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**An Updated Process Model For A Modernised Production Process**Johan Erikson, Statistics Sweden, [johan.erikson@scb.se](mailto:johan.erikson@scb.se);Jakob Engdahl, [jakob.engdahl@scb.se](mailto:jakob.engdahl@scb.se);Hakim Sjöström, [hakim.sjostrom@scb.se](mailto:hakim.sjostrom@scb.se)**Abstract**

Many factors drive the need to further modernise the statistical production process. For example, the possibility of using new types of data sources combined with the increasing difficulty to obtain data through traditional direct data collection. Furthermore, we see increasing user needs regarding both detail and coherence. One of the main ingredients of a modernised statistical production process is the cohesive design of whole statistical areas together rather than designing separate surveys. The modernised process is driven by design, data and metadata, and is sometimes referred to as “Statistical production 4.0”.

Can our traditional process models such as the Generic Statistical Business Process Model (GSBPM) describe the modernised production process? Statistics Sweden has developed an updated process model since the model we use will benefit from some updates. The main focal points in the update are design of statistical areas, harvest and use of different types of data sources, re-use of data across surveys and areas, and a data driven view of the production process including clear handover points between process steps.

This paper will describe the updated process model, and its connection to the GSBPM.

Keywords: The statistical production process, modernisation, GSBPM