

Broadband Coverage (Fixed and Mobile network) in terms of geographical distribution

(Percentage of the total resident population on 31.12.2013)

The estimate refers to the *absolute* infrastructural Digital Divide, to be construed as lack of access to broadband by both fixed line and terrestrial mobile network; coverage is calculated taking into account the presence of ADSL service on the telephone line and fiber optic infrastructure in the access network architecture FTTH or FTTC / VDSL for the national fixed network and a standard average antenna coverage for the mobile network, which varies depending on the type of covered area (urban, suburban, rural). Satellite technology still ensures 100% coverage of the territory and the population.

Explanatory note on the data:

- "broadband" means an access speed of 2Mbps or higher for fixed networks and an appropriate speed for third-generation networks (HSDPA, WiMax, etc.) for mobile ones;
- coverage is estimated as a percentage of population living in geographic areas regardless of the number of actual active fixed lines or the actual number of available radio channels for the mobile networks and regardless of any radio propagation problems; in brackets the figure for the previous survey (30.06.2013).

Area	FIXED NETWORK DIGITAL DIVIDE	FIXED NETWORK DIGITAL DIVIDE with MOBILE COVERAGE	ABSOLUTE DIGITAL DIVIDE (only satellite)	Resident population (millions)
North West	6,1% (6,8%)	3,5% (3,9%)	2,6% (2,9%)	15,979
North East	10,9% (12,7%)	6,2% (7,2%)	4,7% (5,5%)	11,563
Centre	6,8% (8,2%)	3,6% (4,5%)	3,2% (3,7%)	11,713
South	8,7% (9,8%)	4,2% (5,0%)	4,5% (4,8%)	13,973
Islands	5,2% (6,1%)	3,2% (3,7%)	2,0% (2,4%)	6,636
Italy	7,7% (8,8%)	4,2% (4,8%)	3,5% (4,0%)	59,866

Source: Ministry of Economic Development – Communications Department

Data notes:

Fixed Network Digital Divide: fixed network broadband access unavailable (or less than 2Mbps)

Fixed Network Digital Divide with Mobile Coverage : fixed network broadband access unavailable (or less than 2Mbps), but 3G wireless broadband access available in the area

Absolute Digital Divide: fixed and/or mobile broadband access unavailability index

Notes:

Resident population: data related to monthly Demographic Balance of the period
(source ISTAT: www.istat.it)

Geographical Areas: North West: Piedmont, Valle d'Aosta, Liguria, Lombardy, North East: Trentino Alto Adige, Veneto, Friuli Venezia Giulia, Emilia Romagna; Centre: Marche, Tuscany, Umbria, Lazio; South: Campania, Abruzzo, Molise, Puglia, Basilicata, Calabria; Islands: Sicily, Sardinia