

Big Data in Official Statistics

This is the public-access wiki space for UNECE work relating to Big Data. It contains information about ongoing UNECE-led activities in the area of Big Data, and links to other relevant resources and activities. A separate wiki space exists for those working on the 2014 HLG project on Big Data in Official Statistics.

UNECE involvement in work relating to Big Data

September 2014	Enhancement of the Big Data project inventory in collaboration with the United Nations Statistics Division and the HLG Modernisation Committee on Products and Sources: a new, more detailed questionnaire is under development with the aim of obtaining a more comprehensive picture of current and planned projects and facilitating exchange of knowledge and experience.
August-October 2014	Preliminary results of the survey "Skills necessary for people working with Big Data in Statistical Organisations". More detailed analysis will be prepared by October 2014.
Throughout 2014	<p>International collaboration project on The Role of Big Data in the Modernisation of Statistical Production - This project, overseen by the High-Level Group for the Modernisation of Statistical Production and Services, will be running during 2014, and aims to:</p> <ul style="list-style-type: none">• identify, examine and provide guidance for statistical organizations to act upon the main strategic and methodological issues that Big Data poses for the official statistics industry• demonstrate the feasibility of efficient production of both novel products and 'mainstream' official statistics using Big Data sources, and the possibility to replicate these approaches across different national contexts• facilitate the sharing across organizations of knowledge, expertise, tools and methods for the production of statistics using Big Data sources.
June 2013	Draft classification of types of Big Data
March 2013	Position paper What does Big data mean for official statistics? (March 2013) drafted for the High Level Group for the Modernization of Statistical Production and Services (HLG).

Links and Resources

These are just a select few of the

thousands of resources available around the world: those which are of greatest relevance to the questions raised by official statistics in relation to Big Data. Please feel free to add others using the button at the bottom of this section, or [notify us](#).

-  [New Techniques and Technologies for Statistics \(NTTS\) Conference 2015](#)
-  [Dealing with Big data for Official Statistics: IT Issues \(MSIS paper from Italy\) \(2014\)](#)
-  [Big data - an opportunity or a threat to official statistics? Eurostat paper for CES](#)
-  [The Global Impact of Big Data: Infographic from Syracuse University \(2014\)](#)
-  [Demystifying Big Data: TechAmerica Foundation paper \(2012\)](#)
-  [Placing Big Data in Official Statistics: A Big Challenge? Paper for the New Techniques and Technologies for Statistics conference \(2013\)](#)
-  [Big Data for Policy, Development and Official Statistics: UN Statistical Commission \(2013\)](#)
-  [Big data \(and official statistics\): MSIS paper from Statistics Netherlands \(2013\)](#)
-  [Mapping the policy issues raised by "Big Data": OECD policy paper \(2012\)](#)
-  [Production of Official Statistics by Using Big Data: MSIS paper from Statistics Korea \(2013\)](#)
-  [Big Data and Official Statistics: Paper for the New Techniques and Technologies for Statistics conference \(2013\)](#)
-  [What Happens When Big Data Meets Official Statistics? World Bank webcast \(2012\)](#)
-  [Big Data: A Perspective from the BLS \(2013\)](#)
-  [Big Data for Development: Challenges and Opportunities \(2012\)](#)