

Combining of Survey and Administrative Data for Cross-Border Areas

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Abstract

This paper presents an attempt at modeling a combination of survey and administrative data for cross-border areas. Regional statistics come across various data collection problems: limited data availability for areas located on both sides of the national border, lack of information on a certain level of aggregation in individual countries, low level of data comparability. The data model describing cross-border areas consists of survey data at micro level and of administrative, standardized sources of information. The survey data comes from detailed household surveys in cross-border regions, from some special surveys of persons crossing borders at particular places, as well as some surveys conducted in local enterprises. The administrative data sources are: official registers for local regions; bank registers; geo-coded data, e.g. land parcels registers, housing construction permits; other administrative sources of data, e.g. car registrations, tourist services registration; automatic measurement of traffic, etc. The paper is based upon original data collected for the cross-border areas of Poland, Ukraine and Slovakia. We focus on the problem of special data sensitivity due to different nationalities of respondents as well as legal issues of confidentiality due to different national laws and border regulations. The results of the combined data system research may serve for the national accounts statistics.

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