

Broadband (ADSL) and Ultra-Broadband (NGAN) Coverage in terms of connectivity and geographical distribution

(Percentage of the total resident population on 31.12.2013)

Coverage is calculated on the basis of ADSL availability on national telephone lines. Ultra-Broadband coverage is calculated taking into account the presence of fiber optic infrastructure in the access network architecture FTTH or FTTC / VDSL.

Explanatory note on the data:

- "broadband" means an access speed of 2Mbps or higher; "ultra-broadband" means an access speed of 30Mbps or higher;
- detail of 20Mbps and 7Mbps coverage is provided; in particular cases because the actual speed is technically limited by the excessive length of the access line ("long line"), due to the distance from the network switch, the estimate is reported of this effect either in terms of simple degradation (such as to guarantee access to "broadband") or in terms of increasing the infrastructural digital divide (defined as limited access to the network with less than 2Mbps);
- coverage is estimated as a percentage of resident population living in geographic areas regardless of the actual number of active lines; in brackets the figure for the previous survey (30.06.2013). Note that the previous survey was referring only to the "broadband", it does not provide details of speed equal to or greater than 20Mbps.

Area	ULTRA BROADBAND		BROADBAND			DIGITAL DIVIDE			Resident population (millions)
	30~100M	20M	2~20M	7M	2~7M	640k	NO ADSL	LONG LINE	
North West	15,2%	54,6%	14,0%	9,5%	0,6%	3,1%	2,4%	0,6%	15,979
	(62,3%)		(19,4%)	(10,8%)	(0,7%)	(3,5%)	(2,6%)	(0,7%)	
North East	7,8%	52,4%	17,8%	10,3%	1,0%	3,5%	6,0%	1,3%	11,563
	50,3%		(23,6%)	(12,3%)	(1,2%)	(3,7%)	(7,1%)	(1,8%)	
Centre	10,6%	56,8%	17,5%	7,6%	0,7%	2,0%	2,7%	2,0%	11,713
	(57,2%)		(24,8%)	(9,0%)	(0,8%)	(2,2%)	(3,3%)	(2,7%)	
South	4,8%	58,1%	13,0%	14,3%	1,0%	3,9%	3,1%	1,7%	13,973
	(55,6%)		(18,3%)	(15,3%)	(1,1%)	(4,1%)	(3,6%)	(2,1%)	
Islands	7,9%	58,4%	10,3%	17,5%	0,7%	1,8%	1,4%	2,0%	6,636
	(57,1%)		(15,6%)	(20,3%)	(0,9%)	(1,9%)	(1,7%)	(2,5%)	
Italy	9,6%	55,9%	14,8%	11,3%	0,8%	3,0%	3,2%	1,4%	59,866
	(56,8%)		(20,6%)	(12,8%)	(0,9%)	(3,3%)	(3,8%)	(1,8%)	
	92,3%					7,7%			
	(91,2%)					(8,8%)			

Source: Ministry of Economic Development – Communications Department, Infratel Italia spa

Data notes:

30~100M:	30Mbps or higher rated access speed
20M:	20Mbps access speed
2~20M:	20Mbps rated access speed with long line degradation up to 2Mbps
7M:	7Mbps access speed
2~7M:	7Mbps rated access speed with long line degradation up to 2Mbps
640k:	640kbps access speed (ADSL "lite")
NO ADSL:	ADSL unavailable, presence of limiting secondary devices in the network
LONG LINE:	long line signal degradation with actually no broadband access speed

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