

The reconstruction of the 2014 GRPs of the territories of the former Russian empire in 1897 historical borders

We use the 2014 official estimates of GRPs downloaded from the websites of the relevant national statistical agencies. We provide the precise list of sources for each country below. Turkmenistan is an exception. There are no regional estimates for Turkmenistan, and we use national estimate of Gross Value Added at factor costs.

We use PPP conversion factors from the World Development Indicators database to switch from national currencies to dollars and the World Bank estimates of the US inflation to move from 2014 to 1990 US dollars.

The 2014 GRPs in 1897 administrative borders are obtained by applying the area overlap criterion. Specifically, for each 1897 province, the percentage coverage of modern level-1 administrative units is estimated, and then these percentages are used as weights to calculate 2014 GRPs in historical 1897 province borders. Values below 1.5% of 1897 province's area were set to zero (e.g., 1897 Tula governorate's overlap with modern Ryazan oblast is only 0.8% of that governorate's area, hence it was set to zero). The resulting sum of all weights was normalized to 1 (e.g., if total coverage of some 1897 province by level-1 administrative units after all the adjustments is 95% of its territory, all percentage overlaps are linearly rescaled so that they add up to unity).

Sources:

Country	Source
Armenia	Statistical Committee of the Republic of Armenia, http://www.armstat.am/en/
Azerbaijan	The State Statistical Committee of the Republic of Azerbaijan, https://www.stat.gov.az/?lang=en Artsakh Republic National Statistical Service, http://stat-nkr.am/en
Belarus	National Statistical portal of the Republic of Belarus, http://www.belstat.gov.by/en/
Estonia	OECD Regional Statistics and Indicators database https://stats.oecd.org/Index.aspx?DataSetCode=REGION_ECONOM
Finland	OECD Regional Statistics and Indicators database https://stats.oecd.org/Index.aspx?DataSetCode=REGION_ECONOM
Georgia	National Statistics Office of Georgia, http://www.geostat.ge/index.php?action=0&lang=eng State Statistical Agency of Abkhazia republic, http://ugsra.org/
Kazakhstan	Committee on Statistics at the Ministry of National Economy, stat.gov.kz/en
Kyrgyzstan	National Statistical Committee of the Kyrgyz Republic, stat.kg/en/
Latvia	OECD Regional Statistics and Indicators database https://stats.oecd.org/Index.aspx?DataSetCode=REGION_ECONOM
Lithuania	OECD Regional Statistics and Indicators database https://stats.oecd.org/Index.aspx?DataSetCode=REGION_ECONOM

Moldova	National Bureau of Statistics of the Republic of Moldova, http://www.statistica.md/index.php?l=en
Poland	OECD Regional Statistics and Indicators database https://stats.oecd.org/Index.aspx?DataSetCode=REGION_ECONOM
Russia	OECD Regional Statistics and Indicators database https://stats.oecd.org/Index.aspx?DataSetCode=REGION_ECONOM
Tajikistan	Agency of Statistics under President of the Republic of Tajikistan, http://www.stat.tj/en/
Turkmenistan	
Ukraine	State Statistics Service of Ukraine, http://www.ukrstat.gov.ua/
Uzbekistan	State Committee of the Republic of Uzbekistan on Statistics, https://www.stat.uz/en/