Social Environment

Level: Census Tract Level

Definition: Social Environment The Social Environment refers to characteristics of the people and institutions in a census tract, including: 1) Religious organizations (churches and places of worship); and 2) Voter turnout for the 2012 Presidential Election.

Coverage for all data: 10-county Detroit-Warren-Ann Arbor Combined Statistical Area.

Dataset Version : 1.1

Dataset Release History: First Published 2016

Initial Release : 07/31/2016

Data set Name: Neighborhood_ Social_Environment_Census_Tract_Level.csv

Sources: State of Michigan Department of Elections. Qualified Voter File - 2012, Reference USA – 2015 (http://www.referenceusa.com)

Other Notes:
- Spatial Extent: 10-county Detroit-Warren-Ann Arbor CSA (for all data)

Variable/Attribute/Indicator	Description	Year	Notes
Identifier			
GEOID10	2010 Census tract number	2010	
CountyCode	County Code	2010	
CountyName	County Name		
Religious			
Spatial_Measures_Religious.Density	Religious Institutions -Kernel Density by census tract	2015	Kernel Density computed based on 2015 Reference USA Data. Organizations selected if they had either a: • Primary NAICS Code of 813110: Religious Organizations or • Primary SIC Code of 8661: Religious Organizations Reference USA data downloaded from on December 15, 2015. Calculated using ArcMap software's Kernel Density Tool using Zonal Statistics. Radius setting =1320 feet.
Spatial_Measures_Religious.Distance	Religious Institutions - Average Distance by census tract	2015	Average distance by census tract computed based on 2015 Reference USA Data using the same NAICS and SIC codes as above. Reference USA data downloaded on December 15, 2015.

			Calculated using ArcMap software's Euclidean Distance Tool using Zonal Statistics. Radius setting =1320 feet.
Voter Turnout			
Estimated_Voter_Turnout_Registered	Number of registered voters in census tract in the 2012 presidential election based on the State of Michigan Department of Elections' 2012 Qualified Voter File.	2012	NOTE: The number of voters identified by the QVF can differ from those published by local city clerks. These numbers are estimates based on statewide numbers. In 2012, 19,226 (.48% to total registered) registered voters could not be geocoded, and 11,809 (.46% of total voters) general election voters could not be geocoded.
Estimated_Voter_Turnout_Voted	Number of registered voters that voted in census tract in the 2012 presidential election based on the State of Michigan Department of Elections' 2012 Qualified Voter File.	2012	
Estimated_Voter_Turnout_Turnout	Percent of registered voters that voted in census tract in the 2012 presidential election	2012	Computed using the following formula: Estimated_Voter_Turnout_Voted/ Estimated_Voter_Turnout_Registered.