMY
5	FS
6	FWS
7	NPS
8	BOR
9	COE
10	ST
11	LG
12	PVT
13	KAC
14	NAVY
15	CG
16	DDO
17	GSA
18	BPA
19	FAA
20	FHA
21	DOE
22	DOI
23	USDA
24	VA
25	OTFHE - Other Federal Agencies

**Coded value domain Dept**

Code	Description
0	Undetermined
1	DO
2	DDO
3	USDA
4	ST
5	LG
6	PVT
7	OTFHE
8	DHS
9	DOE
10	GSA
11	DOT
12	VA
13	HUD

**Coded value domain WetlandType**

Code	Description
0	Other
1	2027
2	Estuarine and Marine Wetland
3	Estuarine and Marine Wetland
4	Freshwater Emergent Wetland
5	Freshwater Forested/Shrub Wetland
6	Lake
7	Riverine

**Coded value domain Pipeline FCODE**

Code	Description
42800	Pipeline
42816	Pipeline: Pipeline Type = Aqueduct
42802	Pipeline: Pipeline Type = Aqueduct
42802	Pipeline: Pipeline Type = Aqueduct
42804	Pipeline: Pipeline Type = General
42814	Pipeline: Pipeline Type = General
42805	Pipeline: Pipeline Type = General
42806	Pipeline: Pipeline Type = General
42807	Pipeline: Pipeline Type = General
42808	Pipeline: Pipeline Type = General
42815	Pipeline: Pipeline Type = Penstock
42809	Pipeline: Pipeline Type = Penstock
42810	Pipeline: Pipeline Type = Penstock
42811	Pipeline: Pipeline Type = Penstock
42812	Relationship to Surface =
42813	Pipeline: Pipeline Type = Siphon
42804	Pipeline: Pipeline Type = Siphon
42821	Stormwater: Relationship to Surface =
42822	Stormwater: Relationship to Surface =
42823	Stormwater: Relationship to Surface =
42824	Stormwater: Relationship to Surface =

**Coded value domain HydroFlowDirections**

Code	Description
1	WithGravited

**Coded value domain Underground Conduit FCODE**

Code	Description
42000	Underground Conduit
42001	Underground Conduit: Positional
42002	Underground Conduit: Positional
42003	Underground Conduit: Positional

**Coded value domain ArtificialPath FCODE**

Code	Description
55800	Artificial Path

**Coded value domain StreamRiver FCODE**

Code	Description
46000	Stream/River
46003	Stream/River: Hydrographic
46006	Stream/River: Hydrographic
46007	Stream/River: Hydrographic

**Coded value domain Source**

Code	Description
0	Unknown
1	Can-NGO
2	Legacy

**Coded value domain Notes**

Code	Description
0	NA
1	Preliminary Primary Habitat (PPH)
2	Preliminary General Habitat (PGH)
3	Occupied (OUGS)
4	Unoccupied (UUGS)
5	Columbian Basin Priority Habitat
6	Columbian Basin General Habitat
7	B-State Priority Habitat
8	Critical Habitat

**Coded value domain PLS Type**

Code	Description
0	Unknown
1	Section
2	Protected block
3	Unsurveyed protected
4	Unsurveyed unprotected

**Coded value domain Connector FCODE**

Code	Description
33400	Connector

## Geodatabase detail graphics

You can use these graphics to lay out a detailed diagram of your geodatabase schema.

**Simple feature class LandslidePotential** Type a description of this feature class or table in this placeholder text.

Field name	Data type	Allow nulls	Default value	Domain	Prec-ision	Scale	Length
OBJECTID	Object ID						
Shape	Geometry	Yes					
INC_SUS	String	Yes					8
Shape_Length	Double	Yes					0 0
Shape_Area	Double	Yes					0 0

**Simple feature class Roads** Type a description of this feature class or table in this placeholder text.

Field name	Data type	Allow nulls	Default value	Domain	Prec-ision	Scale	Length
OBJECTID	Object ID						
Shape	Geometry	Yes					
ROAD_CL	Long Integer	Yes					
Shape_Length	Double	Yes					0 0

**Simple feature class Soils\_SSURGO** Type a description of this feature class or table in this placeholder text.

Field name	Data type	Allow nulls	Default value	Domain	Prec-ision	Scale	Length
OBJECTID	Object ID						
Shape	Geometry	Yes					
AREASURFCL	String	Yes					6
MUSYM	String	Yes					6
URL	String	Yes					100
Shape_Length	Double	Yes					0 0
Shape_Area	Double	Yes					0 0

**Simple feature class Habitat** Type a description of this feature class or table in this placeholder text.

Field name	Data type	Allow nulls	Default value	Domain	Prec-ision	Scale	Length
OBJECTID	Object ID						
Shape	Geometry	Yes					
Notes	Short Integer	Yes		Notes			
Species	Short Integer	Yes		Species			
Shape_Length	Double	Yes					0 0
Shape_Area	Double	Yes					0 0

**Simple feature class Soils\_STATSGO** Type a description of this feature class or table in this placeholder text.

Field name	Data type	Allow nulls	Default value	Domain	Prec-ision	Scale	Length
OBJECTID	Object ID						
Shape	Geometry	Yes					
MUSYM	String	Yes					6
MAKEY	String	Yes					30
VERSION	Short Integer	Yes	2				
URL	String	Yes					70
MUID	String	Yes					7
REACT	Double	Yes					0 0
WEG	Double	Yes					0 0
WEL_calc	Short Integer	Yes					0 0
Shape_Length	Double	Yes					0 0
Shape_Area	Double	Yes					