Connecting to the HRSA Geospatial Data Warehouse (HGDW) Feature Service

http://datawarehouse.hrsa.gov

This document describes the steps necessary to use the free Java-based ArcExplorer tool from ESRI to connect to and use the HRSA Geospatial Data Warehouse feature data service (HGDW_Mapping) located at http://datawarehouse.hrsa.gov. (You can download and install the software from the ESRI website by visiting http://datawarehouse.hrsa.gov. (You can download and install the software from the ESRI website by visiting http://www.esri.com/software/arcexplorer/about/arcexplorer9.html.) Once you have obtained and installed the software, follow these steps to connect to and use the HRSA Geospatial Data Warehouse data.

Step 1: Open ArcExplorer. Then click the "Add Data" button (²¹) on the tool bar to open the Catalog tool.

🎊 ArcExplorer 9.2.0 -	Untitled		
File Edit View Layer	Tools Help		
😅 🖩 🖥 🖬 🛃 🖉		& 	

Figure 1: The ArcExplorer map interface

Step 2: Click the plus sign next to the "WWW" entry under Data Sources to reveal the "Add Web Site" option.

Figure 2:	The /	ArcExplorer	Catalog tool

🛎 Catalog			
🛃 📴 🗈 🖡	File Type: Shapefiles	~	
Data Sources Local WWW ArcSDE Favorites	Name	Туре	

Figure 3: The Add Web Site option



Step 3: Double-click the "Add Web Site" option to open the WWW Connection dialog box:

Figure	4:	The	WWW	Connection	dialog	box
--------	----	-----	-----	------------	--------	-----

WWW Connection		\mathbf{X}		
URL: http://		Ŧ		
💿 Connect to a	II ArcIMS Services			
🔘 Connect to o	ne ArcIMS Service			
Name:				
Connect to re	estricted ArcIMS Services			
User Name:	User Name:			
Password:				
	OK Cancel			

Connecting to the HRSA Geospatial Data Warehouse (HGDW) Feature Service

http://datawarehouse.hrsa.gov

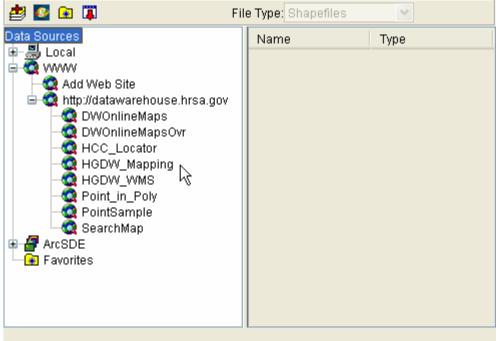
Enter the web address of the HRSA Geospatial Data Warehouse (<u>http://datawarehouse.hrsa.gov</u>) and click the OK button. Leave the default option "Connect to all ArcIMS Services" selected.

Figure 5: WWW Connection information for the HRSA Geospatial Data Warehouse

WWW Connection
URL: http://datawarehouse.hrsa.gov
OKE. http://datawarenouse.insa.gov
 Connect to all ArcIMS Services
Connect to one ArcIMS Service
Name:
Connect to restricted ArcIMS Services
User Name:
Password:
OK Cancel

Step 4: After you click OK, the Catalog tool displays a list of all of the map services in the HGDW website.

Figure 6: The Catalog Tool, showing the map services in the HRSA Geospatial Data Warehouse



Step 5: Select the service named "HGDW_Mapping". The Catalog tool will list all of the layers available in the HGDW_Mapping map service.

Figure 7: Catalo	a tool with the lav	vers of the HGDW	_Mapping service shown

Data Sources	Name	Туре	
 Local Add Web Site Add Web Site Mtp://datawarehouse.hrsa.gov DWOnlineMaps DWOnlineMapsOvr DWOnlineMapsOvr HCC_Locator HGDW_Mapping HGDW_WMS Point_in_Poly PointSample SearchMap Favorites 	Active HRSA Grants Ambulatory Surgical Centers Area Health Eduction Centers - Centers Area Health Eduction Centers - Programs Counties (detailed) Counties (generalized) Critical Access Hospitals Federally Qualified Health Centers Grantees With Active HRSA Grants HHS Regions HIV/AIDS - Active Grants HIV/AIDS - FY 1999 HIV/AIDS - FY 2000 HIV/AIDS - FY 2001 HIV/AIDS - FY 2002 HIV/AIDS - FY 2003 HIV/AIDS - FY 2004	point point point polygon point point point point point point point point point point point point	

Step 6: From the list of layers in the right hand pane of the Catalog window, select the map layer(s) you want to use. In the example shown here, the "Active HRSA Grants" and "Counties (Generalized)" layers are selected.

🧾 📴 🔝 🖺 🛛 Fi	le Type: Shapefiles 🛛 🕑		
Data Sources	Name	Туре	
Local Add Web Site Add Web Site Add Web Site Multip://datawarehouse.hrsa.gov Multip://dataware	Active HRSA Grants Ambulatory Surgical Centers Area Health Eduction Centers - Centers Area Health Eduction Centers - Programs Counties (detailed) Counties (generalized) Critical Access Hospitals Federally Qualified Health Centers Grantees With Active HRSA Grants HIV/AIDS - Active Grants HIV/AIDS - FY 1999 HIV/AIDS - FY 2000 HIV/AIDS - FY 2001 HIV/AIDS - FY 2003 HIV/AIDS - FY 2004	point point point point polygon point point point point point point point point point point point point	

Figure 8:	Selecting	individual	lavers	from	the m	ap service
riguic 0.	Juccung	maiviadai	ayers	nom	the m	ap sei vice

Step 7: When you are done selecting layers, Click the "Add Data" button (²⁹) on the Catalog tool bar to add the selected layer(s) to your ArcExplorer map. If you are finished working with Catalog, you can

close the tool using the "Close" button (^{III}) on the toolbar. Otherwise, you can click the main ArcExplorer map window to activate it and start working with your map.

Step 8: Once you've added some or all of the layers in the HGDW_Mapping service to your map, the Table of Contents in ArcExplorer should look similar to this:

R ArcExplorer 9.2.0 -	Untitled	
File Edit View Layer		
😅 🗐 🌄 🖆 💆 🧕	😂 🌑 🗣 😫 🚔 🔍 🔍 🥎 🍪 👁 🔍 🖊 🖷 🏪 🏤 🖆 🖉 🧷 🤻 🌐	
Active HRSA Grants		
Counties (generalize		

Figure 9: ArcExplorer map interface with layers added

When you add new data, it is left "turned off" (not drawn) by default. Use the check box next to each layer's name to cause it to be drawn or hidden.

From this point, you should be able to work with the data just as if it were data on your own system. Remember that as the data in the HGDW changes you may see different features. Each time the data in the HGDW are updated, the change is noted on the Data Refresh Dates page of the HGDW website (http://datawarehouse.hrsa.gov/RefreshDates.aspx).