

Statistics on Telecom Services for 2016 (Jul - Dec)

CATEGORY	SEP	DEC
Fixed Lines¹ [Figures updated on a quarterly basis]		
Total Fixed Line Subscriptions	2,007,600	2,003,200
Total Residential Line Subscriptions	1,292,600	1,295,900
Total Corporate Line Subscriptions	715,000	707,300
Fixed Line Population Penetration Rate	35.8%	35.7%
Fixed Line Household Penetration Rate	94.3%	94.6%

	JUL	AUG	SEP	OCT	NOV	DEC
Mobile Market						
Total Mobile Subscriptions (2G+3G+4G) ²	8,349,100	8,366,400	8,373,800	8,362,000	8,366,000	8,398,800
Total Post-paid Subscriptions (2G)	33,800	33,200	32,700	32,200	31,600	30,900
Total Pre-paid Subscriptions (2G)	129,800	127,200	110,600	107,600	104,700	101,400
Total Post-paid Subscriptions (3G)	953,700	928,800	908,100	890,800	875,300	855,700

	JUL	AUG	SEP	OCT	NOV	DEC
Populati on Penetra tion Rate [^]						
Broadband Internet Subscriptions						
Total Broadba nd ⁴	12,340,0 00	12,376,10 0	12,483,8 00	12,447,3 00	12,483,0 00	12,543,0 00
Total Re sidential Wired Broadba nd ⁵	1,344,70 0	1,333,100	1,334,30 0	1,333,90 0	1,337,500	1,336,20 0
Total Corpora te Wired Broadba nd ⁶	117,300	117,700	116,100	116,700	118,100	118,800
Total xD SL ⁷	96,700	80,900	76,600	72,400	69,800	66,000
Total Ca ble Modem 8	290,300	279,100	269,200	261,200	253,300	243,900
Total Optical Fibre Broadba nd Subscri ption (i.e., offered via PON or Active Etherne t) ⁹	1,065,90 0	1,082,20 0	1,097,50 0	1,109,200	1,124,700	1,136,900
Total Wi reless Broadba nd ¹⁰	10,878,10 0	10,925,2 00	11,033,50 0	10,996,7 00	11,027,50 0	11,088,0 00
Total Subscri ptions using	9,100	8,700	7,100	7,900	7,700	8,200

	JUL	AUG	SEP	OCT	NOV	DEC
other Broadband Internet Access Platforms						
Residential Wired Broadband Household Penetration Rate ¹¹	98.1%	97.3%	97.4%	97.3%	97.6%	97.5%
Wireless Broadband Population Penetration Rate ¹²	194.0%	194.8%	196.8%	196.1%	196.7%	197.7%
International Telephone Services						
Total number of outgoing retail international telephone call minutes	442,802,500	429,533,900	418,626,700	422,946,100	400,746,500	391,932,200
Total number of outgoing retail international telephone call minutes including transit ¹³	1,929,607,900	2,024,264,700	1,964,738,200	2,020,170,700	2,049,914,100	1,913,533,800

All figures for subscriptions are rounded to the nearest hundred.

All figures for penetration rates are rounded to the nearest decimal point.

¹ "Fixed Lines" includes Direct Exchange Lines ("**DEL**") and IP Telephony subscriptions using Level '6' numbers.

² "Total Mobile Subscriptions" includes both 2G, 3G and 4G subscriptions (including both pre-paid and post-paid).

³ "Total Ported Subscriptions" refers to the number of subscribers who retained their mobile numbers when they switched to a new mobile operator.

⁴ "Total Broadband Subscriptions" (i.e., for connection speeds equal to, or greater than, 256 kbit/s, in one or both directions) includes retail xDSL, cable modem, leased line Internet, 3G, 3.5G/HSDPA, 4G/LTE, WiMAX or its equivalent and Wi-Fi hotspots access (including Wireless@SG subscriptions).

⁵ "Total Residential *Wired* Broadband" includes all retail residential wired broadband subscriptions (i.e. for connection speeds equal to, or greater than, 256 kbit/s, in one or both directions) provided over xDSL, cable modems, leased line and optical fibre. Residential wireless broadband subscriptions will be excluded.

⁶ "Total Corporate *Wired* Broadband" includes all retail corporate wired broadband subscriptions (i.e. for connection speeds equal to, or greater than, 256 kbit/s, in one or both directions) provided over xDSL, cable modems, leased line and optical fibre. Corporate wireless broadband subscriptions will be excluded.

⁷ "Total xDSL" includes residential and corporate xDSL subscriptions.

⁸ "Total Cable Modem" includes residential and corporate cable modem subscriptions.

⁹ "Total Optical Fibre Broadband" includes residential and corporate subscriptions to broadband Internet services using optical fibre networks, including end-to-end optical fibre broadband subscriptions that are offered via Passive Optical Network ("**PON**") and Active Ethernet.

¹⁰ "Total Wireless Broadband Subscriptions" includes all retail broadband Internet access subscriptions (i.e., for connection speeds equal to, or greater than, 256 kbit/s, in one or both directions) provided via wireless platforms such as 3G, 3.5G/HSDPA, 4G/LTE, WiMAX or its equivalent and Wi-Fi hotspots (including Wireless@SG subscriptions).

¹¹ "Residential Wired Broadband Household Penetration Rate" measures the total number of residential wired broadband subscriptions as a percentage of the total number of households in Singapore, and excludes all wireless access plans (provided via 3G, 3.5G/HSDPA, 4G/LTE, WiMAX or its equivalent and Wi-Fi hotspots). Please note that this does not necessarily reflect of the proportion of households with broadband in Singapore as some households subscribe to more than one broadband connection. For a more accurate figure, please refer to [IDA's Household Survey findings](#).

¹² "Wireless Broadband Population Penetration Rate" measures the total number of retail wireless broadband Internet access subscriptions (i.e. for connection speeds equal to, or greater than, 256 kbit/s, in one or both directions) such as 3G, 3.5G/HSDPA, 4G/LTE, WiMAX or its equivalent and Wi-Fi hotspots (including Wireless@SG subscriptions) as a percentage of the total population in Singapore.

¹³ This figure includes total retail outgoing international call minutes as well as transit minutes and includes all Service-Based Operators (**SBO**).

These telecom statistics are subject to revision from time to time to ensure accuracy.