

Statistics on Telecom Services for 2011 (Jan - Jun)

CATEGORY	MAR	JUN
Fixed Lines¹ [Figures updated on a quarterly basis]		
Total Fixed Line Subscriptions	1,996,100	2,007,700
Total Residential Line Subscriptions	1,220,600	1,231,000
Total Corporate Line Subscriptions	775,500	776,700
Fixed Line Population Penetration Rate [^]	40.0%	40.3%
Fixed Line Household Penetration Rate	104.9%	105.8%

	JAN	FEB	MAR	APR	MAY	JUN
Mobile Market						
Total Mobile Subscriptions (2G+3G) ²	7,307,300	7,319,700	7,384,600	7,417,400	7,467,800	7,537,000
Total Post-paid Subscriptions (2G)	280,600	273,700	265,200	257,400	249,800	242,300
Total Pre-paid Subscriptions (2G)	2,233,700	2,177,600	2,123,400	2,069,000	2,031,000	1,998,800
Total Post-paid Subscriptions (3G)	3,495,800	3,513,900	3,557,200	3,591,400	3,627,500	3,669,700
Total Pre-paid Subscriptions	1,297,200	1,354,500	1,438,800	1,499,500	1,559,400	1,626,200

	JAN	FEB	MAR	APR	MAY	JUN
ptions (3G)						
Total SMS Messages (2G+3G) 4 <i>[Figures updated on a quarterly basis]</i>	-	-	2,443.9m	-	-	2,439.1m
Total Ported Subscriptions ³	7,500	5,400	6,900	6,200	6,300	7,000
Mobile Population Penetration Rate [^]	143.9%	144.2%	145.5%	146.1%	147.1%	148.5%
Dial-Up Internet Subscriptions						
Total Internet Dial-up	66,400	65,800	64,800	63,400	63,100	62,500
Internet Dial-up Population Penetration Rate [^]	1.3%	1.3%	1.3%	1.2%	1.2%	1.2%
Broadband Internet Subscriptions						
Total Broadband ⁴	7,961,300	8,054,400	8,224,600	8,354,900	8,487,200	8,629,900
Total Residential Broadband	2,261,400	2,284,300	-	-	-	-
Total Residential Wired	-	-	1,190,300	1,201,000	1,206,700	1,220,600

	JAN	FEB	MAR	APR	MAY	JUN
Broadband ⁵						
Total Corporate Broadband	219,600	223,700	-	-	-	-
Total Corporate Wired Broadband ⁶	-	-	80,300	80,800	82,100	82,900
Total xDSL ⁷	564,900	565,900	564,800	567,500	566,600	564,500
Total Cable Modem ⁸	677,500	677,900	681,000	684,500	687,700	695,500
Total Optical Fibre Broadband Subscription (i.e., offered via PON or Active Ethernet) ⁹	-	-	-	-	-	40,300
Total Wireless Broadband ¹⁰	6,702,200	6,791,200	6,954,000	7,073,200	7,198,400	7,326,500
Total Subscribers using other Broadband Internet Access Platforms ¹¹	16,600	19,400	24,800	29,700	34,500	3,300
Household	193.4%	195.3%	-	-	-	-

	JAN	FEB	MAR	APR	MAY	JUN
Broadband Penetration Rate ¹²						
Residential Wired Broadband Household Penetration Rate ¹³	-	-	101.8%	102.7%	103.2%	104.4%
Wireless Broadband Population Penetration Rate ¹⁴	-	-	137.0%	139.3%	141.8%	142.4%
International Telephone Services						
Total number of outgoing retail international telephone call minutes	676,177,900	613,163,600	702,888,100	656,483,200	691,831,000	678,991,700
Total number of outgoing retail international telephone call minutes including transit ¹⁵	1,067,036,300	965,523,700	1,061,845,900	998,173,500	1,015,203,600	996,449,200

** With effect from Mar 2011, more detailed information on wired and wireless broadband access is being published to provide a better picture of the

broadband landscape and demand trends in our market going forward. Further, the figures for the following services were no longer published after March 2011:

- Total Residential Broadband Subscriptions
- Total Corporate Broadband Subscriptions
- Household Broadband Penetration Rate

^Population Penetration rate figures from June 2010 onwards have been re-computed based on the estimated mid-year population figures for 2010 released by the Department of Statistics in Sep 2010. Population Penetration Rate = [Total number of subscriptions/Total Population]

"Household Penetration Rate" is computed by dividing the total residential subscriptions by "Total Households". "Total Households" refers to the total number of residential dwelling units in Singapore. "Household Penetration" rates for Jun 2009-May 2010 and from Jun 2010 onwards have been re-computed based on the estimated mid-year dwelling units figures obtained from the Department of Statistics in Sept 2010 for 2009 and 2010 respectively.

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 "From Nov 2010 to May 2011, the "Total Broadband Subscriptions using other Broadband Internet Access Platforms" included Fibre Broadband subscriptions. With effect from June 2011, this indicator will exclude Fibre Broadband Subscriptions. Instead, Fibre Broadband subscriptions will be reflected under a new and standalone indicator known as "Total Optical Fibre Broadband Subscriptions"."

¹² From Apr 2007, the "Household Broadband Penetration Rate" includes wireless access plans (provided via 3.5G/HSDPA and WiMAX or its equivalent). It excludes subscriptions to 3G and Wi-Fi hotspots. This figure is computed using the total number of residential broadband subscriptions on a per household basis. Please note that this is not reflective of the proportion of households with broadband in Singapore. For a more reflective number, please refer to [IDA's Household Survey findings](#).

¹³ "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](#).

¹⁴ "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.

¹⁵ 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.