



INTERNATIONAL TELECOMMUNICATION UNION

**TELECOMMUNICATION
DEVELOPMENT BUREAU**

**Document 007-E
25 February 2009
Original: English**

7TH WORLD TELECOMMUNICATION/ICT INDICATORS MEETING, CAIRO, EGYPT, 3-5 MARCH 2009

SOURCE: Organisation for Economic Co-operation and Development (OECD)

TITLE: Measuring wireless broadband – Data methodology proposal



Measuring wireless broadband

Data methodology proposal

Cairo, Egypt
3 March 2009

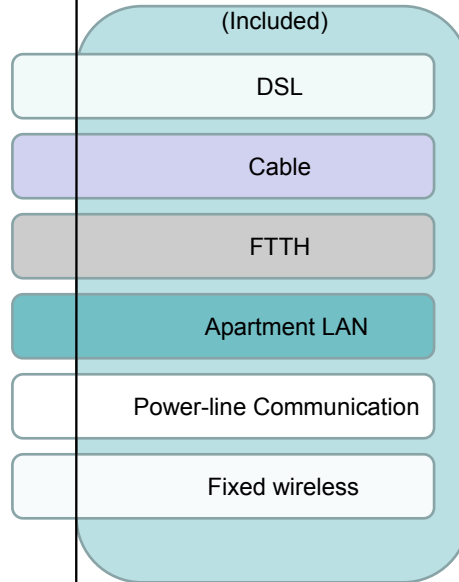
Background

- Broadband data collection began in 2000
- Methodology
 - Speeds ≥ 256 kbit/s
 - Fixed wireless included
 - Wi-Fi **not** included (double counting)
 - 3G **not** included
- Work on a wireless broadband indicator began in 2007



Wired Broadband

256 kbit/s



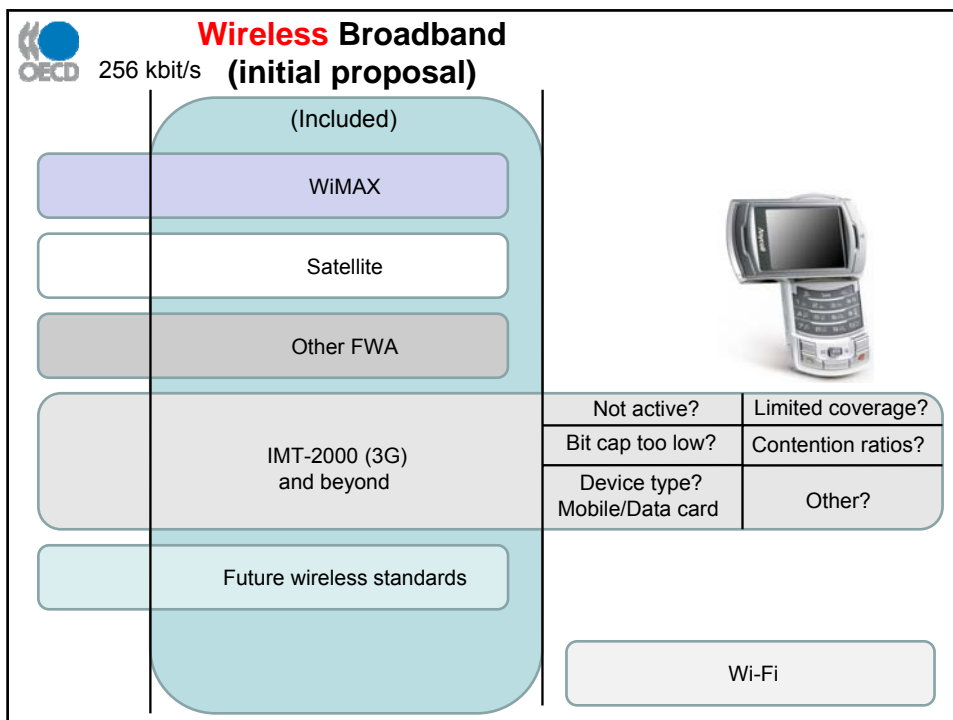
Current OECD broadband statistics

Fixed
(counted)



Wireless
(mobile excluded)





OECD **Wireless and wired broadband: Japan and Korea**

Broadband, 3G and other wireless Internet access subscribers in Japan and Korea

	Japan	Korea
Broadband subscribers (Current OECD definition, Dec 2007)	28,749,525	14,709,998
Fixed wireless (included in OECD broadband, Dec 2007)	12,824	381
3G mobile subscribers (Dec 2007)	88,097,400	37,783,514
Mobile WiMAX/WiBro (Dec 2007)	NA	106,118

Previous decisions: Dec 2007

- Usage: **Required**
-
- Bit caps: No restrictions
 - Access equipment: No restrictions
 - Mobile vs. 3G data cards
 - Coverage: No restrictions
 - Contention ratios: No restrictions
 - Backhaul or spectrum

Counting mobile (Feb 2009)

1. Mobile:
Total active SIM
cards/devices

2. Mobile:
Actual usage

3. Mobile:
Dedicated data
subscription
(used or not)

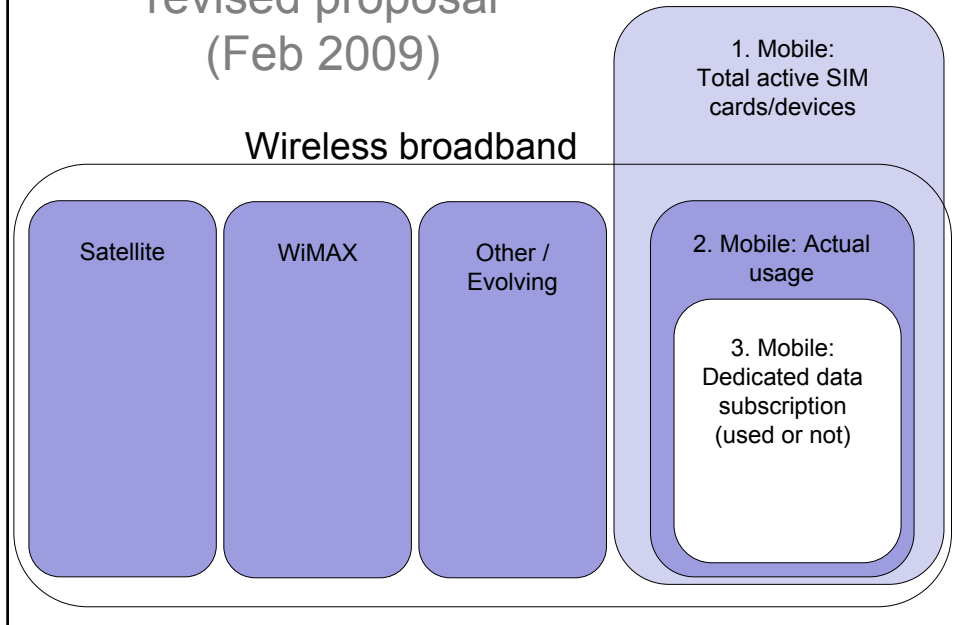
Availability: Counts all active subscriptions capable of accessing the Internet with theoretical download speeds greater than or equal to 256 kbit/s

Usage: Includes all subscriptions where there was an active Internet data connection in the previous 3 months. Active is defined as any IP data transfer.

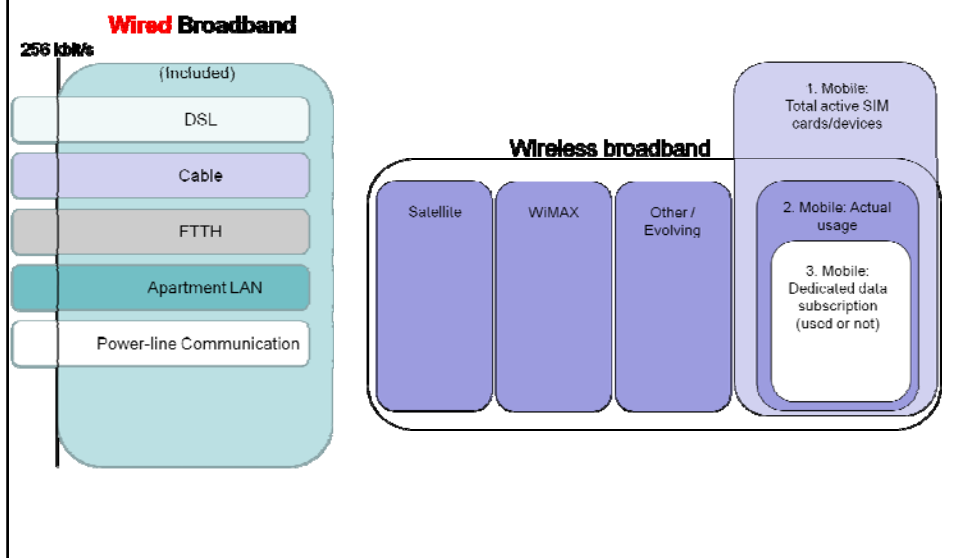
Dedicated data: A subscription permitting access to data services which involves an additional payment.



Wireless broadband: revised proposal (Feb 2009)



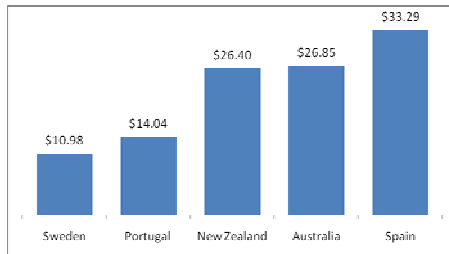
Two broadband indicators



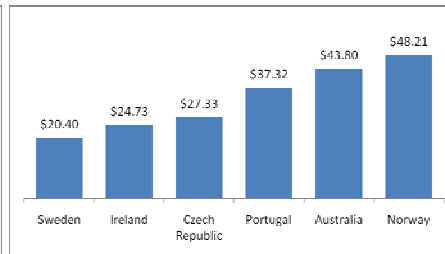


Prices: Wireless broadband

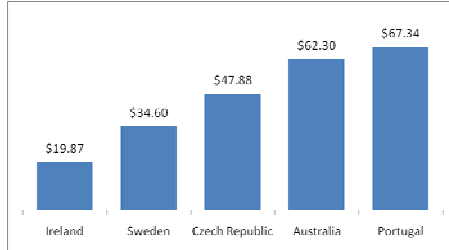
20 – 1 000 MB



2 000 MB – 5 000 MB



6 000 MB – 20 000 MB



Fixed:

Explicit bit caps: 40% of offers
Average bit cap: 22 600

Fixed average is higher than
maximum cap on mobile



Wireless broadband prices

- Is the best way to measure mobile broadband prices a basket methodology?
 - Similar to OECD PSTN and mobile baskets?

Fixed-line baskets (calls per year)				
Business		Residential		
SoHo	SME	Low	Medium	High
1 800	84 000	600	1 200	2 400

Mobile baskets (calls per year)			
Residential/Business			
	Low	Medium	High
Minutes	360	780	1680
SMS	396	600	660
MMS	8	8	12



Thank you