

Data

- Over 600 data elements in system at present – designed for any amount of additional data to be added
- Includes Census population/demographics/housing unit estimates, Census 2000/American Community Survey (immigration/place of birth, poverty, educational attainment, school enrollment, commute mode, commute time, vehicles) Current Employment Statistics, Quarterly Census of Employment and Wages, CPS/Local Area Unemployment Statistics, regional economic accounts for personal income and GDP, CDC Behavioral Risk Factor Surveillance System, Broadband Availability, Texas Transportation Institute Urban Mobility Report, and others.
- Includes over 100 data elements from the notoriously hard to use IRS place to place migration data, including calculations of MSA-MSA and MSA-State migration.
- Data updates maintained over time by Telestrian – get out of the data processing and Microsoft Access business.
- All data for MSAs and other regions normalized to current region definitions and codes – so you can actually link this data together.
- All data presented, queried, exported, visualized, etc. using a common toolset – no learning a separate tool per data source.

Analyze

- Search for highest or lowest values for States, MSAs, Counties, and Places (municipalities)
- Determine highest or lowest by value, per capita, density (per square mile), percentage of a parent value, location quotient, or changes in any of these over time.
- Limit queries to geographies greater or lower than a size thresholds
- Limit queries to Counties or Places (municipalities) within a specific state
- Export any query to a CSV file for import into Excel or a database
- Render any query to a thematic (choropleth) map

Query/Browse

- Query data by geographies and dates – but go beyond the grid of numbers.
- Query all types of geographies simultaneously (where valid). No more having to pick whether you want to look at states, counties, MSAs, etc.
- Save geography lists for future use to save time by not having to recreate frequently used lists.
- Data is automatically rolled up for MSAs or other entities if no data value is present and a roll-up rule is available. This enables the use of constructs like Economic Area for which data is seldom directly supplied by data providers.
- Virtually all standard geographic constructs pre-loaded into system.
- Use saved geography lists as custom defined geographies, with values automatically calculated by the system using the roll-up mechanism.
- Convert data instantly to an index, change series, percent change series, percentage of a parent value, location quotient, per capita, per square mile, percent of US, percent of state, or percent of MSA value.

- Instantly calculate a total, average, total change, percent change, CAGR, per capita change, per square mile change, change in percentage of the parent data value for the result set, or change in location quotient.

Visualize

- Render any data to an interactive flash chart or image chart (PNG) that can be saved for use in a web page or presentation.
- Column charts, bar charts, stacked column and bar charts, line charts, area charts, and pie charts supported.
- Create thematic (choropleth) maps for all US states, counties, and MSAs, or for counties within a specific state.
- Several color schemes built in, plus automatic color assignment based on intensity or bucketing algorithms.
- Supports custom user-defined color assignment bucketing thresholds that can be saved for re-use (such as generating time series maps)
- Import user-supplied data in CSV format to map anything – Telestrian serves as a general purpose thematic mapping engine for data without GIS, knowledge of shape files, etc.
- Maps rendered as PNG for web or presentation use. The system will scale to desired size with no loss of resolution.
- Maps can be exported as scalable vector graphics (SVG) for use in Adobe Illustrator for high quality production print graphics.
- Export data results as a CSV file for import into Excel or a database
- Export data results as an HTML table for easy pasting into a web page or document.