



OECD Science, Technology
and Innovation

Webinar 3: Measuring Caribbean Digital Transformation – A Data Driven Approach

Measuring and analysing transformation A statisticians Toolkit

ARIN-CTU Webinar series

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OECD Going Digital Project, March 2019



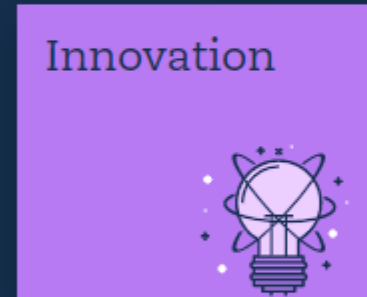
Toolkit

www.oecd.org/going-digital-toolkit
#GoingDigital



Growth & Well-being

<https://goingdigital.oecd.org/en/>





OECD Going Digital Project - Objectives

- Improve understanding of the digital transformation and its impacts on economy & society;
- Provide policymakers with tools that can help develop a forward-looking, whole-of-government policy response;
- Explore ways of improving policy making itself and addressing the gap between technological change and policy development.
- Involved 14 OECD Committees and 10 Directorates (CTP, DAF, ECO, EDU, ELS, GOV, SDD, STI, TAD, SGE)





Digital Economy Policy Division at the OECD

Telecommunication reviews

Broadband Policies for Latin America and the Caribbean
A DIGITAL ECONOMY TOOLKIT

OECD Telecommunication and Broadcasting Review of Mexico 2017

OECD Review of Telecommunication Policy and Regulation in Colombia



Indicators for evidence based policy analysis

- Communication revenue => contribution to GDP
- Communication investment => FDI
- Access => subscriptions to Fixed and Mobile networks
- Regional data => Rural/urban divide
- Market share => subscriptions / revenue by operator
- Quality of services => Broadband speed / coverage
- Prices for Fixed and Mobile services (voice and data)
- Usage by households / individuals / businesses (survey collection)



Data collection of communication indicators at OECD

- Working party (CISP) organisation :
 - Two meetings per year
 - Telecommunication experts from all member countries
 - Civil society and businesses represented
- On data Collection :
 - List of indicators
 - Definitions
 - Timeline for data collection
 - Publication
 - Reviews



ITU World Telecommunication/ICT Indicators



ITU World Telecommunication/ICT Indicators (WTI) Database 2019

December 2019 Edition

As the United Nations specialized agency for information and communication technology, ITU provides the world's most authoritative data for global ICT statistics. Data are collected from national ICT ministries, telecommunications regulatory authorities, national statistical offices, based on common international statistical standards at the international level.

Apart from the ITU World Telecommunication/ICT Indicators Database, ITU publishes the *Yearbook of Statistics* annually.



The **Yearbook of Statistics**, published annually, provides 10-year time-series for key ICT statistics for some 190 economies.

Indicator Selection

Select indicators by clicking individual indicators (click again to unselect).
Click and hold to select all indicators that the mouse passes over (e.g. click, hold and drag).

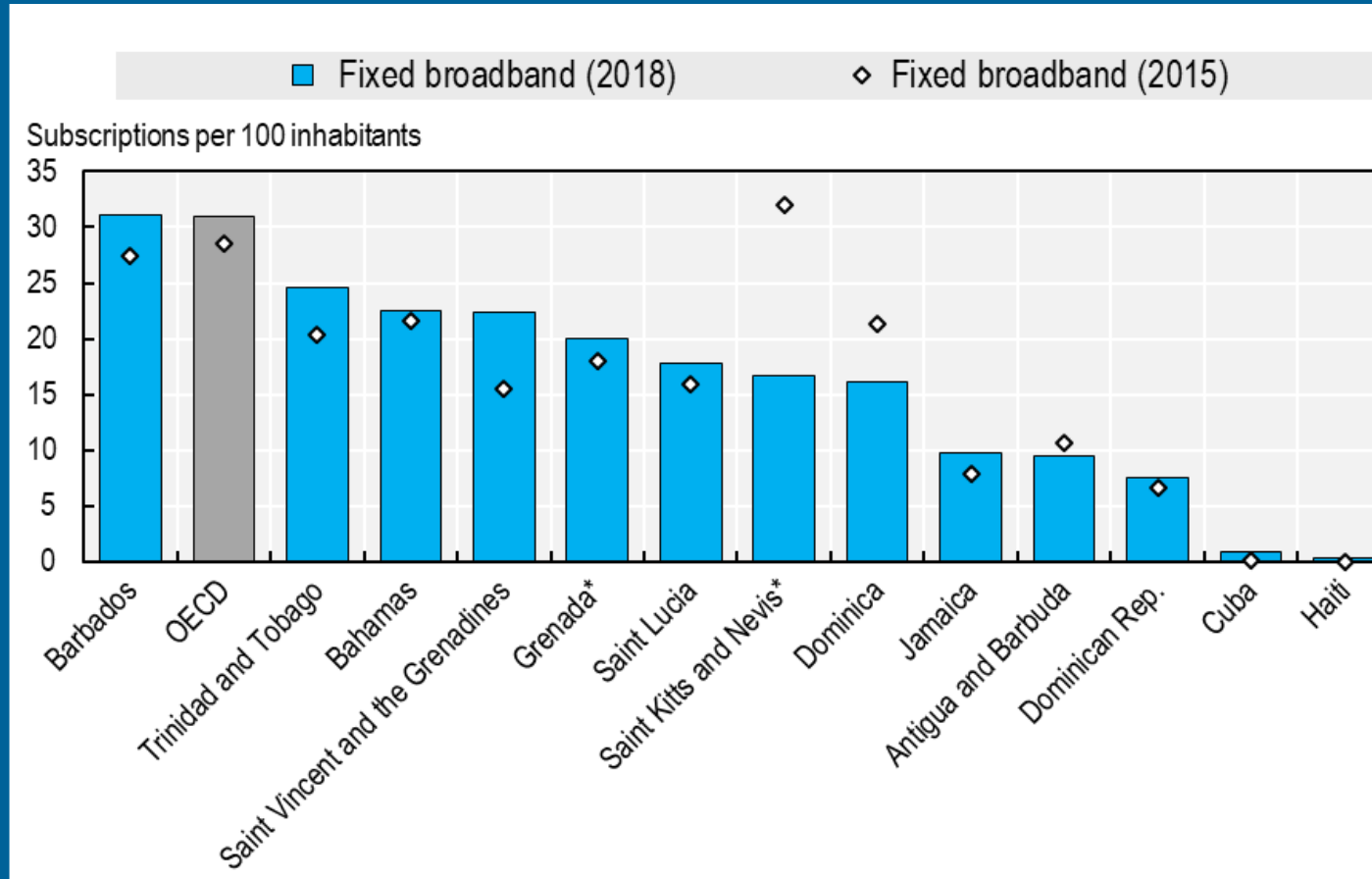
Filter

▲ Indicator	Description
i1112	Public payphones
i112	Fixed-telephone subscriptions
i112IP	VoIP subscriptions
i112pt	Fixed-telephone numbers ported
i1142	Percent of fixed telephone lines connected to the Internet
i116	Percentage of fixed-telephone subscriptions with voicemail
i1162	Percentage of fixed-telephone subscriptions with voicemail

Navigation buttons: >, <, >>, <<



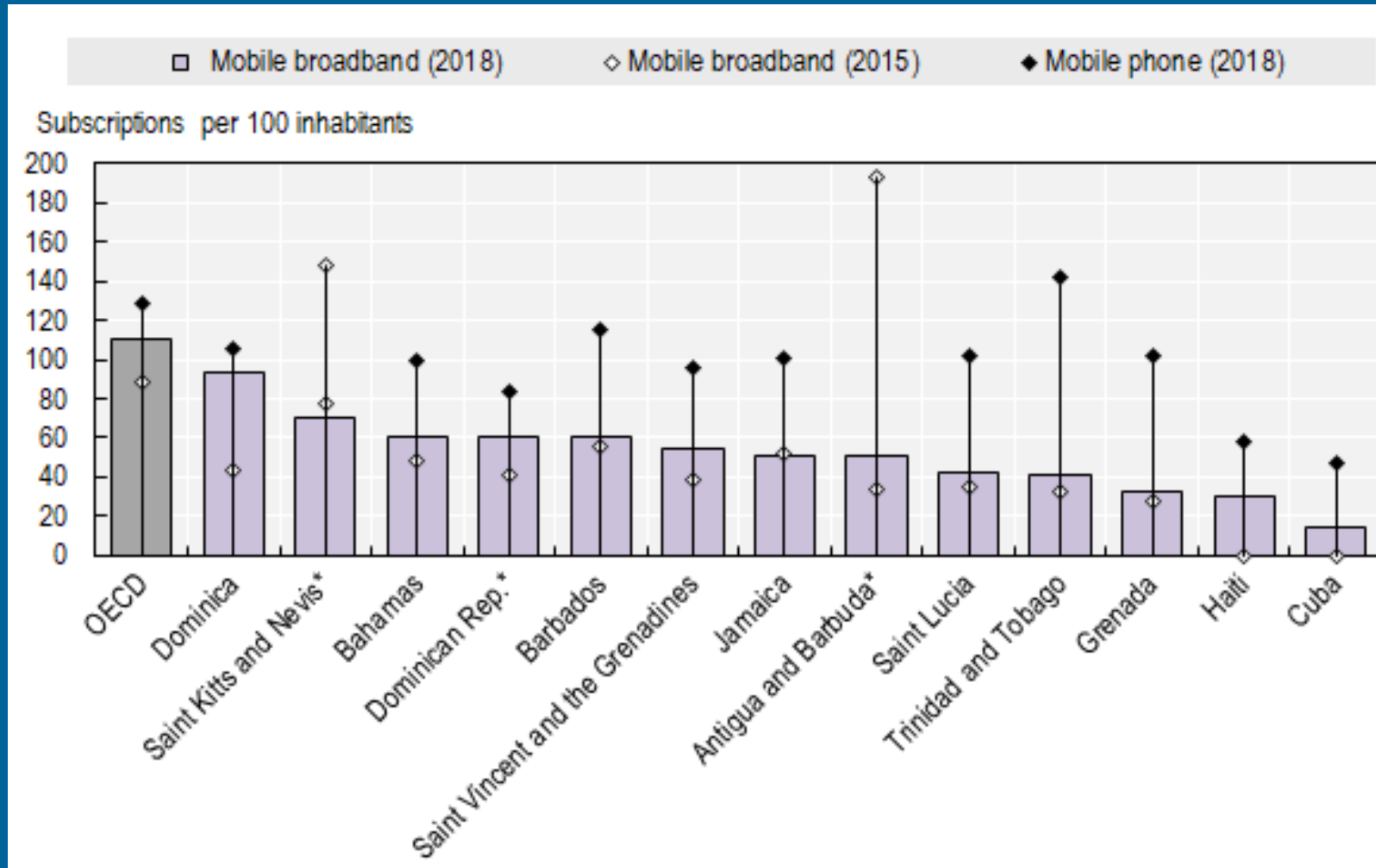
Fixed broadband per 100 inhabitants



*data for 2017 instead of 2018, Source ITU WTI database, 2019



Mobile phone and Mobile broadband per 100 inhabitants



*data for 2017 instead of 2018, Source ITU WTI database, 2019



OECD experience in broadband data collection

The Broadband portal example [<http://oe.cd/broadband>]:

The screenshot shows the OECD Broadband Portal. At the top left is the OECD logo with the tagline "BETTER POLICIES FOR BETTER LIVES". A navigation bar contains links for "OECD Home", "About", "Countries", "Topics", and "Coronavirus (COVID-19)". Below the navigation bar is a breadcrumb trail: "OECD Home > Directorate for Science, Technology and Innovation > Broadband and telecom > Broadband Portal". The main heading is "Broadband Portal". On the left is a vertical menu with categories: "Science, technology and innovation policy", "Industry and globalisation", "Emerging technologies", "Digital economy", "Broadband and telecom" (highlighted), and "Consumer policy". The main content area features three introductory paragraphs: "Policy makers must examine a range of indicators which reflect the status of individual broadband markets.", "This page provides access to a range of broadband-related statistics gathered by the OECD.", and "The OECD has identified the five main categories below which are important for assessing broadband markets." To the right of these paragraphs are links for "Methodology", "FAQ", and "Broadband access network speed tests". At the bottom, a section titled "Latest data update: July 2020" reports that "Data usage increases more than 25% in the majority of OECD countries in 2019" and includes a "Read more" link.



Thank you