Measuring Connectivity: A Critical Element of Sustainable Communities

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Measuring Sustainable Community Principles

Transportation Choices

Housing Choices

1 Foot ruler

Metric Ruler(30cm)

Align Federal Policies

Value Communities

Sustainable Communities
Data Resources

Sustainable Community Indicator Catalog

Evaluating Connectivity: Location, Location, Location

Smart Location Database: Interactive Map Browser
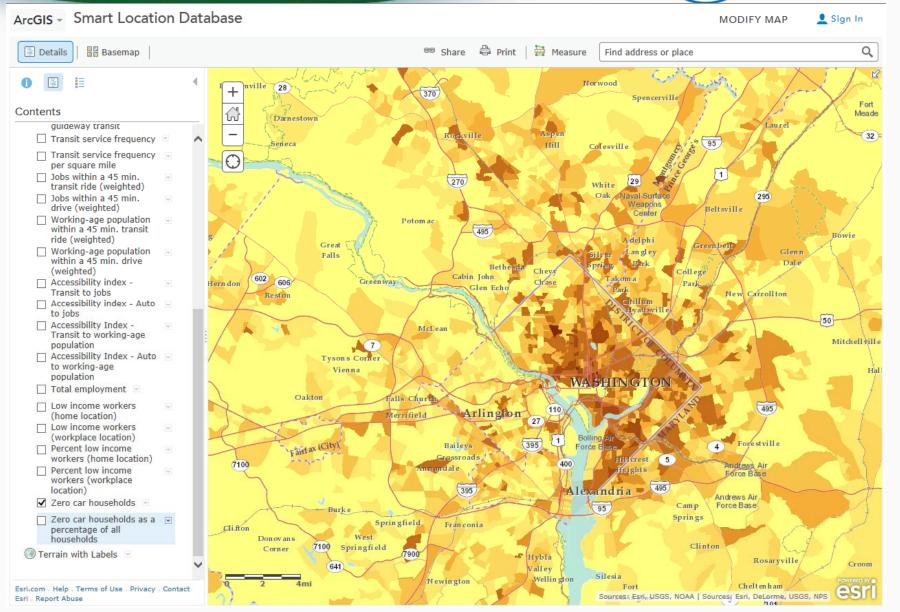
Concentration of Lower Wage Jobs

Concentration of Zero Car Households
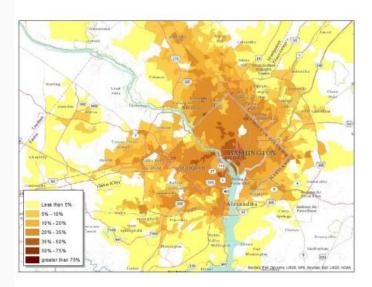
Access to Jobs and Workers by Transit Tool

Access to Jobs and Workers Via Transit Tool

Access to Jobs and Workers Via Transit is a free geospatial data resource and web mapping tool for comparing the accessibility of neighborhoods via public transit service. Indicators summarize accessibility to job as well as accessibility by workers, households and population. Coverage is limited to met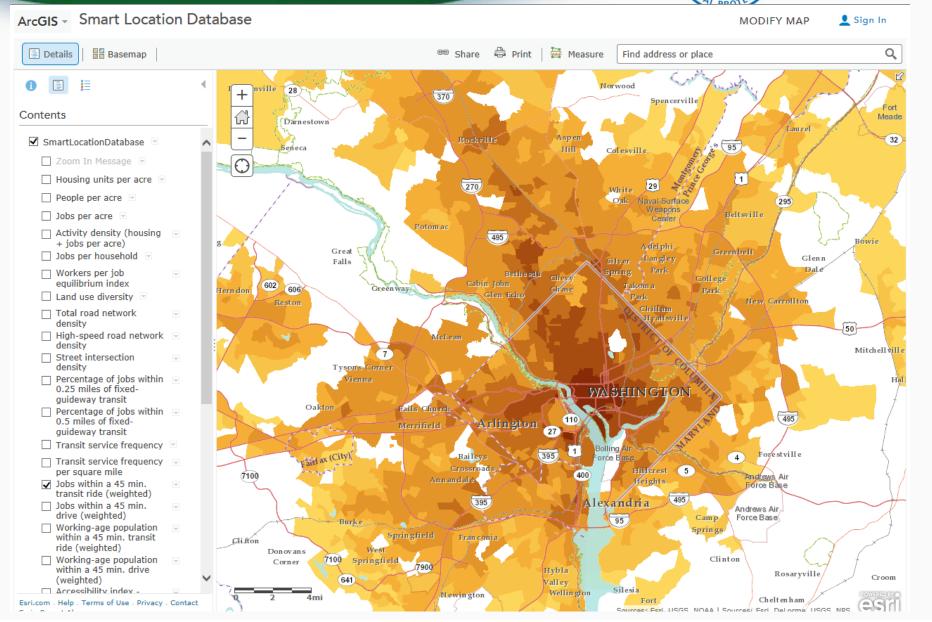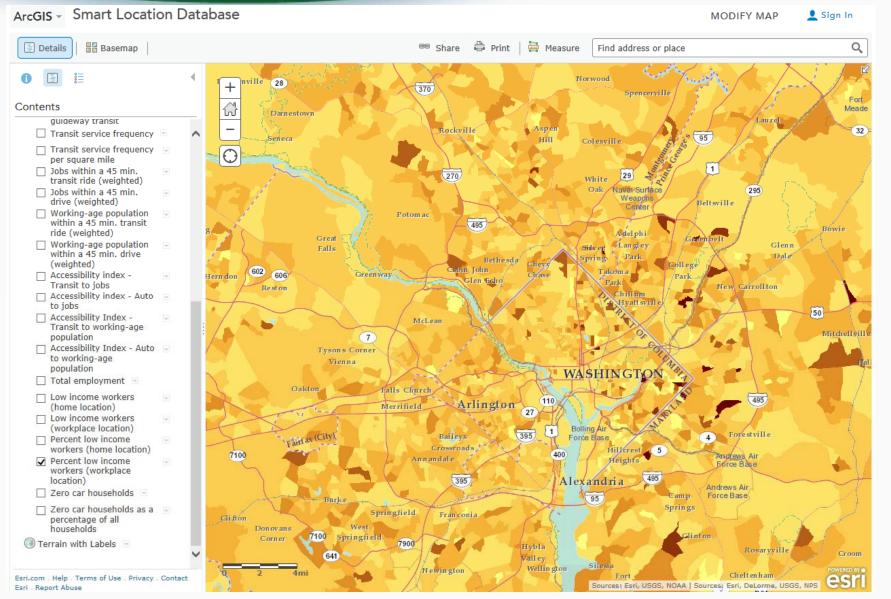ropolitan regions served by transit agencies that share their service data in a standard format called GTFS [Exit]. The Access to Jobs and Workers Via Transit - Technical Documentation and User Guide includes a full list of those areas. Figure 2 shows one indicator from this dataset mapped for the Washington DC metropolitan region.

Access the Data

Interactive map viewer [Exit]

Download data for your community

Download data for all areas with coverage:

- Shapefile (ZIP)   (253 MB)
- Dbf (ZIP)   (8 MB)
- Esri Geodatabase (ZIP)   (120 MB)

Metadata

Web services

Figure 2: Percentage of all Jobs in the Metropolitan, D.C., Region That are Accessible by Transit

Employment data source: Census LEHD (2010); Transit service data sources: Washington Metropolitan Area Transit Authority, DC Circulator, Maryland Transit Administration, Montgomery County RideOn, Central Maryland Regional Transit, Arlington Transit, Fairfax Connector, University of Maryland (2012)

Smart Location Database: "Clip and Ship" Feature