

Statistics on Telecom Services for 2011 (Jul - Dec)

CATEGORY	SEP	DEC
Fixed Lines¹ [Figures updated on a quarterly basis]		
Total Fixed Line Subscriptions	2,017,400	2,016,900
Total Residential Line Subscriptions	1,240,200	1,237,100
Total Corporate Line Subscriptions	777,200	779,700
Fixed Line Population Penetration Rate [^]	38.9%	38.9%
Fixed Line Household Penetration Rate	104.6%	104.4%

	JUL	AUG	SEP	OCT	NOV	DEC
Mobile Market						
Total Mobile Subscriptions (2G+3G) ²	7,589,600	7,626,800	7,667,500	7,697,900	7,718,000	7,755,200
Total Post-paid Subscriptions (2G)	235,500	233,100	226,600	218,400	211,200	204,500
Total Pre-paid Subscriptions (2G)	1,967,400	1,928,900	1,891,800	1,857,000	1,822,000	1,795,300
Total Post-paid Subscriptions (3G)	3,697,900	3,719,300	3,741,300	3,763,400	3,796,400	3,825,300
Total Pre-paid Subscriptions	1,688,800	1,745,500	1,807,800	1,859,000	1,888,400	1,930,100

	JUL	AUG	SEP	OCT	NOV	DEC
ptions (3G)						
Total SMS Messages (2G+3G) [Figures updated on a quarterly basis]	-	-	2,464.0 m	-	-	2,302.0 m
Total Ported Subscriptions ³	5,900	5,400	6,000	6,600	10,700	9,700
Mobile Population Penetration Rate [^]	149.5%	147.1%	147.9%	148.5%	148.9%	149.6%
Dial-Up Internet Subscriptions						
Total Internet Dial-up	62,200	61,000	60,300	59,500	58,900	58,300
Internet Dial-up Population Penetration Rate [^]	1.2%	1.2%	1.2%	1.1%	1.1%	1.1%
Broadband Internet Subscriptions						
Total Broadband ⁴	8,744,900	8,851,700	8,959,900	9,052,200	9,133,400	9,222,300
Total Residential Wired Broadband ⁵	1,221,500	1,228,500	1,231,700	1,232,400	1,235,300	1,237,900
Total Corporate Wired	82,900	83,300	83,700	84,500	85,200	85,500

	JUL	AUG	SEP	OCT	NOV	DEC
Broadband ⁶						
Total xDSL ⁷	561,100	558,700	559,000	554,800	547,700	542,200
Total Cable Modem ⁸	693,000	696,200	685,900	683,500	682,200	679,300
Total Optical Fibre Broadband Subscription (i.e., offered via PON or Active Ethernet) ⁹	47,400	54,400	68,000	75,800	87,300	98,600
Total Wireless Broadband ¹⁰	7,440,600	7,539,900	7,644,600	7,735,400	7,812,800	7,898,900
Total Subscribers using other Broadband Internet Access Platforms	2,800	2,500	2,400	2,700	3,400	3,200
Residential Wired Broadband Household Penetration Rate ¹¹	104.5%	103.7%	103.9%	104.0%	104.2%	104.4%
Wireless Broadband	146.6%	145.5%	147.5%	149.2%	150.7%	152.4%

	JUL	AUG	SEP	OCT	NOV	DEC
Population Penetration Rate ¹²						
International Telephone Services						
Total number of outgoing retail international telephone call minutes	700,950,800	705,690,100	689,690,000	708,509,600	685,280,200	667,560,800
Total number of outgoing retail international telephone call minutes including transit ¹³	1,013,103,600	1,043,222,800	1,013,631,600	1,049,153,600	1,073,922,800	1,070,112,100

^Population Penetration rate figures from June 2011 onwards are based on the estimated mid-year total population figures for that year as released by the Department of Statistics. Population Penetration Rate = [Total number of subscriptions/Total Population]

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 2G, 3G subscriptions (including both pre-paid and post-paid subscriptions).

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.