

# Proportional Symbol Map

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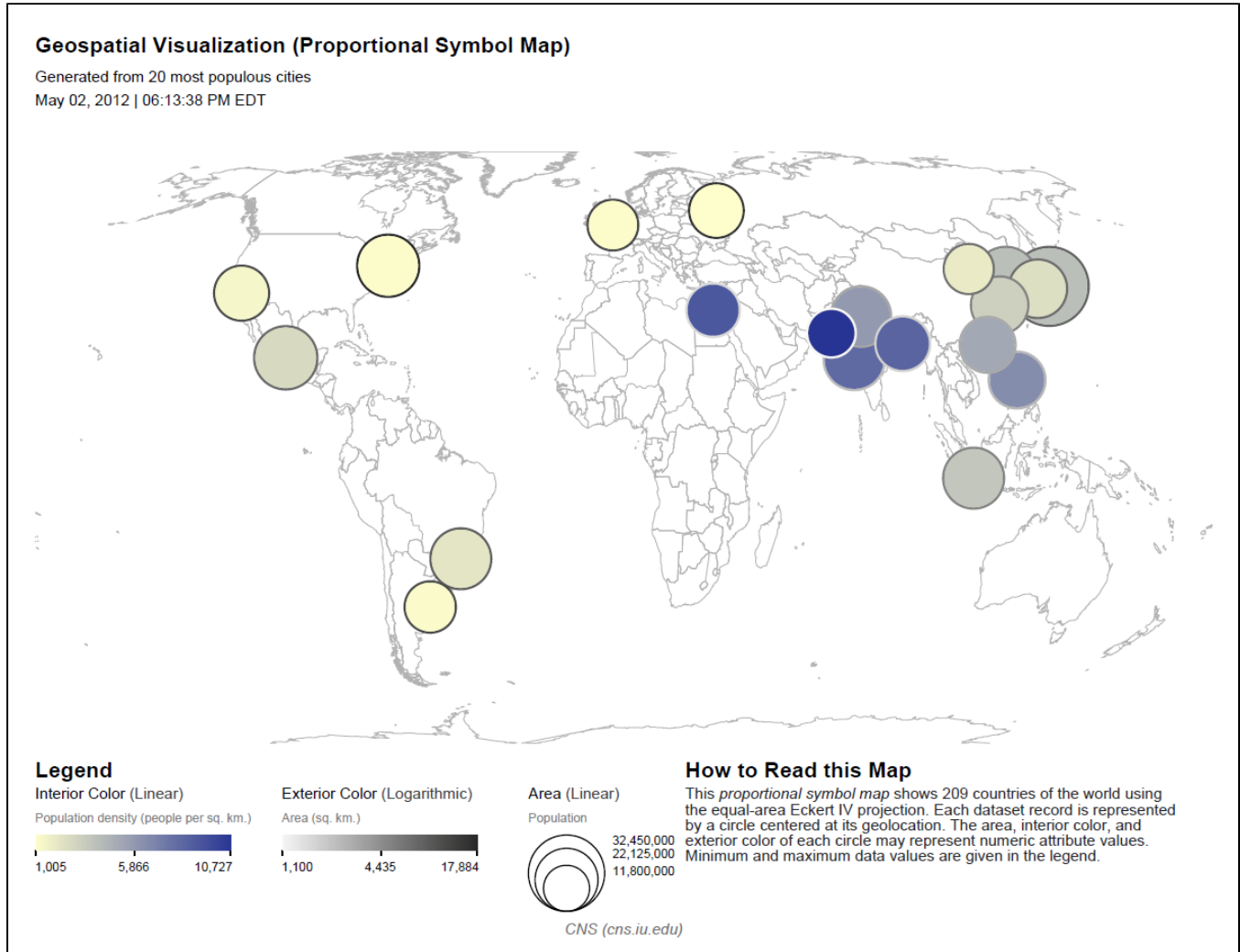
### Description

Takes a table of geospatial coordinates associated with up to 3 numeric attributes and visualizes them as symbols overlaid on a world or United States base map. The sizes and colors of the symbols are proportional to the associated numeric data.

### Features

- Optionally scale each individual dimension of numeric data logarithmically or exponentially.
- Legends for each visualization dimension show how extrema of the data are represented visually.

### Examples



[Download example data](#)  
[Download PDF](#)

For more examples see these sections of the Sci2 tutorial:

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### Usage Hints

- If your data does not already have (latitude, longitude) geocoordinates, you may be able to look them up using other geographical identifiers like country, city, or full address using the [Geocoder](#) or [Yahoo! Geocoder](#) algorithms.
- When applying circle size coding it is important to note that circles overlaid on inset regions, which may generally be scaled down, are **not** rescaled along with the underlying inset. This maintains perfect relative consistency of circle sizes across the map at the cost of locally over-representing the circle.

#### Links

- [Source Code](#)

#### See Also



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