**INDICATOR 1: Altitudinal Trends of Demographic Aging**

**File Name: Alt\_Trends\_Demog\_Age**

* Coordinate Reference Systems: WGS 84 / UTM zone 34N (EPSG:32634)

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| **Attribute** | **Alias** | **Pseudonim** |
| MatBrO | Municipality identification number | Matični broj opštine |
| MatBrNas | Settlement identification number | Matični broj naselja |
| ImeNasCir | Name of the settlement in Cyrillic | Ime naselja (ćirilica) |
| ImeNasLat | Name of the settlement in Latin | Ime naselja (latinica) |
| ImeOpsCir | Name of the municipality in Cyrillic | Ime opštine (ćirilica) |
| ImeOpsLat | Name of the municipality in Latin | Ime opštine (latinica) |
| Mean\_ELEV | Mean elevation of settlement (m a.s.l.) | Prosečna nadmorska visina naselja (m a.s.l.) |
| P\_0–14 | Share of the age group 0–14 (%) in total population of settlement | Učešće starosne grupe 0–14 (%) u ukupnoj populaciji naselja |
| P\_15–39 | Share of the age group 15–39 (%) in total population of settlement | Učešće starosne grupe 15–14 (%) u ukupnoj populaciji naselja |
| P\_40–64 | Share of the age group 40–64 (%) in total population of settlement | Učešće starosne grupe 40–14 (%) u ukupnoj populaciji naselja |
| P\_65+ | Share of the age 65+ group (%) in total population of settlement | Učešće starosne grupe 65+ (%) u ukupnoj populaciji naselja |
| TDR | Total Dependency Ratio (%) for settlement | Indeks demografske zavisnosti (%) za naselje |

*Note.*9999 = No permanent inhabitants; 99999 = Incomplete data

**Description of Indicator:** Altitudinal trends of demographic aging indicate the spatial distribution of age groups (0–14, 15–39, 40–65, 65+) and Total Dependency Ratio (%) according to altitudes. The shares of age groups in the total population (%) were calculated for settlements. The Total Dependency Ratio was calculated as a sum of values for age groups 0–14 and 65+ divided by age group 15–40 values and myltiplied by 100. The mean elevations (m a.s.l.) were calculated for settlements. This indicator enables monitoring of the trend of “aging” and potential shrinking of the area depending on the morphometric of the terrain.

**Source data for Indicator calculation**

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| **Type of data** | **Source** |
| Elevation data | [European Digital Elevation Model (EU-DEM) version 1.1 [European Environment Agency, 2016]](https://land.copernicus.eu/imagery-in-situ/eu-dem/eu-dem-v1.1/view) |
| Population data\* | [“2011 Census of Population, Households and Dwellings in the Republic of Serbia (BOOK 2): AGE AND SEX ”[Statistical Office of the Republic of Serbia, 2012]](https://www.stat.gov.rs/sr-Latn/oblasti/popis/popis-2011) |
| Administrative units\*\* | [GeoSrbija [Open data of the National Data Infrastructure, Republic Geodetic Authority, n.d.]](https://geosrbija.rs/usluge/otvoreni-podaci-nigp/) |

\* According to the 2011 Census of Population, Households and Dwellings in the Republic of Serbia, the data for the municipalities from Kosovo and Metohija was not included, and for the municipalities of Bujanovac and Preševo the data were incomplete. Accordingly, these administrative units were not included in the analysis, as well as 11 settlements in which there were no permanent inhabitants.

\*\* GeoSrbija (Open Data of the National Data Infrastructure, Republic Geodetic Authority, n.d.) from which the administrative settlements boundaries were taken have no data for the province Kosovo and Metohija. Accordingly, these administrative units were not included in the analysis.