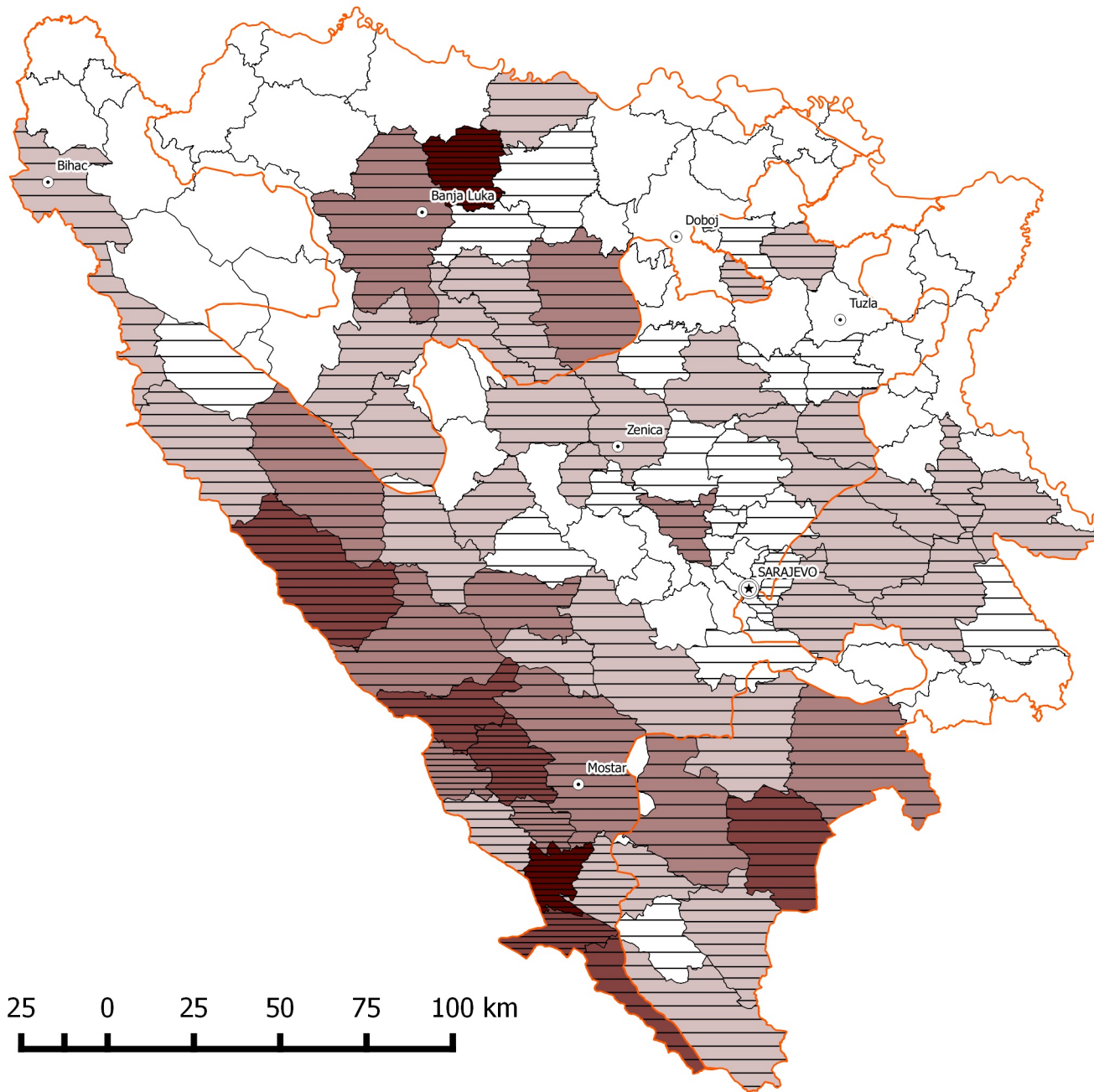


# Bosnia and Herzegovina Population Exposure Map 2



## Population Exposure to Earthquake Risk



### 1. Data

This map shows the relative earthquake risk and the population exposed to earthquake risk as a ratio of the total population in each municipality. The data is based on the earthquake hazard map developed in February 2016. The data was calculated using an earthquake distribution grid investigating concentration and probability of earthquake events above magnitude 4 on the Richter scale within a 0.1 degree area with a return period of 65 years, and the Gridded Population of the World data from Columbia University. Using the QGIS raster calculator, these layers were multiplied to extract GDP pixels within EQ hazard pixels. This layer was then summed using zonal statistics and aggregated at municipal level. At the end, data was clustered using a Jenks natural breaks optimization method.

### 2. Legend

Entity Border	Municipal Border
Earthquake Hazard [143]	Population Exposure [143]
Very High [2]	64% to 92% [6]
High [6]	39% to 64% [8]
Medium [11]	23% to 38% [16]
Low [31]	7% to 23% [25]
Very Low [93]	0% to 7% [17]
	0% [71]

### 3. Sources

United States Geological Survey and Columbia University data available from the websites at [www.usgs.gov/](http://www.usgs.gov/) and [www.sedac.ciesin.columbia.edu/](http://www.sedac.ciesin.columbia.edu/)

### 4. Feedback

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### 5. Disclaimer

The depiction and use of boundaries, geographic names and data shown here are not warranted to be error-free nor do they imply official endorsement or acceptance by the United Nations or the Government of BiH.

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