

## Statistics on Telecom Services for 2017 (Jan - Jun)

CATEGORY	MAR	JUN
<b>Fixed Lines<sup>1</sup></b> <i>[Figures updated on a quarterly basis]</i>		
Total Fixed Line Subscriptions	1,998,400	2,000,100
Total Residential Line Subscriptions	1,299,700	1,300,100
Total Corporate Line Subscriptions	698,700	700,000
Fixed Line Population Penetration Rate	35.6%	35.6%
Fixed Line Household Penetration Rate	94.8%	91.5%

	JAN	FEB	MAR	APR	MAY	JUN
<b>Mobile Market</b>						
Total Mobile Subscriptions (2G+3G+4G) <sup>2</sup>	8,398,700	8,403,600	8,459,200	8,466,600	8,459,100	8,461,500
Total Post-paid Subscriptions (2G) <sup>3</sup>	30,300	29,400	25,000	-	-	-
Total Pre-paid Subscriptions (2G) <sup>3</sup>	98,700	95,800	89,700	-	-	-
Total Post-paid Subscriptions (3G)	817,000	806,700	794,400	805,000	787,900	771,200
Total Pre-paid Subscriptions	1,828,500	1,748,200	1,718,600	1,760,900	1,730,500	1,718,500

	JAN	FEB	MAR	APR	MAY	JUN
ptions (3G)						
Total Post- paid Subscri ptions (4G)	4,139,40 0	4,162,20 0	4,224,30 0	4,258,30 0	4,273,10 0	4,295,40 0
Total Pre- paid Su bscripti ons (4G)	1,484,90 0	1,561,300	1,607,100	1,642,40 0	1,667,60 0	1,676,40 0
Total SMS Messag es sent and received over mobile network	-	-	750,862, 300	-	-	711,703,2 00
<i>[Figures updated on a quarterly basis]</i>						
Total Ported Subscri ptions <sup>4</sup>	11,300	10,700	13,300	11,500	11,200	10,700
Mobile Populati on Penetra tion Rate	149.8%	149.9%	150.9%	151.0%	150.9%	150.8%
<b>Dial-Up Internet Subscriptions</b>						
Total Internet Dial-up	10,200	6,900	6,700	6,600	6,400	6,200
Internet Dial-up Populati on Penetra	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%

	JAN	FEB	MAR	APR	MAY	JUN
tion Rate <sup>^</sup>						
<b>Broadband Internet Subscriptions</b>						
Total Broadband <sup>5</sup>	12,570,100	12,600,300	12,698,800	12,925,400	12,839,200	13,058,300
Total Residential Wired Broadband <sup>6</sup>	1,338,000	1,338,100	1,339,800	1,339,500	1,336,500	1,339,700
Total Corporate Wired Broadband <sup>7</sup>	118,400	118,400	121,300	121,000	118,300	122,000
Total xDSL <sup>8</sup>	62,000	59,100	56,800	53,800	50,200	47,600
Total Cable Modem <sup>9</sup>	235,800	229,400	222,300	216,500	209,000	206,600
Total Optical Fibre Broadband Subscription (i.e., offered via PON or Active Ethernet) <sup>10</sup>	1,150,500	1,160,500	1,173,400	1,182,000	1,190,700	1,199,900
Total Wireless Broadband <sup>11</sup>	11,113,700	11,143,700	11,237,700	11,464,900	11,384,300	11,596,500
Total Subscriptions using other Broadband	8,000	7,600	8,600	8,200	4,900	7,700

	JAN	FEB	MAR	APR	MAY	JUN
Internet Access Platforms						
Residential Wired Broadband Household Penetration Rate <sup>12</sup>	97.6%	97.7%	97.8%	97.8%	97.5%	94.3%
Wireless Broadband Population Penetration Rate <sup>13</sup>	198.2%	198.7%	200.4%	204.5%	203.0%	206.6%
<b>International Telephone Services</b>						
Total number of outgoing retail international telephone call minutes	397,160,400	352,023,000	392,552,200	361,389,700	373,695,600	351,563,900
Total number of outgoing retail international telephone call minutes including transit <sup>14</sup>	1,804,107,000	1,683,864,100	1,873,891,000	1,828,776,800	1,717,433,100	1,509,736,800

All figures for subscriptions are rounded to the nearest hundred.

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

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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 both 2G, 3G and 4G subscriptions (including both pre-paid and post-paid). With effect from April 2017, "Total Post-Paid and Pre-Paid Subscriptions (2G) has ceased service and it will only include 3G and 4G subscriptions (including both pre-paid and post-paid).

<sup>3</sup> "Total Post-Paid and Pre-Paid Subscriptions (2G) has ceased service with effect from April 2017.

<sup>4</sup> "Total Ported Subscriptions" refers to the number of subscribers who retained their mobile numbers when they switched to a new mobile operator.

<sup>5</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>6</sup> "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.

<sup>7</sup> "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.

<sup>8</sup> "Total xDSL" includes residential and corporate xDSL subscriptions.

<sup>9</sup> "Total Cable Modem" includes residential and corporate cable modem subscriptions.

<sup>10</sup> "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.

<sup>11</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>12</sup> "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](#).

<sup>13</sup> "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.

<sup>14</sup> 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.