

# ITU World Telecommunication/ICT Indicators Short Questionnaire 2021

## SAMPLE QUESTIONNAIRE

Please complete the Answer and Notes columns in the table below.

Black cells must NOT be completed. Please do NOT modify or delete any of the black cells.

All numerical data must be entered WITHOUT any punctuation, i.e. no apostrophes, commas, spaces, etc.

All financial data (tariffs, revenues, capital expenditure) should be provided in LOCAL currency.

Section	Question
<p><b>CONTACT INFORMATION</b></p> <p>By providing us with your contact information (especially your email address), we will be able to inform you of future questionnaires, the questionnaire results, relevant publications, etc.</p>	<p>Is this the first time you complete the ITU World Telecommunication/ICT</p> <p>Prefix (Mr, Mrs, etc)</p> <p>First name</p> <p>Last name</p> <p>Title</p> <p>Department</p> <p>Organization</p> <p>Address line 1</p> <p>Address line 2</p> <p>Postbox</p> <p>Post code</p> <p>City</p> <p>Phone</p> <p>Fax</p> <p>Email</p> <p>Website</p>
<p><b>ITU World Telecommunication/ICT Indicators</b></p>	<p><b>i112 - Fixed-telephone subscriptions</b></p> <p>Fixed-telephone subscriptions refers to the sum of active number of analogue fixed-telephone lines, voice-over-IP (VoIP) subscriptions, fixed wireless local loop (WLL) subscriptions, ISDN voice-channel equivalents and fixed public payphones.</p> <p><b>i271 - Mobile-cellular telephone subscriptions</b></p> <p>Mobile-cellular telephone subscriptions refers to the number of subscriptions to a public mobile-telephone service that provide access to the PSTN using cellular technology. The indicator includes the number of postpaid subscriptions, and the number of active prepaid accounts (i.e. that have been used during the last three months). The indicator applies to all mobile-cellular subscriptions that offer voice communications. It excludes subscriptions via data cards or USB modems, subscriptions to public mobile data services, private trunked mobile radio, telepoint, radio paging, M2M and telemetry services.</p> <p><b>i271mw - Active mobile-broadband subscriptions</b></p> <p>Active mobile-broadband subscriptions refers to the sum of active handset-based and computer-based (USB/dongles) mobile-broadband subscriptions to the public Internet. It covers actual subscribers, not potential subscribers, even though the latter may have broadband-enabled handsets. Subscriptions must include a recurring subscription fee or pass a usage requirement – users must have accessed the Internet in the last three months. It includes subscriptions to mobile-broadband networks that provide download speeds of at least 256 kbit/s (e.g. WCDMA, HSPA, CDMA2000 1x EV-DO, WiMAX IEEE 802.16e and LTE), and excludes subscriptions that only have access to GPRS, EDGE and CDMA 1xRTT.</p>

<b>ITU World Telecommunication/ICT Indicators</b>	<b>i4213tffb - Fixed-broadband subscriptions</b> <p>Fixed-broadband subscriptions refers to fixed subscriptions to high-speed access to the public Internet (a TCP/IP connection), at downstream speeds equal to, or greater than, 256 kbit/s. This includes cable modem, DSL, fibre-to-the-home/building, other fixed (wired)-broadband subscriptions, satellite broadband and terrestrial fixed wireless broadband. This total is measured irrespective of the method of payment. It excludes subscriptions that have access to data communications (including the Internet) via mobile-cellular networks. It should include fixed WiMAX and any other fixed wireless technologies. It includes both residential subscriptions and subscriptions for organizations.</p>
	<b>i4213_256to2 - 256 kbit/s to less than 2 Mbit/s subscriptions</b> <p>Refers to all fixed-broadband Internet subscriptions with advertised downstream speeds equal to, or greater than, 256 kbit/s and less than 2 Mbit/s.</p>
	<b>i4213_2to10 - 2 Mbit/s to less than 10 Mbit/s subscriptions</b> <p>Refers to all fixed-broadband Internet subscriptions with advertised downstream speeds equal to, or greater than, 2 Mbit/s and less than 10 Mbit/s.</p>
	<b>i4213_G10 - Equal to or above 10 Mbit/s subscriptions</b> <p>Refers to all fixed-broadband Internet subscriptions with advertised downstream speeds equal to, or greater than, 10 Mbit/s.</p>
	<b>i4214u – International bandwidth usage, in Mbit/s</b> <p>Average usage of all international links including fiber-optic cables, radio links and traffic processed by satellite ground stations and teleports to orbital satellites (expressed in Mbit/s). All international links used by all types of operators, namely fixed, mobile and satellite operators should be taken into account. The average should be calculated over the 12-month period of the reference year. For each individual international link, if the traffic is asymmetric, i.e. incoming traffic is not equal to outgoing traffic, then the higher value out of the two should be provided. The combined average usage of all international links can be reported as the sum of the average usage of each individual link.</p>
	<b>i4214l – Lit/equipped international bandwidth capacity, in Mbit/s</b> <p>Total lit/equipped international bandwidth capacity refers to the total lit/equipped capacity of international links, namely fiber-optic cables, international radio links and satellite uplinks to orbital satellites in the end of the reference year (expressed in Mbit/s). If the traffic is asymmetric (i.e. incoming traffic and outgoing traffic is not equal), then the higher value out of the two should be provided.</p>
	<b>i271pop - Percentage of the population covered by a mobile-cellular network</b> <p>Percentage of the population covered by a mobile-cellular network refers to the percentage of inhabitants within range of a mobile-cellular signal, irrespective of whether or not they are subscribers or users. This is calculated by dividing the number of inhabitants within range of a mobile-cellular signal by the total population and multiplying by 100.</p>

<b>ITU World Telecommunication/ICT Indicators</b>	<p><b>i271G - Percentage of the population covered by at least a 3G mobile network</b></p> <p>Percentage of the population covered by at least a 3G mobile network refers to the percentage of inhabitants that are within range of at least a 3G mobile-cellular signal, irrespective of whether or not they are subscribers. This is calculated by dividing the number of inhabitants that are covered by at least a 3G mobile-cellular signal by the total population and multiplying by 100. It excludes people covered only by GPRS, EDGE or CDMA 1xRTT.</p>
	<p><b>i271GA - Percentage of the population covered by at least an LTE/WiMAX mobile network</b></p> <p>Percentage of the population covered by at least an LTE/WiMAX mobile network refers to the percentage of inhabitants that live within range of LTE/LTE-Advanced, mobile WiMAX/WirelessMAN or other more advanced mobile-cellular networks, irrespective of whether or not they are subscribers. This is calculated by dividing the number of inhabitants that are covered by the previously mentioned mobile-cellular technologies by the total population and multiplying by 100. It excludes people covered only by HSPA, UMTS, EV-DO and previous 3G technologies, and also excludes fixed WiMAX coverage.</p>
	<p><b>i135tfb - Fixed- broadband Internet traffic (exabytes)</b></p> <p>Fixed-broadband Internet traffic (exabytes) refers to traffic generated by fixed-broadband subscribers measured at the end-user access point. It should be measured adding up download and upload traffic. This should exclude wholesale traffic, walled garden, IPTV and cable TV traffic.</p>
	<p><b>i136mwi - Mobile-broadband Internet traffic (within the country)</b></p> <p>Mobile-broadband Internet traffic (within the country) refers to broadband traffic volumes originated within the country from 3G networks or other more advanced mobile networks, including 3G upgrades, evolutions or equivalent standards in terms of data transmission speeds. Traffic should be collected and aggregated at the country level for all 3G or more advanced mobile networks within the country. Download and upload traffic should be added up and reported together. Traffic should be measured at the end user access point. Wholesale and walled-garden traffic should be excluded. The traffic should be reported in exabytes.</p>