

Case study for Road Map on Statistics for SDGs 2.0
Ireland: Tutorial on linking statistical and geospatial data

Description

Ireland has developed a tutorial on Mapping a Table of Data with Esri Shapefiles in R for the Tanzanian National Bureau of Statistics (TNBS). Data for the tutorial were extracted from the TNBS National Accounts 2008 –2016. The tutorial explains how to join Tanzanian GDP data, in CSV format, with two Esri Shapefiles, all open source, and construct a map of regional shares of GDP in current market prices within the R environment. The tutorial is broken down into the following steps: reading the GDP data table using R, creating an R data-frame from an Esri Shapefile, merging the geospatial and GDP data frames, mapping the GDP data, and going deeper on static and interactive maps.

More information

<https://statswiki.unece.org/display/SFSDG/Statistics+for+SDGs+Home?preview=/127666441/254672946/IRELAND%20Joining%20a%20table%20of%20data%20to%20a%20Shapefile%20with%20R%20-%20Tanzania%20V4.pdf>