



Big Data and the UN Statistics Division

Ronald Jansen

United Nations Statistics Division

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International Conference on Big Data for Official Statistics

organized by UNSD and NBS China

28-30 October 2014, Beijing China

Seminar on Emerging Issues

Big Data

for Policy, Development
and Official
Statistics

Friday
22 February 2013

10:00 am – 1:00 pm

SPEAKERS:

10:00 am – 1:00 pm

T.C. Anant

Chief Statistician, India (Chair)

Hal Varian

Chief Economist, Google

Matt Wood

Chief Data Scientist, Amazon Web Services

James Goodnight

Chief Executive Officer, SAS

Robert Kirkpatrick

Director, UN Global Pulse

Andrew Wyckoff

Director, Science, Technology and Industry, OECD

3:00 pm – 6:00 pm

Brian Pink

Chief Statistician, Australia (Chair)

Programme - 22 February 2013

Morning Session (10am-1pm)

Brian Pink, Chief Statistician, Australia (Chair)

Hal Varian, Chief Economist, **Google**

Matt Wood, Chief Data Scientist, **Amazon Web Services**

James Goodnight, CEO, **SAS**

Robert Kirkpatrick, Director, **UN Global Pulse**

Andrew Wyckoff, Director, Science, Technology and Industry, **OECD**

Afternoon Session (3pm – 6pm)

Brian Pink, Chief Statistician, Australia (Chair)

Gosse Van der Veen, Chief Statistician, **Statistics Netherlands**

William Bostic Jr., Associate Director, **US Census Bureau**

Ki-Jong Woo, Commissioner, **Statistics Korea**

Pali Lehohla, Chief Statistician, **South Africa**

Big data and modernization of statistical systems

Report of the Secretary-General

December 2013

Results from the global survey on the use of Big Data

- ❑ This global assessment was undertaken with the objective of providing information on national priorities, developments and experiences regarding the current or planned use of big data for official statistics.
- ❑ The questionnaire was sent to the statistical administrations of over 200 economies in the period from July to September 2013
- ❑ By 2 November 2013, 107 responses had been received.
- ❑ The results are summarized in the report.

UNITED NATIONS and Big Data

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Big data and modernization of statistical systems

The Statistical Commission:

- (a) Expressed appreciation to the Secretary-General on big data and the modernization of statistical systems;
- (b) Reiterated that big data is a source of information that cannot be ignored and that the international community must organize itself and take urgent action to address the opportunities and harness the challenges effectively;
- (c) Requested to further investigate and share experiences on possible data challenges and areas of use of big data for official statistics at the global level;
- (d) Supported broadly the proposal to create a global working group on the use of big data for official statistics, which will manage the globally relevant issues, and requested that:

UN Global Working Group on
Big Data for Official Statistics

Draft Terms of Reference of UN GWG for Big Data

- ❑ Sharing of best practices of Big Data for official statistics;
- ❑ Improve the complementarity and effectiveness of the roles of international and regional organizations, donors and recipient countries
- ❑ Working on concrete and practical examples of Big Data sources,
- ❑ Addressing the issue of Cost of Big Data
- ❑ Developing an adequate communication strategy
- ❑ Reaching out to Big Data initiatives, civil society, private sector, research and academic communities

Upcoming Event



International Conference on Big Data For Official Statistics

The United Nations Statistics Division (UNSD) and the National Bureau of Statistics of China organize jointly an International Conference on Big Data For Official Statistics from 28 to 30 October in Beijing, China.

PHOTO CREDIT

Methodology

Data

Capacity Building

Coordination



Methodology

The United Nations Trade and Tourism Statistics branch is responsible for the development and maintenance of the methodological guidelines on International Merchandise Trade Statistics



Thank You

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