

## Statistics on Telecom Services for 2018 Jan - Jun

CATEGORY	MAR	JUN
<b>Fixed Lines<sup>1</sup> [Figures updated on a quarterly basis]</b>		
Total Fixed Line Subscriptions	1,991,700	1,986,600
Total Residential Line Subscriptions	1,316,100	1,316,000
Total Corporate/Business Line Subscriptions	675,600	670,600
Fixed Line Population Penetration Rate	35.5%	35.2%
Fixed Line Household Penetration Rate	92.6%	90.1%

	JAN	FEB	MAR	APR	MAY	JUN
<b>Mobile Market</b>						
Total Mobile Subscriptions (3G+4G) <sup>2</sup>	8,427,900	8,373,500	8,366,400	8,337,600	8,322,500	8,312,500
Total Post-paid Subscriptions (3G)	637,800	630,000	618,200	612,800	603,900	597,000
Total Pre-paid Subscriptions (3G)	1,631,500	1,538,500	1,499,400	1,486,500	1,467,800	1,416,700
Total Post-paid Subscriptions (4G)	4,461,800	4,480,300	4,505,800	4,519,900	4,564,800	4,592,700
Total Pre-paid Subscriptions (4G)	1,696,800	1,724,600	1,742,900	1,718,500	1,686,000	1,706,100

	JAN	FEB	MAR	APR	MAY	JUN
Descriptions (4G)						
Total Ported Subscriptions <sup>3</sup>	16,400	11,100	14,500	14,800	14,200	14,900
Mobile Population Penetration Rate	150.2%	149.2%	149.1%	148.6%	148.3%	147.4%
<b>Dial-Up Internet Subscriptions</b>						
Total Internet Dial-up	5,800	5,800	5,800	5,700	5,700	5,600
Internet Dial-up Population Penetration Rate <sup>^</sup>	0.1%	0.1%	0.1%	0.1%	0.1%	0.1%
<b>Broadband Internet Subscriptions</b>						
Total Broadband <sup>4</sup>	13,037,800	12,140,400	12,339,900	12,322,300	12,319,700	12,388,300
Total Residential Wired Broadband <sup>5</sup>	1,344,100	1,344,700	1,345,700	1,345,100	1,346,400	1,348,100
Total Corporate Wired Broadband <sup>6</sup>	126,300	128,200	129,800	129,600	130,100	130,600
Total xDSL <sup>7</sup>	29,600	27,300	24,500	19,600	17,700	16,100
Total Cable Modem <sup>8</sup>	176,100	172,600	168,800	165,300	161,300	156,200

	JAN	FEB	MAR	APR	MAY	JUN
Total Optical Fibre Broadband Subscription (i.e., offered via PON or Active Ethernet) <sup>9</sup>	1,254,800	1,263,300	1,271,200	1,278,800	1,287,000	1,295,800
Total Wireless Broadband <sup>10</sup>	11,567,400	10,667,500	10,864,400	10,847,600	10,843,100	10,909,600
Total Subscriptions using other Broadband Internet Access Platforms	10,000	9,800	11,200	10,900	10,500	10,700
Residential Wired Broadband Household Penetration Rate <sup>11</sup>	94.6%	94.6%	94.7%	94.6%	94.7%	92.3%
Wireless Broadband Population Penetration Rate <sup>12</sup>	206.1%	190.1%	193.6%	193.3%	193.2%	193.5%
<b>International Telephone Services</b>						

	JAN	FEB	MAR	APR	MAY	JUN
Total number of outgoing retail international telephone call minutes	320,771,600	284,348,900	317,639,400	308,581,300	313,602,000	300,80000
Total number of outgoing retail international telephone call minutes including transit <sup>13</sup>	1,810,319,500	1,527,995,600	1,647,177,100	1,778,135,800	1,973,238,300	2,041,191,000

All figures for subscriptions are rounded to the nearest hundred.

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

#### Footnotes

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

<sup>4</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>5</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>6</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>7</sup> "Total xDSL" includes residential and corporate xDSL subscriptions.

<sup>8</sup> "Total Cable Modem" includes residential and corporate cable modem subscriptions.

<sup>9</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>10</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). From Jan 2018, the Wireless@SG subscriptions will only include active users for the month.

<sup>11</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>12</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>13</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.