

## **Web Based Mapping of Census Data**

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**Abstract:** The aim of this study is to review how state statistical agencies use maps to publish census data. An analysis of the publicly available maps of census activities for chosen countries has been made and comparison with the recommendations given in the Handbook on geospatial infrastructure for the purpose of census activities (Handbook) by the United Nations is presented. A more detailed analysis is given for the Republic of Croatia. Analysis shows which maps could be made, based on the recommendations given in the Handbook and the available data from the Croatian Central Bureau of Statistics. Themes, levels of interactivity and user parameters to display the data are defined. Finally, an open-source web based application for cartographic representation of the census data for Croatia is developed.

**Keywords:** census, web cartography, open source, geospatial infrastructure