

## Statistics on Telecom Services for 2019 Jul - Dec

CATEGORY	DEC
<b>International Telephone Services</b> <i>[Figures updated on a half-yearly basis]</i>	
Total number of outgoing retail international telephone call minutes	1,179,375,600
Total number of outgoing retail international telephone call minutes including transit <sup>1</sup>	7,310,878,100

	SEP	DEC
<b>Fixed Lines<sup>2</sup></b> <i>[Figures updated on a quarterly basis]</i>		
Total Fixed Line Subscriptions	1,903,700	1,905,800
Total Residential Line Subscriptions	1,284,200	1,280,900
Total Corporate/Business Line Subscriptions	619,500	624,900
Fixed Line Population Penetration Rate	33.4%	33.4%
Fixed Line Household Penetration Rate	86.9%	86.7%

	JUL	AUG	SEP	OCT	NOV	DEC
<b>Mobile Market</b>						
Total Mobile Subscriptions (3G+4G) <sup>3</sup>	8,802,200	8,831,800	8,878,400	8,906,100	8,944,800	8,985,100
Total Post-paid Subscriptions (3G)	519,800	513,300	504,200	485,700	468,200	467,000
Total Pre-paid Subscriptions (3G)	1,180,000	1,162,500	1,165,500	1,179,600	1,162,100	1,184,100

	<b>JUL</b>	<b>AUG</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>
Total Post-paid Subscriptions (4G)	5,304,800	5,356,500	5,409,100	5,483,600	5,554,600	5,580,100
Total Pre-paid Subscriptions (4G)	1,797,800	1,799,600	1,799,600	1,757,200	1,759,900	1,754,000
Total Ported Subscriptions <sup>4</sup>	22,200	22,000	21,500	21,300	26,900	27,100
Mobile Population Penetration Rate	154.3%	154.8%	155.7%	156.1%	156.8%	157.5%
<b>Broadband Internet Subscriptions</b>						
Total Broadband <sup>5</sup>	12,087,100	12,144,700	12,177,600	12,191,900	12,186,800	12,217,100
Total Residential Wired Broadband <sup>6</sup>	1,381,500	1,375,700	1,375,800	1,368,800	1,370,800	1,372,800
Total Corporate Wired Broadband <sup>7</sup>	123,300	123,300	124,000	124,300	124,500	124,700
Total xDSL <sup>8</sup>	1,900	1,700	1,600	1,400	1,400	1,300
Total Cable Modem <sup>9</sup>	34,000	18,700	12,800	1,300	300	200
Total Optical Fibre Broadband	1,465,200	1,475,100	1,481,600	1,486,600	1,489,800	1,492,200

	<b>JUL</b>	<b>AUG</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>
Subscription (i.e., offered via PON or Active Ethernet) <sup>10</sup>						
Total Wireless Broadband <sup>11</sup>	10,582,300	10,645,700	10,677,800	10,698,800	10,691,600	10,719,600
Total Subscriptions using other Broadband Internet Access Platforms	3,700	3,500	3,800	3,800	3,800	3,800
Residential Wired Broadband Household Penetration Rate <sup>12</sup>	93.5%	93.1%	93.1%	92.6%	92.8%	92.9%
Wireless Broadband Population Penetration Rate <sup>13</sup>	185.5%	186.6%	187.2%	187.6%	187.5%	187.9%

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.