Introducing Geospatial Components into GSBPM

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The proposal of the GSBPM model improvement in terms of spatial component of the statistical production process

Statistics Poland -> a comparison between the GSBPM and the national business process model has been carried out.

Findings:

• The important areas are not included in the GSBPM, although they are important and necessary in the actual production process introduced in practice after last census.

• The analysis revealed shortages of the GSBPM model, which essentially concerned statistical data spatial aspects from the stage of designing the data collection, geocoding, analysis and providing geospatial characteristics of statistical products.
The proposal of the GSBPM model improvement in terms of spatial component of the statistical production process

Statistics Poland suggest that the current GSBPM model should be modified by adding the following new sub-processes:

- Phase 2: sub-process "2.5a Design geocoding frame, sample & data collection";
- Phase 4: sub-processes "4.1a Geocode frame & sample" and "4.3a Geocode collection";
- Phase 6: sub-process "6.2a Prepare spatial analyzes & maps";
- Phase 7 sub-process "7.2a Manage spatial analyzes & maps using GIS".
The Polish proposal of the GSBPM model enriched with a spatial component of the statistical production process

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<td>2.5a Design geocoding frame, sample &amp; data collection</td>
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*Statistics Poland*
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• Conclusion:

The introduction of new subprocesses would enrich the model with a spatial component of the statistical production process, which will allow a better understanding of spatial data as well as its role and place in the modernisation of the statistical production process and the standardization of methodologies merging statistical data with spatial data.
Thank you for your attention

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