

# Appendix B: GIS Data Dictionary

SAG GIS covers the counties of Bedford, Blair, Cambria, Fulton, Huntingdon and Somerset. SAG GIS was developed using ArcView GIS software. SAG GIS uses the PA Stateplane South projection, NAD 1983, and the units are in feet.

GIS Coverage	Coverage Type	Coverage Description
SAG_100K_USGS_Maps	-(Polygon)	1:100,000 USGS Map Boundaries
SAG_2001_Urban Areas	-(Polygon)	2001 Urban Areas
SAG_airpt_r1	-(Point)	Location of Licensed Airports
SAG_cbndyr1	-(Polygon)	County Boundaries
SAG_cntypks	-(Polygon)	County Park Boundaries
SAG_glandr1	-(Polygon)	State Gameland Boundaries
SAG_helipt	-(Point)	Location of Licensed Heliports
SAG_inthgwys	-(Line)	Interstate Highways (derived from SAG_stroads)
SAG_lakesr1	-(Polygon)	Lakes and Ponds
SAG_locrds	-(Line)	Local Roads
SAG_mjrhgwysr1	-(Line)	Major Highways (derived from SAG_stroads)
Traffic Network		
	<i>primary_highwaysr2</i> -(Line)	High Traffic Highways
	<i>secondary_highwaysr1</i> -(Line)	Medium-High Traffic Highways
	<i>tertiary_highways</i> -(Line)	Medium Traffic Highways
SAG_mcd	-(Point)	Municipal Boundaries
SAG_natparks	-(Polygon)	National Park Boundaries
SAG_netstreams	-(Line)	Networked Streams
SAG_places	-(Point)	US Populated Place Points
SAG_quads	-(Polygon)	1:24,000 USGS Quad Map Boundaries
Railroads		
	<i>SAG_inactraldr1</i> -(Line)	Inactive Rail Lines
	<i>SAG_actraldr1</i> -(Line)	Active Rail Lines
SAG_riverr2	-(Line)	Rivers
SAG_stforestr2	-(Polygon)	State Forest Boundaries
SAG_sbndy	-(Line)	Pennsylvania State Line
SAG_stparksr1	-(Polygon)	State Park Boundaries
SAG_stroads	-(Line)	State Maintained Roads
SAG_streams	-(Line)	Chapter 93 Streams
SAG_sabndyr1	-(Polygon)	Southern Alleghenies Study Area Boundary
Adjacent Counties		
	<i>mask_clip</i> -(Polygon)	Adjacent County Mask
	<i>SAG_Surrounding_cbndy</i> -(Polygon)	Adjacent Counties
	<i>SAG_Surrounding_cbndy_line</i> -(Line)	Adjacent Counties - lines
SAG_104_wshed	-(Polygon)	104 Major Watersheds defined on The State Water Plan
SAG_abandoned_mines	-(Point)	Abandoned Mine Land - Coal Mine Related Problems
SAG_amd_fisheries	-(Line)	Fisheries Impacted by Acid Mine Drainage
SAG_basins	-(Polygon)	Water Basins (derived from SAG_104_wshed)
Bedrock Geology		
	<i>SAG_pagarc_r1</i> -(Line)	Contacts, Dikes, and Fault Lines
	<i>SAG_pagpoly_r1</i> -(Polygon)	Bedrock Geology of Pennsylvania
Census		
	<i>SAG_blkgrp_r2</i> -(Polygon)	2000 US Census Block Groups
	<i>SAG_tracts_r2</i> -(Polygon)	2000 US Census Tracts
SAG_dams	-(Point)	Location of Dams.
SAG_floodr2	-(Polygon)	River and Coastal Floodplains

GIS Coverage	Coverage Type	Coverage Description
Flight 93 Memorial		
	<i>FLT93_point</i> -(Line)	Approximate Location of the Flight 93 Crash Site Memorial
	<i>FLT_93_memr1</i> -(Polygon)	Approximate Boundary of the Flight 93 Crash Site Memorial
Forest	-(Grid Coverage)	Forest Density
For_density	-(Grid Coverage)	Forest Type
Historic Districts		
	<i>BL_hist_zones-pt</i> -(Polygon)	Blair County Historic Districts
	<i>HU_histdistr1-pt</i> -(Polygon)	Huntingdon Historic Districts
Hydric Soils		
	<i>BE_hydric_soilsr1</i> -(Polygon)	Bedford County Hydric Soils (derived from BE_soils)
	<i>BL_hydric_soilsr1</i> -(Polygon)	Blair County Hydric Soils (derived from BL_soils)
	<i>CA_hydric_soilsr1</i> -(Polygon)	Cambria County Prime Hydric Soils (derived from CA_soils)
	<i>FU_hydric_soilsr1</i> -(Polygon)	Fulton County Hydric Soils (derived from FU_soils)
	<i>HU_hydric_soilsr1</i> -(Polygon)	Huntingdon County Hydric Soils (derived from HU_soils)
	<i>SO_hydric_soilsr1</i> -(Polygon)	Somerset County Hydric Soils (derived from SO_soils)
Impaired Waters		
	<i>sag_303d_a</i> -(Polygon)	River and Stream Segments Listed under Section 303(d) of the Clean Water Act.
	<i>sag_303d_line</i> -(Polygon)	Lakes and Estuaries Listed under Section 303(d) of the Clean Water Act.
	<i>sag_303d_p</i> -(Polygon)	Point Events Listed under Section 303(d) of the Clean Water Act.
Land Use		
	<i>BE_LU</i> -(Polygon)	Bedford Land Use (derived from Bedford County Land Use Data)
Blair		
	<i>Altoona_LU</i> -(Polygon)	Altoona Land Use (derived from Blair County Tax Parcel Data)
	<i>BL_LU</i> -(Polygon)	Blair County Land Use (derived from Blair County Tax Parcel Data)
	<i>BL_LU_Parks</i> -(Polygon)	Forested Land in Public Land Use (derived from palulc2000)
Cambria		
	<i>CA_LU_r1</i> -(Polygon)	Existing Land Use digitized from Comprehensive Plan
	<i>CA_Forest</i> -(Polygon)	Forested Land in Undeveloped Landuse (derived from palulc2000)
	<i>CA_LU_parks</i> -(Polygon)	Forested Land in Public Land Use (derived from palulc2000)
	<i>CA_PALUC_clip</i> -(Polygon)	Land Use Gaps filled in with PALUC2000 Land Use
	<i>FU_LU</i> -(Polygon)	Existing Land Use digitized from Comprehensive Plan
Huntingdon		
	<i>HU_LU</i> -(Polygon)	Huntingdon County Land Use (derived from Huntingdon County Tax Parcel Data)
	<i>HU_Forest</i> -(Polygon)	Forested Land in Undeveloped Landuse (derived from palulc2000)
	<i>HU_LU_add1</i> -(Polygon)	Land Use Gaps filled in with PALUC2000 Land Use
	<i>HU_LU_parks</i> -(Polygon)	Forested Land in Public Land Use (derived from palulc2000)
Somerset		
	<i>SO_LU</i> -(Polygon)	Somerset County Land Use (derived from Somerset County Tax Parcel Data)
	<i>SO_Forestr1</i> -(Polygon)	Forested Land in Undeveloped Landuse (derived from palulc2000)
	<i>SO_LU_parks</i> -(Polygon)	Forested Land in Public Land Use (derived from palulc2000)
SAG_landuse_regulationsr2	-(Polygon)	Municipalities with Zoning and/or Subdivision Ordinances

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GIS Coverage	Coverage Type	Coverage Description
Historic Districts		
	BE_NRHP -(Point)	Bedford County National Registry Of Historic Places
	BL_NRHP -(Point)	Blair County National Registry Of Historic Places
	CA_NRHP -(Point)	Cambria County National Registry Of Historic Places
	FU_NRHP -(Point)	Fulton County National Registry Of Historic Places
	nrhsite -(Point)	Huntingdon County National Registry Of Historic Places
	SO_NRHP -(Point)	Somerset County National Registry Of Historic Places
palulc2000_sp83	-(Polygon)	Pennsylvania Satellite Land Cover, 2000
Prime Agricultural Soils		
	BE_prime_ag_soilsr2 -(Polygon)	Bedford County Prime Agricultural Soils (derived from BE_soils)
	BL_prime_ag_soilsr2 -(Polygon)	Blair County Prime Agricultural Soils (derived from BL_soils)
	CA_prime_ag_soilsr2 -(Polygon)	Cambria County Prime Agricultural Soils (derived from CA_soils)
	FU_prime_ag_soilsr2 -(Polygon)	Fulton County Prime Agricultural Soils (derived from FU_soils)
	HU_prime_ag_soilsr2 -(Polygon)	Huntingdon County Prime Agricultural Soils (derived from HU_soils)
	SO_prime_ag_soilsr2 -(Polygon)	Somerset County Prime Agricultural Soils (derived from SO_soils)
raystown_rec_area	-(Polygon)	Raystown Recreation Area Boundary
reservoir_wshed-all	-(Polygon)	Watersheds Containing or Feeding a Surface Water Supply Reservoir (derived from SAG_smwshed)
SAG_reservoirs	-(Polygon)	Surface Water Supply Reservoir (derived from SAG_lakesr1)
Ridge Line		
	ridgeline3 -(Line)	Ridge Lines
	ridgeline1500r3 -(Polygon)	1500' Buffer of ridgeline3
SAG_Rock_Run_Rec_Area	-(Line)	Rock Run Recreation Area Boundary
SAG_scenhwys	-(Line)	State Designated Scenic Highways
dcnr_apptrail_2003	-(Line)	Appalachin National Scenic Trail Centerline
Sewer Service		
	BE_sewer_additions -(Polygon)	Blair County Sewer Service Additions
	SA_SEWER_83 -(Polygon)	Sewer Service Area Boundaries For SAG Counties Other than Blair County
	SEWER_SERVICE -(Polygon)	Blair County Sewer Service Area Boundaries
SAG_ski_slopes	-(Line)	Ski Slope Locations
SAG_smwshed	-(Polygon)	9,895 Watersheds indicated in the Pennsylvania Gazetteer of Streams
Soils		
	BE_soils -(Polygon)	Bedford County SSURGO Soil Database
	BL_soils -(Polygon)	Blair County SSURGO Soil Database
	CA_soils -(Polygon)	Cambria County SSURGO Soil Database
	FU_soils -(Polygon)	Fulton County SSURGO Soil Database
	HU_soils -(Polygon)	Huntingdon County SSURGO Soil Database
	SO_soils -(Polygon)	Somerset County SSURGO Soil Database
	SAG_statsgo_r1 -(Polygon)	STATSGO Soils and MUID Database
SAG_subbasins	-(Polygon)	Water Subbasins (derived from SAG_104_wshed)
Trails		
	SAG_pitts-harris_grnwy -(Polygon)	Pittsburgh-Harrisburgh Greenway
	SAG_off-road_adjacentr1 -(Line)	Off-Road Trails Directly Adjacent To the SAG Study Area
	SAG_off-road_trails_r2 -(Line)	Off-Road Trails
	SAG_on-road_trailsr1 -(Line)	On-Road Bike Trails
	padot-bike_trails -(Line)	PADOT Designated On-Road Bike Trails
	SAG_water_trails -(Line)	Designated Water Trails
SAG_Utility	-(Line)	Major Utility Lines (Pipelines, Transmission Lines, etc.)

GIS Coverage	Coverage Type	Coverage Description
Water Service		
	SAG_water_servicer1 -(Polygon)	Water Service Area Boundaries For SAG Counties Other than Blair County
	WATER_SERVICE -(Polygon)	Blair County Water Service Area Boundaries
SAGwetlands_poly_r2	-(Polygon)	National Wetland Inventory Wetland Boundaries
SAG_wmu	-(Polygon)	Pennsylvania Game Commission Wildlife Management Units
SAG_Woodlands	-(Polygon)	Forested Land (derived from palulc2000_sp83)
Topography		
20' Contours		
	BE_20_topo_r1 -(Line)	Bedford County 20' Contours
	BL_20_topo_r1 -(Line)	Blair County 20' Contours
	CA_20_topo_r1 -(Line)	Cambria County 20' Contours
	FU_20_topo_r1 -(Line)	Fulton County 20' Contours
	HU_20_topo_r1 -(Line)	Huntingdon County 20' Contours
	SO_20_topo_r1 -(Line)	Somerset County 20' Contours
100' Contours		
	BE_100_topo_r1 -(Line)	Bedford County 100' Contours
	BL_100_topo_r1 -(Line)	Blair County 100' Contours
	CA_100_topo_r1 -(Line)	Cambria County 100' Contours
	FU_100_topo_r1 -(Line)	Fulton County 100' Contours
	HU_100_topo_r1 -(Line)	Huntingdon County 100' Contours
	SO_100_topo_r1 -(Line)	Somerset County 100' Contours
200' Contours		
	BE_200_topo -(Line)	Bedford County 200' Contours
	BL_200_topo -(Line)	Blair County 200' Contours
	CA_200_topo -(Line)	Cambria County 200' Contours
	FU_200_topo -(Line)	Fulton County 200' Contours
	HU_200_topo -(Line)	Huntingdon County 200' Contours
	SO_200_topo -(Line)	Somerset County 200' Contours
Landform		
	BE_20_Landform -(Polygon)	Bedford County Landform Analysis (derived from BE_20_topo_r1)
	BL_20_Landform -(Polygon)	Blair County Landform Analysis (derived from BL_20_topo_r1)
	CA_20_Landform -(Polygon)	Cambria County Landform Analysis (derived from CA_20_topo_r1)
	FU_20_Landform -(Polygon)	Fulton County Landform Analysis (derived from FU_20_topo_r1)
	HU_20_Landform -(Polygon)	Huntingdon County Landform Analysis (derived from HU_20_topo_r1)
	SO_20_Landform -(Polygon)	Somerset County Landform Analysis (derived from SO_20_topo_r1)
Slopes		
	BE_20_Slopes -(Polygon)	Bedford County Slope Analysis (derived from BE_20_topo_r1)
	BL_20_Slopes -(Polygon)	Blair County Slope Analysis (derived from BL_20_topo_r1)
	CA_20_Slopes -(Polygon)	Cambria County Slope Analysis (derived from CA_20_topo_r1)
	FU_20_Slopes -(Polygon)	Fulton County Slope Analysis (derived from FU_20_topo_r1)
	HU_20_Slopes -(Polygon)	Huntingdon County Slope Analysis (derived from HU_20_topo_r1)
	SO_20_Slopes -(Polygon)	Somerset County Slope Analysis (derived from SO_20_topo_r1)