TASK TEAM ON DIGITALIZATION AND GLOBALIZATION

4th Meeting of the United Nations Committee of Experts on Business and Trade Statistics
September 6-9th, 2022

Statistics Canada
Statistique Canada

Canada

TABLE OF CONTENTS

Terms of Reference

01

Policy framework

- "enablers" - the elements that facilitate and make possible a global and digital environment
- "impacts" - the elements that characterize the effects of globalization and digitalization on businesses, society and the environment

02

Core indicators

- 22 indicators put forward related to Globalization and Digitalization
- Jobs, skills and "know how"
- Digital infrastructure and ICT access
- Access to global markets
- Innovation, R&D
- Regulatory and institutional environment

03

Future work programme

- Determine areas that require more in-depth investigation
- Investigate collaboration with other task teams where crosswalks exist
- Support and implementation of core indicators

Guiding Principles

Leveraging existing work such as:

- OECD Handbook on Measuring Digital Trade
- UNCTAD Working Group on Measuring E-Commerce and the Digital Economy
- Measuring Data in the National Accounts (Group of Experts on National Accounts)
- The Digital Future (IMF)
- OECD Roadmap Toward a Common Framework for Measuring the Digital Economy ：Report for the G20 Digital Economy Task Force
- G20 Toolkit for Measuring the Digital Economy

- Cross-walk with the work of the other Task Teams

Policy Needs

The pandemic identified new data gaps and need for more work on impacts

COMING OUT OF THE PANDEMIC

New indicators

Demand for granularity and timeliness of data continues to expand

POTENTIAL AREAS FOR FUTURE WORK

Data Gaps

- Comparable measures for sectoral levels of productivity;
- Measurement of the value of intangibles and investments;
- Improvement of productivity data timeliness;
- Identification of the adoption level of technologies in businesses and its contribution to business success;
- Improvement of data timeliness, coherence and adaptability on technologies adoption by businesses;
- Monitoring of data on global value chains trends and developments, as well as their impact on globalization;
- Linkage of globalization and digitalization to business innovations related to environment and societal issues, such as climate change and well-being.

MOVING FORWARD

Revitalization of Task Team

Update of Terms of reference

Previous tasks have been met; time to reset

Detailed Work Planning

Plan out progress leading to CEBTS 2023

Identification of Priority Topics

Discussion of potential topics for work amongst task team members

Identify collaboration activities

Potential to work across task teams

COMMENTS/ DISCUSSION

- Are there members of the group who would be willing to join / contribute to the work of this task team?

- What work should this task team prioritize in order to better meet the needs of the Committee and the delegates in the short-term or over the longer term?

- Are there opportunities to work across task teams to develop new indicators and meet emerging data needs?

CURRENT WORK AT STATISTICS CANADA

Statistics Canada
Statistique Canada

MACROECONOMICS ACCOUNTS

Current work at Statistics Canada aims to better capture impact of digitalization in the macroeconomics accounts

Alignment with SNA2025 and BOP-7 Standards

Value of Data	Digital Supply Use Table	Cloud Computing	Cryptocurrencies	Digital Platforms
• Requires identification of requirements, assessments of impact of production on current team and experimentation with estimates • Aim to bring within SNA production boundary by 2025	• Successful experimental estimates released in April 2021 • Will now transition to becoming production-ready and an on-going program	• Understanding the definitions and concepts related to cloud computing • Identify the big players and platforms available • Identify the available data via either administrative sources or surveys	• Better define concepts and definitions related to crypto • Assess data sources available • Attempt to assess value of crypto-assets held by Canadian firms • Additional work on Fintech and inclusion	• Understanding the concept of Digital Platforms and establishing a workable definition • Identify the big players and platforms available • Identify the available data via either administrative sources or survey

SURVEY PROGRAMS

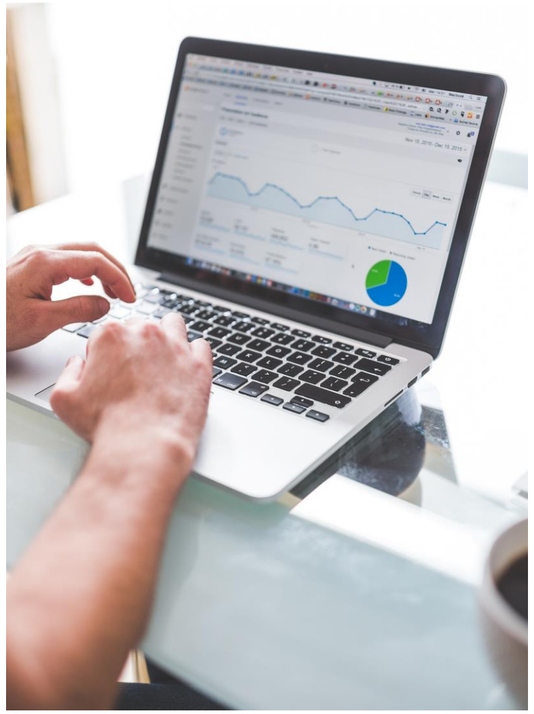
2022 Survey of Advanced Technology

- Measures the adoption of digital technologies across the economy, as well as amongst more targeted advanced technology performers and demographic groups.

2023 Survey of Digital Technology and Internet Use

- Measures the impact of technologies, including the Internet and specific Information and Communication Technologies (ICTs), on the operation of Canadian enterprises.

OTHER WORK AT STATISTICS CANADA



01. Measuring Digital Intensity in Firms

Development of a composite index to characterize the intensity of digitalization in Canadian industries

https://doi.org/10.25318/36280001202100200003-eng

02. Measuring Economic Performance Associated with Digitalization

Compares the labour productivity performance of industries where digital inputs have been used more intensively in the production process (digitally intensive sector) to that of remaining industries (non-digitally intensive sector) over the past two decades

https://doi.org/10.25318/36280001202100200001-eng

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