



A **cartogram** is a [map](#) in which some thematic mapping variable – such as travel time, population, or [Gross National Product](#) – is substituted for land area or distance. The geometry or space of the map is distorted in order to convey the information of this alternate variable. They are primarily used to display emphasis and for analysis as [nomographs](#).

Cartograms represent repo's languages and bar represents the years. On changing the years shapes of the cartograms changes.

