

**8th World Telecommunication/ICT Indicators
Meeting (WTIM-10)**
Geneva, Switzerland, 24 - 26 November 2010




Contribution to WTIM-10 session 5

Document C/24-E
25 November 2010


English

SOURCE: OECD

TITLE: The OECD Wireless broadband indicator : Experience from data collections




ORGANISATION FOR ECONOMIC
CO-OPERATION AND DEVELOPMENT



The OECD Wireless broadband
indicator :
Experience from data collections

Frédéric Bourassa, OECD (DSTI/ICCP)
ITU – WTIM, Session 5
24-26 November 2010



The OECD broadband data collections

- Number of subscriptions / breakdown by technologies
- Subscriptions per 100 inhabitants
 - One of OECD's most popular statistics
 - Collect biannually from governments and carriers
 - Subscriptions versus users
 - Diffusion on the OECD Broadband portal
- Potential expansion
 - Broadband as a price basket (similar to PSTN and Mobile baskets)?
 - Convergence issues



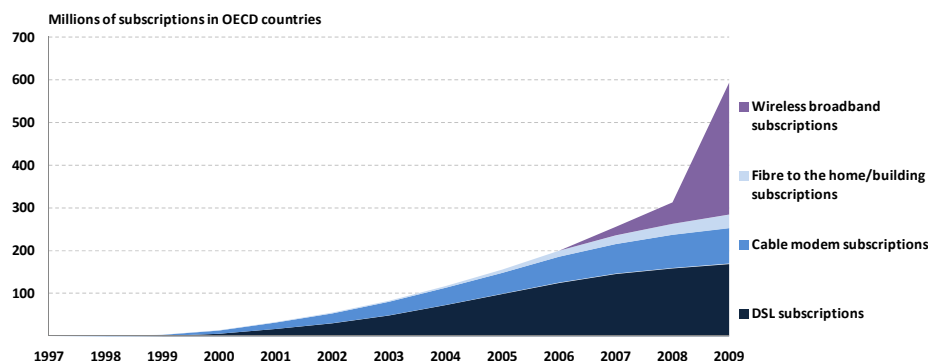
Development of the OECD wireless broadband indicator

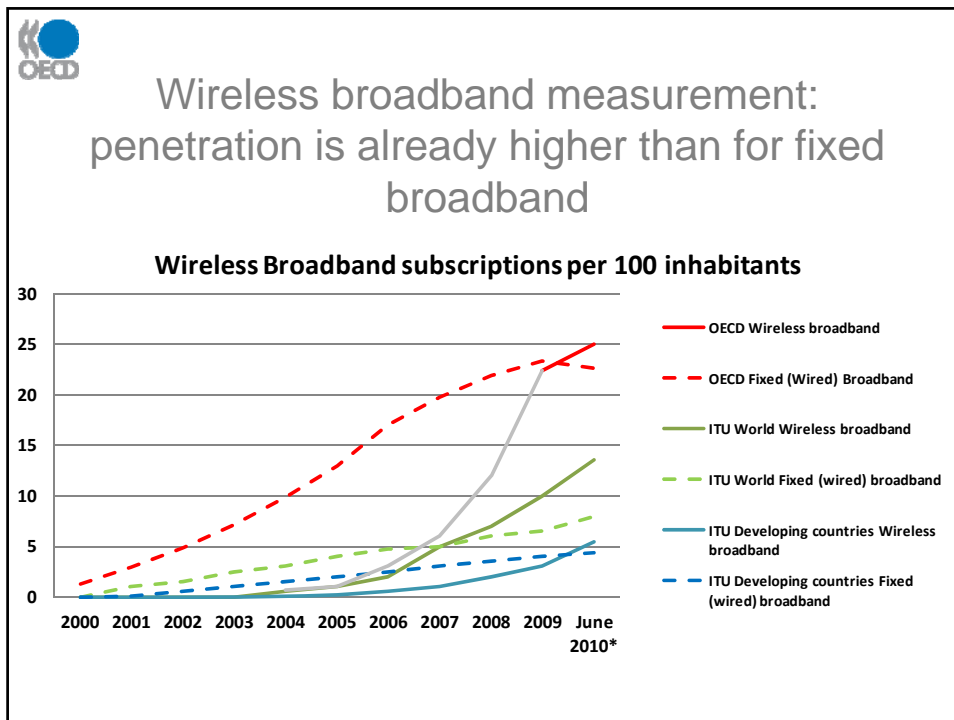
- Timeline :
- Dec. 2008 : The proposal to create a Mobile broadband indicator was accepted by the OECD Working party on Communications Infra-structure services policy (CISP)
- Feb. 2009 : Workshop organized in Lisbon – agreement on methodology and definitions
- Feb. 2010 - Revised definitions available after a few rounds of discussion
- April 2010 - ITU decided to use the definition for their Wireless broadband indicator
- May/June 2010 - First data collection for OECD countries (for Dec. 2009)
- Harmonization problems were too important - Data are not publicly available yet
- Nov. 2010: Current collection



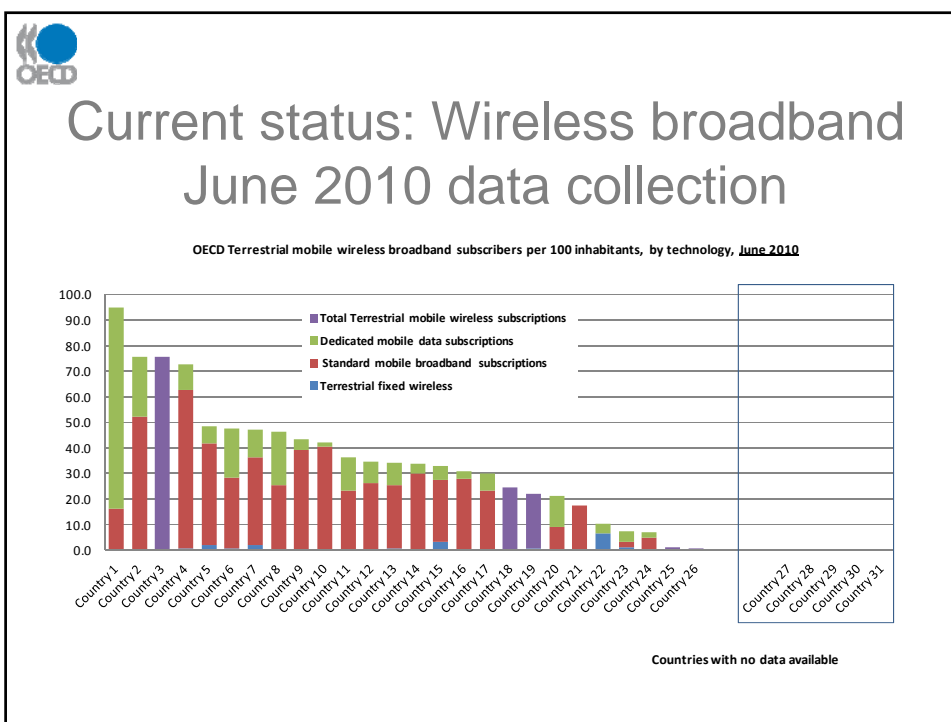
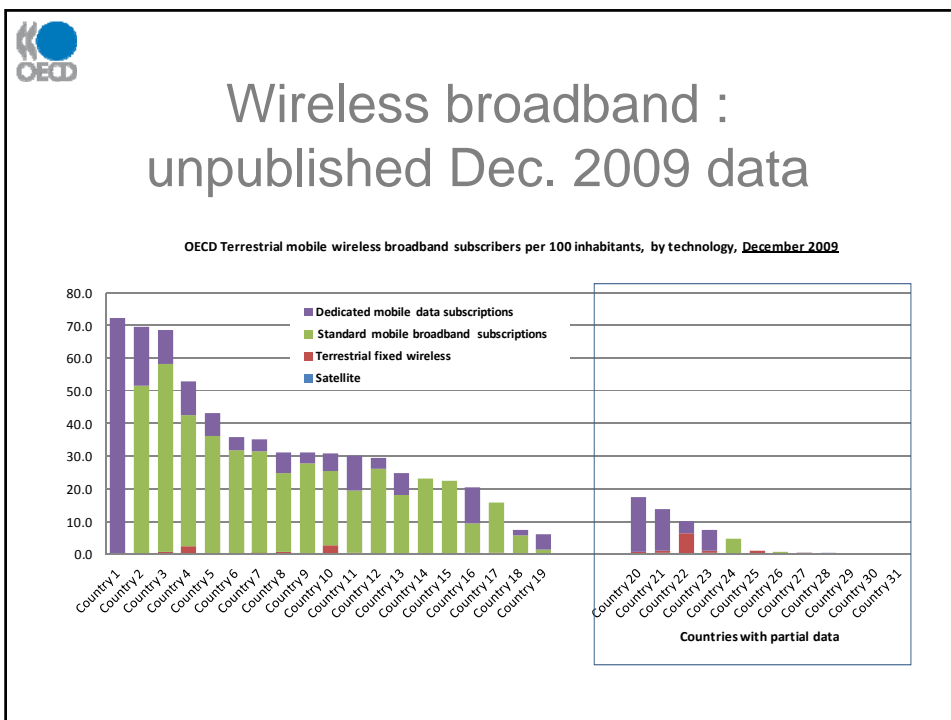
Wireless broadband measurement ...

- ... will have a major effect on the number of broadband subscriptions and shed a new light on global connectivity !





The OECD experience :
 Wireless data issues met following the first
 collection of June 2010





Wireless notes

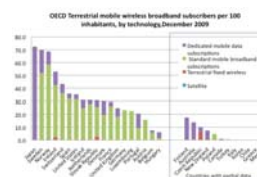
Some examples from the Dec. 2009 data collection

- Includes e-mail-only use
- Active mobile with access within 90 days to Internet or [walled garden](#)
- OECD [estimate of % active data users](#) out of total 3G subs
- Includes figures for handset subscriptions with active broadband use and/or [bundles and/or data packages added on](#).
- The broadband subscriptions functioning in mobile networks and whose maximum transfer speed has been determined to be [over 144 kbit/s \(downstream\)](#) in the area of 3G networks. In the subscriptions includes monthly fee and the amount of data in a month is not marked off.
- This is the number of CoCom's indicator "Actual usage". While CoCom always requires usage of mobile broadband within the previous three months, OECD considers users who purchase a [dedicated data tariff automatically as active](#). Walled garden are not excluded. The effect from estimation is probably larger than the effect from different definitions.
- Data are for total mobile broadband subscriptions. Only includes contracts with a [download volume of at least 250MB](#) included in the monthly fee and prepaid products with at least 750MB being downloaded per quarter



Missing data

- How to display/compare countries that are missing data
- Potential solutions:
 - Separating in chart (preferred)
 - Omitting countries with missing data
 - Reporting data by segment
 - Satellite compared, fixed terrestrial, dedicated mobile, etc.





Mismatched data

- Some countries adhere strictly to methodology, others provide what they can.
- Proposed solutions:
 - Heavy use of footnotes (preferred)
 - Omitting non-conforming data
 - Attempting to match to similar data



Combined data

- In some cases the breakdown of subscriptions is unknown for standard mobile and dedicated data
- Proposed solutions:
 - Report all as standard wireless (preferred)
 - Create a combined indicator category



Thank you !

OECD Broadband portal :
www.oecd.org/sti/ict/broadband