

How does the Czech Statistical Geoportal help analyze demographic changes and population mobility?

Štěpán Moravec, Czech Statistical Office, stepan.moravec@csu.gov.cz

Petr Klíma, Czech Statistical Office, petr.klima@csu.gov.cz

Last year, the Czech Statistical Office launched its own [Statistical Geoportal](#) – an innovative platform for sharing geographically oriented statistical data, analytical outputs, and services. It consists of several web applications that allow users to clearly visualize selected indicators and topics in the form of dynamic interactive maps or georeports with tables and graphs. The geoportal was originally intended for the presentation of the 2021 Population and Housing Census results, but its content has been continuously expanded to include new collections of maps for demographic statistics, election results or economic entities. Available data is displayed for traditional administrative or statistical units as well as square kilometre grids or user-defined areas. All products and services of the Statistical Geoportal are provided to all users free of charge as a public service.

The paper will present Statistical Geoportal in the form of a story map. It will briefly introduce all the web map applications with a focus on displaying available demographic statistics and population mobility data. For example, what possibilities the Statistical Geoportal provides to its users to analyse and explore, how the population in their region is developing in terms of natural increase/decrease or migration. The attention will also be given to visualization of the direction and intensity of outcoming and incoming migration flows and their differences (balance) for selected territorial units. Furthermore, a unique concept of visualization of cross-border mobility, i.e. commuting to work from Czechia abroad, will be presented.