

## Statistics on Telecom Services for 2008 (Jan - Jun)

CATEG ORY	JAN	FEB	MAR	APR	MAY	JUN
<b>Fixed Lines<sup>1</sup></b>						
Total Fixed Line Subscriptions	1,860,700	1,861,700	1,861,800	1,862,500	1,863,000	1,862,900
Total Residential Line Subscriptions	1,086,800	1,087,700	1,087,800	1,087,400	1,087,100	1,086,700
Total Corporate Line Subscriptions	773,900	774,000	774,000	775,100	775,900	776,200
Fixed Line Population Penetration Rate	40.6%	40.6%	40.6%	40.6%	40.6%	38.5%
Fixed Line Household Penetration	95.0%	95.1%	95.1%	95.0%	95.0%	94.0%
<b>Mobile Market</b>						
Total Mobile Subscriptions (2G+3G) <sup>2</sup>	5,765,100	5,825,500	5,924,100	5,993,800	6,079,500	6,159,900
Total Post-paid Subscri	1,255,700	1,216,900	1,153,900	1,103,600	1,059,400	1,017,000

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ptions (2G)						
Total Pre-paid Subscri ptions (2G)	2,733,40 0	2,772,90 0	2,849,00 0	2,899,20 0	2,960,10 0	3,006,00 0
Total 3G Subscri ptions <sup>3</sup>	1,776,00 0	1,835,70 0	1,921,200	1,990,90 0	2,060,00 0	2,136,90 0
Total SMS Messag es (2G+3G)	989.91m	1,012.69 m	1,072.36 m	1,060.8 m	1,128.3m	1,050.0m
Mobile Populati on Penetra tion Rate	125.6%	127.0%	129.1%	130.6%	132.5%	127.3%
<b>Paging Services</b>						
Total Paging Subscri ptions <sup>4</sup>	32,200	32,200	29,500	29,500	29,500	26,100
Paging Penetra tion	0.7%	0.7%	0.6%	0.6%	0.6%	0.5%
<b>Dial-Up Internet Subscriptions</b>						
Total Internet Dial-up <sup>5</sup>	1,047,00 0	1,039.30 0	1,031,400	122,400	120,800	117,900
Total Residen tial Internet Dial-up	1,006,90 0	999,900	992,400	83,700	81,500	79,100
Total Corpora te Internet Dial-up	40,100	39,400	39,100	38,700	39,300	38,800

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Internet Dial-up Population Penetration Rate	22.8%	22.7%	22.5%	2.7%	2.6%	2.4%
<b>Broadband Internet Subscriptions</b>						
Total Broadband <sup>6</sup>	3,381,400	3,486,500	3,640,600	3,765,400	3,891,800	4,026,400
Total Residential Broadband	892,100	902,900	925,100	940,500	956,700	989,600
Total Corporate Broadband	81,300	80,100	81,200	82,500	89,400	95,100
Total xDSL	471,100	473,800	481,900	486,800	491,800	497,800
Total Cable Modem	397,500	399,200	404,300	406,800	411,900	415,500
Total Leased Line Broadband	3,800	3,800	3,800	3,800	3,800	3,800
Total Wireless Broadband <sup>7</sup>	2,503,800	2,605,000	2,745,400	2,862,800	2,979,000	3,103,800
Total Subscribers using other Broadband Internet Access Platforms	5,200	4,700	5,100	5,200	5,300	5,600

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Househ old Broadba nd Penetra tion <sup>8</sup>	78.0%	78.9%	80.9%	82.2%	83.6%	85.6%
<b>International Telephone Services</b>						
Total number of outgoin g retail internati onal telepho ne call minutes	423.51 million	427.86 million	447.24 million	464.67 million	468.59 million	478.81 million
Total number of outgoin g retail internati onal telepho ne call minutes includin g transit <sup>9</sup>	591.86 million	597.66 million	640.18 million	665.61 million	687.44 million	700.13 million

"Household Penetration" rates are computed by dividing the total subscriptions by "Total Households". "Total Households" refers to the total number of residential dwelling units in Singapore. "Household Penetration" rates for Jun 2007-May 2008 and from Jun 2008 onwards have been re-computed based on the estimated mid-year dwelling units figures obtained from the Department of Statistics in Oct 2008 for 2007 and 2008 respectively.

All subscriber figures are rounded to the nearest hundred.

All penetration figures are rounded to the nearest decimal point.

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

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

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

<sup>3</sup> With effect from Nov 2007, "Total 3G Subscriptions" includes pre-paid and post-paid 3G subscriptions.

<sup>4</sup> Paging figures from Jan 1999 onwards have been re-computed based on updated data information. With effect from Jul 2004, paging figures will be updated on a quarterly basis every Mar, Jun, Sep and Dec. The figures for Jan, Feb, Apr, May, Jul, Aug, Oct and Nov will not be updated and will reflect the latest quarterly figure.

<sup>5</sup> Prior to 31 March 2008, the "Internet Dial-up Penetration Rate" includes: (i) subscriptions to paid Internet access service for all Internet Access Service Providers, including ISDN dial-up subscriptions; and (ii) subscriptions to free Internet access. With the cessation of free dial-up Internet access offered by service providers by 31 March 2008, the number of dial-up Internet subscriptions only covers paid Internet access subscriptions.

<sup>6</sup> "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).

<sup>7</sup> "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).

<sup>8</sup> 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 subscribers 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](#).

<sup>9</sup> This figure includes total retail outgoing international call minutes as well as transit minutes and includes all Service-Based Operators (**SBO**).