

## Statistics on Telecom Services for 2019 Jan - Jun

CATEGORY	JUN
<b>International Telephone Services</b> <i>[Figures updated on a half-yearly basis]</i>	
Total number of outgoing retail international telephone call minutes	1,366,701,700
Total number of outgoing retail international telephone call minutes including transit <sup>1</sup>	11,233,866,300

	MAR	JUN
<b>Fixed Lines<sup>2</sup></b> <i>[Figures updated on a quarterly basis]</i>		
Total Fixed Line Subscriptions	2,004,600	1,921,200
Total Residential Line Subscriptions	1,307,200	1,298,400
Total Corporate/Business Line Subscriptions	697,400	622,800
Fixed Line Population Penetration Rate	35.6%	33.7%
Fixed Line Household Penetration Rate	89.5%	87.9%

	JAN	FEB	MAR	APR	MAY	JUN
<b>Mobile Market</b>						
Total Mobile Subscriptions (3G+4G) <sup>3</sup>	8,399,400	8,478,300	8,519,900	8,569,500	8,634,100	8,719,900
Total Post-paid Subscriptions (3G)	535,800	532,400	529,500	528,000	526,700	524,700
Total Pre-paid Subscriptions	1,264,400	1,283,700	1,219,600	1,203,800	1,185,900	1,189,400

	JAN	FEB	MAR	APR	MAY	JUN
ptions (3G)						
Total Post-paid Subscriptions (4G)	4,856,200	4,923,700	5,006,900	5,064,400	5,136,800	5,221,000
Total Pre-paid Subscriptions (4G)	1,743,000	1,738,600	1,763,900	1,773,200	1,784,600	1,784,800
Total Ported Subscriptions <sup>4</sup>	22,200	17,200	20,700	22,700	21,400	20,300
Mobile Population Penetration Rate	149.0%	150.4%	151.1%	152.0%	153.1%	152.9%
<b>Broadband Internet Subscriptions</b>						
Total Broadband <sup>5</sup>	11,860,700	11,847,400	11,818,400	11,846,700	11,917,800	12,006,500
Total Residential Wired Broadband <sup>6</sup>	1,370,900	1,372,600	1,376,800	1,380,100	1,382,500	1,382,000
Total Corporate Wired Broadband <sup>7</sup>	122,200	122,500	116,900	121,900	121,400	122,700
Total xDSL <sup>8</sup>	5,100	3,300	3,200	2,400	2,100	2,000
Total Cable Modem <sup>9</sup>	106,900	100,400	89,600	76,900	61,500	44,400
Total Optical	1,377,300	1,387,500	1,396,800	1,418,900	1,436,700	1,454,500

	JAN	FEB	MAR	APR	MAY	JUN
Fibre Broadband Subscription (i.e., offered via PON or Active Ethernet) <sup>10</sup>						
Total Wireless Broadband <sup>11</sup>	10,367,600	10,352,300	10,324,800	10,344,800	10,413,800	10,501,800
Total Subscriptions using other Broadband Internet Access Platforms	3,900	4,000	4,000	3,700	3,700	3,700
Residential Wired Broadband Household Penetration Rate <sup>12</sup>	93.8%	94.0%	94.2%	94.5%	94.6%	93.5%
Wireless Broadband Population Penetration Rate <sup>13</sup>	183.9%	183.6%	183.1%	183.5%	184.7%	184.1%

All figures for subscriptions are rounded to the nearest hundred.

All figures for penetration rates 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> This figure includes total retail outgoing international call minutes as well as transit minutes and includes all Service-Based Operators (**SBO**).

<sup>2</sup> "Fixed Lines" includes Direct Exchange Lines ("**DEL**") and IP Telephony subscriptions using Level '6' numbers.

<sup>3</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>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 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 Wireless@SG subscriptions. From Jan 2018, the Wireless@SG subscriptions will only include active users for the month.

<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 Wireless@SG subscriptions as a percentage of the total population in Singapore.