

**Pakistan: ITU World Telecommunication/ICT Indicators Long Questionnaire 2016**

Section	Indicator	2013	Note	Source	2014	Note	Source	2015	Note	Source
CONTACT	Contact				Pakistan Telecommunication Authority			Pakistan Telecommunication Authority		
FIXED TELEPHONE NETWORK	<b>i112 - Fixed-telephone subscriptions (2015)</b> 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.	6'370'860.00	As per data received from Fixed Line Operators	Pakistan Telecommunication Authority	4'887'814.00	Figures are as on 31st December, 2014 based on data received from Fixed Line Operators.	Pakistan Telecommunication Authority	2'990'954.00	Figure is based on data received from Fixed Line Operators.	Pakistan Telecommunication Authority
	<b>i116 - Percentage of fixed-telephone subscriptions that are residential (2015)</b> Percentage of fixed-telephone subscriptions that are residential refers to the percentage obtained by dividing the number of active fixed-telephone subscriptions serving households (i.e. lines that are not used for business, government or other professional purposes or as public telephone stations) by the number of fixed-telephone subscriptions (Indicator 2) and then multiplying by 100. A household is defined as consisting of one or more people, who may or may not be related to each other, who share accommodation and who make common provision for food. Active subscriptions include all postpaid subscriptions and those prepaid subscriptions that have registered an activity in the past three months.									
	<b>i112IP - VoIP subscriptions (2015)</b> VoIP subscriptions refers to the number of voice-over-Internet protocol (VoIP) fixed-line subscriptions. It is also known as voice over broadband (VoB), and includes VoIP subscriptions through fixed wireless, DSL, cable, fibre optic and other fixed-broadband Internet platforms that provide fixed telephony using IP. It excludes software-based VoIP applications (e.g. VoIP with Skype using computer-to-computer or computer-to-telephone). Those VoIP subscriptions that do not imply a recurrent monthly fee should only be counted if they have generated inbound or outbound traffic within the past three months.									
	<b>i112pt - Fixed-telephone numbers ported (2015)</b> Fixed-telephone numbers ported refers to the number of porting transactions within the fixed-telephone line network that have been carried out for fixed-telephone numbers during the reference year.									
MOBILE CELLULAR NETWORK	<b>i271 - Mobile-cellular telephone subscriptions (2015)</b> 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.	127'737'286.00	As per data received from Cellular Mobile Operators	Pakistan Telecommunication Authority	135'762'031.00	Figures are as on 31st December, 2014 based on data received from Cellular Mobile Operators.	Pakistan Telecommunication Authority	125'899'638.00	Figure is reported after biometric re-verification of SIMs in 2015 by all Cellular Mobile Operators.	Pakistan Telecommunication Authority
	<b>i271p - Prepaid mobile-cellular telephone subscriptions (2015)</b> Refers to the total number of mobile-cellular telephone subscriptions that use prepaid refills. These are subscriptions where, instead of paying an ongoing monthly fee, users purchase blocks of usage time. Only active subscriptions should be included (those used at least once in the last three months for making or receiving a call or carrying out a non-voice activity such as sending or reading an SMS or accessing the Internet).	124'266'723.00	As per data received from Cellular Mobile Operators	Pakistan Telecommunication Authority	133'334'924.00	Figures are as on 31st December, 2014 based on data received from Cellular Mobile Operators.	Pakistan Telecommunication Authority			
	<b>i271m2m - M2M mobile-network subscriptions (2015)</b> M2M mobile-network subscriptions refers to the number of mobile-cellular machine-to-machine subscriptions that are assigned for use in machines and devices (cars, smart meters, consumer electronics) for the exchange of data between networked devices, and are not part of a consumer subscription. For instance, SIM-cards in personal navigation devices, smart meters, trains and automobiles should be included. Mobile dongles and tablet subscriptions should be excluded.				336'128.00	Figures are as on 31st December, 2014 based on data received from Cellular Mobile Operators.	Pakistan Telecommunication Authority			
	<b>i271pop - Percentage of the population covered by a mobile-cellular network (2015)</b> 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.	78		Pakistan Telecommunication Authority	81.5	Figures are as on 31st December, 2014 based on data received from Cellular Mobile Operators.	Pakistan Telecommunication Authority	86	Figure is based on highest coverage reported by an operator plus additional areas covered by the other operators	Pakistan Telecommunication Authority
	<b>i271pt - Mobile-cellular numbers ported (2015)</b> Mobile-cellular numbers ported refers to the number of mobile porting transactions that have been carried out during the reference year.	3'335'282.00	As per data received from Pakistan Mobile Number Portability Database	Pakistan Telecommunication Authority	5'012'946.00	As per data received from Pakistan Mobile Number Portability Database	Pakistan Telecommunication Authority			
INTERNET	<b>i4214u - Used international Internet bandwidth (traffic), in Mbit/s (2015)</b> Used international Internet bandwidth refers to the average traffic load (expressed in Mbit/s) of international fibre-optic cables and radio links for carrying Internet traffic. The average should be calculated over the 12-month period of the reference year, and should take into consideration the traffic of all international Internet links. If the traffic is asymmetric (i.e. more incoming (downlink) than outgoing (uplink) traffic), then the average incoming (downlink) traffic load should be provided. The combined average traffic load of different international Internet links can be reported as the addition of the average traffic load of each link.	109'693.00	As per data received from PTCL and TWA	Pakistan Telecommunication Authority	145'227.40	As per data received from PTCL and TWA	Pakistan Telecommunication Authority	403'253.00	As per data received from PTCL and TWA.	Pakistan Telecommunication Authority
	<b>i4214i - Lit/equipped international Internet bandwidth, in Mbit/s (2015)</b> Lit/equipped international Internet bandwidth refers to the total lit capacity of international fibre-optic cables provisioned to carry Internet traffic, plus the equipped capacity of international radio links provisioned to carry Internet traffic. It should be expressed in Mbit/s. Lit/equipped international Internet bandwidth of transnational operators owning and operating international links should be included, as well as lit/equipped capacity of wholesalers leasing international Internet bandwidth to national Internet service providers. If capacity is asymmetric (i.e. more incoming (downlink) than outgoing (uplink) capacity), then the incoming (downlink) capacity should be provided.	205'229.00	As per data received from PTCL and TWA	Pakistan Telecommunication Authority	310'935.00	As per data received from PTCL and TWA	Pakistan Telecommunication Authority	473'519.00	As per data received from PTCL and TWA	Pakistan Telecommunication Authority

FIXED-BROADBAND BY TECHNOLOGY/SPEED	<b>i4213tffb - Fixed-broadband subscriptions (2015)</b> = previous indicator on fixed (wired)-broadband subscriptions + satellite broadband (i271s) + terrestrial fixed wireless broadband (i271fw). 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.	1'628'105.00	As per data received from Broadband Operators	Pakistan Telecommunication Authority	2'008'684.00	Figures are as on 31st December, 2014 based on data received from Broadband Operators	Pakistan Telecommunication Authority	1'793'199.00	Figure is based on data received from Broadband Operators	Pakistan Telecommunication Authority
	<b>i4213tffb_o - Fixed-broadband subscriptions for organizations (2015)</b> Fixed-broadband subscriptions for organizations refers to the total subscriptions contracted by public and private organizations (i.e. non-residential customers) to access the public Internet at a fixed location at downstream speeds greater than, or equal to, 256 kbit/s. This includes cable modem, DSL, fibre-to-the-home/building and fixed wireless broadband technologies. It excludes residential subscriptions and subscriptions that have access to data communications (including the Internet) via mobile networks.									
	<b>i4213cab - Cable modem Internet subscriptions (2015)</b> Cable modem Internet subscriptions refers to the number of Internet subscriptions using a cable modem service to access the Internet, at downstream speeds greater than, or equal to, 256 kbit/s. Cable modem is a modem attached to a cable television network.	33'184.00	As per data received from Broadband Opertors	Pakistan Telecommunication Authority	41'695.00	Figures are as on 31st December, 2014 based on data received from Broadband Operators	Pakistan Telecommunication Authority			
	<b>i4213dsl - DSL Internet subscriptions (2015)</b> DSL Internet subscriptions refers to the number of Internet subscriptions using digital subscriber line (DSL) services to access the Internet, at downstream speeds greater than or equal to 256 kbit/s. DSL is a technology for bringing high-bandwidth information to homes and small businesses over ordinary copper telephone lines. It should exclude very high-speed digital subscriber line (VDSL) subscriptions if these are provided using fibre directly to the premises.	1'064'003.00	As per data received from Broadband Opertors	Pakistan Telecommunication Authority	1'460'127.00	Figures are as on 31st December, 2014 based on data received from Broadband Operators	Pakistan Telecommunication Authority			
		11'152.00	As per data received from Broadband Opertors	Pakistan Telecommunication Authority	14'892.00	Figures are as on 31st December, 2014 based on data received from Broadband Operators	Pakistan Telecommunication Authority			
		3'827.00	As per data received from Broadband Opertors	Pakistan Telecommunication Authority	5'719.00	Figures are as on 31st December, 2014 based on data received from Broadband Operators	Pakistan Telecommunication Authority			
	<b>i271s - Satellite broadband subscriptions (2015)</b> Satellite broadband subscriptions refers to the number of satellite Internet subscriptions with an advertised download speed of at least 256 kbit/s. It refers to the retail subscription technology and not to the backbone technology.									
	<b>i271fw - Terrestrial fixed wireless broadband subscriptions. (2015)</b> Terrestrial fixed wireless broadband subscriptions refers to the number of terrestrial fixed wireless Internet subscriptions with an advertised download speed of at least 256 kbit/s. This includes fixed WiMAX and fixed wireless subscriptions, but excludes occasional users at hotspots and Wi-Fi hotspot subscribers. It also excludes mobile-broadband subscriptions where users can access a service throughout the country wherever coverage is available.	515'939.00	As per data received from Broadband Opertors	Pakistan Telecommunication Authority	484'251.00	Figures are as on 31st December, 2014 based on data received from Broadband Operators. 3G/4G launched in 2014	Pakistan Telecommunication Authority			
	<b>i4213_256to2 - 256 kbit/s to less than 2 Mbit/s subscriptions (2015)</b> 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.	819'545.00	As per data received from Broadband Opertors	Pakistan Telecommunication Authority	853'571.00	Figures are as on 31st December, 2014 based on data received from Broadband Operators	Pakistan Telecommunication Authority	660'729.00	Figure is based on data received from Broadband Operators	Pakistan Telecommunication Authority
	<b>i4213_2to10 - 2 Mbit/s to less than 10 Mbit/s subscriptions (2015)</b> 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.	222'841.00	As per data received from Broadband Opertors	Pakistan Telecommunication Authority	1'145'157.00	Figures are as on 31st December, 2014 based on data received from Broadband Operators	Pakistan Telecommunication Authority	1'128'417.00	Figure is based on data received from Broadband Operators	Pakistan Telecommunication Authority
	<b>i4213_G10 - Equal to or above 10 Mbit/s subscriptions (2015)</b> Refers to all fixed-broadband Internet subscriptions with advertised downstream speeds equal to, or greater than, 10 Mbit/s.	10'555.00	As per data received from Broadband Opertors	Pakistan Telecommunication Authority	9'956.00	Figures are as on 31st December, 2014 based on data received from Broadband Operators	Pakistan Telecommunication Authority	4'053.00	Figure is based on data received from Broadband Operators	Pakistan Telecommunication Authority
MOBILE BROADBAND	<b>i271G - Percentage of the population covered by at least a 3G mobile network. (2015)</b> 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.	0		Pakistan Telecommunication Authority	33	Figures are as on 31st December, 2014 based on data received from cellular mobile Operators. 3G/4G launched in 2014.	Pakistan Telecommunication Authority	46	Figure is based on data received from mobile broadband operators	Pakistan Telecommunication Authority
	<b>i271GA - Percentage of the population covered by at least an LTE/WiMAX mobile network. (2015)</b> 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.				7	Figures are as on 31st December, 2014 based on data received from cellular mobile operators	Pakistan Telecommunication Authority	16	Figure is based on data received from mobile broadband operators	Pakistan Telecommunication Authority

	<p><b>i271mw - Active mobile-broadband subscriptions (2015)</b> 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>	947'914.00	As per data received from Broadband Operators	Pakistan Telecommunication Authority	9'376'299.00	Figures are as on 31st December, 2014 based on data received from Broadband and cellular mobile Operators	Pakistan Telecommunication Authority	24'495'626.00	Figure is based on data received from mobile broadband operators	Pakistan Telecommunication Authority
	<p><b>i271mb_active - Data and voice mobile-broadband subscriptions (2015)</b> Data and voice mobile-broadband subscriptions refers to subscriptions to mobile-broadband services that allow access to the open Internet via HTTP and in which data services are contracted together with voice services (mobile voice and data plans) or as an add-on package to a voice plan. These are typically smartphone-based subscriptions with voice and data services used in the same terminal. Data and voice mobile-broadband subscriptions with specific recurring subscription fees for Internet access are included regardless of actual use. Prepaid and pay-per-use data and voice mobile-broadband subscriptions should only be counted if they have been used to access the Internet in the last three months. M2M subscriptions should be excluded. The indicator includes subscriptions to mobile 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 lower-speed technologies such as GPRS, EDGE and CDMA 1xRTT.</p>									
	<p><b>i271md - Data-only mobile-broadband subscriptions (2015)</b> Data-only mobile-broadband subscriptions refers to subscriptions to mobile broadband services that allow access to the open Internet via HTTP and that do not include voice services, i.e. subscriptions that offer mobile broadband as a standalone service, such as mobile-broadband subscriptions for datacards, USB modem/dongle and tablets. Data-only mobile-broadband subscriptions with recurring subscription fees are included regardless of actual use. Prepaid and pay-per-use data-only mobile-broadband subscriptions should only be counted if they have been used to access the Internet in the last three months. M2M subscriptions should be excluded. The indicator includes subscriptions to mobile 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 lower-speed technologies such as GPRS, EDGE and CDMA 1xRTT. It excludes data subscriptions that are contracted together with mobile voice services.</p>									
	<p><b>i271mwa - Active subscriptions to LTE/WiMAX mobile-broadband networks (2015)</b> Active subscriptions to LTE/WiMAX mobile-broadband networks refers to subscriptions that have generated Internet traffic in the last 90 days in LTE/mobile WiMAX and other advanced mobile-broadband networks, such as LTE-Advanced and WirelessMAN. It excludes subscriptions having generated Internet traffic only in HSPA, UMTS, EV-DO and previous 3G networks, and also excludes fixed WiMAX subscriptions.</p>									
<b>BUNDLED TELECOMMUNICATION SERVICES</b> <b>Definition of bundled telecommunication service: a bundled telecommunication services is defined as a prepaid or postpaid subscription meeting all of the following criteria: 1) A commercial offer that includes two or more of the following services: fixed telephone, mobile voice, fixed broadband, mobile broadband, pay TV; 2) marketed as a single offer, with a single invoice and with a single price for the set of services included in the bundle; 3) subscribed under conditions that cannot be obtained by adding single play offers together.</b> <b>- Subscriptions to mobile-voice and mobile-broadband bundles: to be reported in i271mb_active</b>	<p><b>i4213_2x - Subscriptions to fixed-broadband and fixed-telephone bundles. (2015)</b> Subscriptions to fixed-broadband and fixed-telephone bundles refers to the number of bundled telecommunication subscriptions including fixed-broadband and fixed-telephone services. Only those subscriptions that meet the criteria established in the definition of bundled telecommunication services should be included. Subscriptions that include additional telecommunication services – such as triple play subscriptions including fixed telephony, fixed broadband and pay TV – should be excluded.</p>	1'198'171.00	Figures are as on 31st December, 2014 based on data received from Fixed Line and Broadband Operators	Pakistan Telecommunication Authority	1'504'136.00	Figures are as on 31st December, 2014 based on data received from Fixed Line and Broadband Operators	Pakistan Telecommunication Authority			
	<p><b>i4213_3x - Subscriptions to fixed-broadband, fixed-telephone and pay-TV bundles. (2015)</b> Subscriptions to fixed-broadband, fixed-telephone and pay-TV bundles refers to the number of bundled telecommunication subscriptions including fixed-broadband, fixed-telephone and pay-TV services. Only those subscriptions that meet the criteria established in the definition of bundled telecommunication services should be included. Subscriptions that include additional telecommunication services – such as quadruple play subscriptions including fixed telephony, fixed broadband, pay TV and mobile voice/data – should not be counted under this indicator.</p>	60'930.00	Figures are as on 31st December, 2014 based on data received from Fixed Line and Broadband Operators	Pakistan Telecommunication Authority	86'983.00	Figures are as on 31st December, 2014 based on data received from Fixed Line and Broadband Operators	Pakistan Telecommunication Authority			
<b>QUALITY OF SERVICE</b>	<p><b>i146u - Mobile-cellular unsuccessful call ratio (%) (2015)</b> Mobile-cellular unsuccessful call ratio refers to the ratio of unsuccessful mobile-cellular calls to the total number of mobile-cellular call attempts in the given year. An unsuccessful call is a call attempt to a valid number, while in a coverage area, where neither the call is answered nor called party busy tone nor ringing tone, is recognized at the access of the calling user within 40 seconds from the instant when the last digit of the destination subscriber number is received by the network. The data should be expressed in per cent.</p>	0.34		Pakistan Telecommunication Authority	0.18	Figures are for the period from 1st January, 2014 to 31st December, 2014 based on data received from Cellular Mobile Operators (Lowest value reported)	Pakistan Telecommunication Authority			
	<p><b>i146d - Mobile-cellular dropped call ratio (%) (2015)</b> Mobile-cellular dropped call ratio refers to the proportion of incoming and outgoing mobile-cellular calls which, once they have been correctly established and therefore have an assigned traffic channel, are dropped or interrupted prior to their normal completion by the user, the cause of the early termination being within the operator's network. The data should be expressed in per cent.</p>	0.8		Pakistan Telecommunication Authority	0.75	Figures are for the period from 1st January, 2014 to 31st December, 2014 based on data received from Cellular Mobile Operators (Lowest value reported)	Pakistan Telecommunication Authority			

	<b>i147i - Service activation time for fixed - broadband service (in days) (2015)</b> Service activation time for fixed broadband service refers to the time from the date of application to date of service activation. The average service activation time of all new applications received within the 12 month reference period should be provided.		5		Pakistan Telecommunication Authority		4	Figures are for the period from 1st January, 2014 to 31st December, 2014 based on data received from fixed broadband Operators (Lowest value reported)	Pakistan Telecommunication Authority						
TRAFFIC	<b>i131m - Domestic fixed-to-fixed telephone traffic, in minutes (2015)</b> Domestic fixed-to-fixed telephone traffic refers to completed local and domestic long-distance fixed-telephone voice traffic. The indicator should be reported as the number of minutes of traffic during the reference year. This should exclude minutes used for dial-up Internet access.	7165591908.00	As per data estimated from Fixed line operators		Pakistan Telecommunication Authority	6693231001.00	Figures are for the period from 1st January, 2014 to 31st December, 2014 based on data received from Fixed line operators	Pakistan Telecommunication Authority							
	<b>i1313wm - Fixed-to-mobile telephone traffic, in minutes (2015)</b> Fixed-to-mobile telephone traffic refers to total traffic from all fixed-telephone networks to all mobile-cellular networks within the country. The indicator should be reported as the number of minutes of traffic during the reference year.	3450452883.00	As per data estimated from Fixed line operators		Pakistan Telecommunication Authority	3454718875.00	Figures are for the period from 1st January, 2014 to 31st December, 2014 based on data received from Fixed line operators	Pakistan Telecommunication Authority							
	<b>i132m - International outgoing fixed-telephone traffic, in minutes (2015)</b> Refers to effective (completed) fixed-telephone voice traffic originating in a given country to destinations outside that country. This should include traffic to mobile phones outside the country. The indicator should be reported in number of minutes of traffic. It excludes calls originating in other countries. It should include VoIP traffic.	292459044.00	As per data estimated from Fixed line operators		Pakistan Telecommunication Authority	177696498.00	Figures are for the period from 1st January, 2014 to 31st December, 2014 based on data received from Long Distance International operators	Pakistan Telecommunication Authority							
	<b>i132mi - International incoming fixed-telephone traffic, in minutes (2015)</b> Refers to effective (completed) fixed-telephone voice traffic originating outside the country with a destination inside the country, irrespective of whether the call was from a fixed or mobile subscriber. It excludes minutes of calls terminating in other countries, but should include VoIP traffic.					306424149.00	Figures are for the period from 1st January, 2014 to 31st December, 2014 based on data received from Long Distance International operators	Pakistan Telecommunication Authority							
	<b>i133wm - Domestic mobile-telephone traffic, in minutes (2015)</b> Domestic mobile-telephone traffic refers to the total number of minutes of calls made by mobile subscribers within a country (including minutes to fixed-telephone and minutes to mobile-phone subscribers).	297073429619.00	As per data estimated from Cellular Mobile operators		Pakistan Telecommunication Authority	370819541992.00	Figures are for the period from 1st January, 2014 to 31st December, 2014 based on data received from cellular mobile operators	Pakistan Telecommunication Authority							
	<b>i1332wmf - Outgoing mobile traffic to fixed networks, in minutes (2015)</b> Refers to the number of minutes of calls made from mobile-cellular networks to fixed-line telephone networks within the country. The indicator refers to the number of minutes originating on mobile networks and terminating on fixed-line telephone networks within the country.	2921952053.00	As per data estimated from Cellular Mobile operators		Pakistan Telecommunication Authority	3756376783.00	Figures are for the period from 1st January, 2014 to 31st December, 2014 based on data received from cellular mobile operators	Pakistan Telecommunication Authority							
	<b>i1333wm - Outgoing mobile traffic to international, in minutes (2015)</b> Outgoing mobile traffic to international refers to the number of mobile minutes originating in a country to any destinations outside that country.	1934732925.00	As per data estimated from Cellular Mobile operators		Pakistan Telecommunication Authority	1922517194.00	Figures are for the period from 1st January, 2014 to 31st December, 2014 based on data received from Long Distance International operators	Pakistan Telecommunication Authority							
	<b>i1335wm - Incoming international traffic to mobile network, in minutes (2015)</b> Incoming international traffic to mobile network refers to the number of incoming minutes (fixed and mobile) received by mobile networks originating in another country.	9708413887.00	As per data estimated from Cellular Mobile operators		Pakistan Telecommunication Authority	5145143378.00	Figures are for the period from 1st January, 2014 to 31st December, 2014 based on data received from Long Distance International operators	Pakistan Telecommunication Authority							
	<b>i133sms - SMS sent (2015)</b> SMS sent refers to the total number of mobile short-message service (SMS) messages sent, both to national and international destinations. This should exclude messages sent from computers to mobile handsets or to other computers.	315748141080.00	As per data estimated from Cellular Mobile operators		Pakistan Telecommunication Authority	308741319285.00	Figures are for the period from 1st January, 2014 to 31st December, 2014 based on data received from Cellular Mobile operators	Pakistan Telecommunication Authority							
	<b>i132i - Total international outgoing telephone traffic, in minutes (2015)</b> Refers to effective (completed) international outgoing minutes of telephone traffic originating from national networks, fixed and mobile, including managed VoIP.	2227191969.00	As per data estimated from Long Distance International operators		Pakistan Telecommunication Authority	2100213692.00	Figures are for the period from 1st January, 2014 to 31st December, 2014 based on data received from Long Distance International operators	Pakistan Telecommunication Authority							
	<b>i132ti - Total international incoming telephone traffic, in minutes (2015)</b> Refers to effective (completed) international incoming minutes of telephone traffic originating outside the country and terminating in national fixed and mobile networks without transit, including managed VoIP.	12542410075.00	As per data estimated from Long Distance International operators		Pakistan Telecommunication Authority	5451567528.00	Figures are for the period from 1st January, 2014 to 31st December, 2014 based on data received from Long Distance International operators	Pakistan Telecommunication Authority							
	<b>i135tbf - Fixed (wired) - broadband Internet traffic (exabytes) (2015)</b> Fixed (wired)- 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. If figures are reported in a different unit from the Exabyte, the unit should be indicated in a note.	473040.94				711531.00	Figures are for the period from 1st January, 2014 to 31st December, 2014 based on data received from Fixed Broadband operators	Pakistan Telecommunication Authority							
	<b>i136mwi - Mobile-broadband Internet traffic (within the country) (2015)</b> 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. If figures are reported in a different unit from the Exabyte, the unit should be indicated in a note.					0.02	Figures are for the period from 1st January, 2014 to 31st December, 2014 based on data received from cellular mobile operators	Pakistan Telecommunication Authority							

	<b>i136mwo - Mobile-broadband Internet traffic (outside the country, roaming out) (2015)</b> Mobile-broadband Internet traffic (outside the country, roaming out) refers to broadband traffic volumes originated outside 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 customers of domestic operators roaming outside the country and using 3G or more advanced mobile networks. 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. Traffic should be reported in exabytes. If figures are reported in a different unit from the Exabyte, the unit should be indicated in a note.								
<b>REVENUE</b> (in local currency at current prices)	<b>i75 - Revenue from all telecommunication services (2015)</b> Revenue from all telecommunication services refers to revenue earned from retail fixed-telephone, mobile-cellular, Internet and data services offered by telecommunication operators (both network and virtual, including resellers) offering services within the country during the financial year under review. It includes retail revenues earned from the transmission of TV signals, but excludes revenues from TV content creation. Data reported should exclude: (i) wholesale revenues (e.g. termination rates), (ii) revenues from device sales and rents, (iii) VAT and excise taxes. Any deviation from the definition should be specified in a note, including clarifications on what TV revenues are included/excluded (e.g. IPTV, cable TV, pay satellite and free-to-air TV).	439520'505'011.00	As per data estimated from all telecom service providers	Pakistan Telecommunication Authority	466476'668'248.00	Figures are for January to December, 2014 as per data reported by all telecom service providers	Pakistan Telecommunication Authority		
	<b>i741 - Revenue from mobile services (2015)</b> Revenue from mobile networks refers to retail revenue earned from the provision of mobile-cellular communication services, including all voice, SMS and data (narrowband and broadband) services offered by mobile operators offering services within the country during the financial year under review. Revenues from value added services (e.g. premium SMS) should be included. Data reported should exclude: (i) wholesale revenues (e.g. termination rates), (ii) revenues from device sales and rents, (iii) VAT and excise taxes. Any deviation from the definition should be specified in a note.	311'144'882'816.00	As per data estimated from Cellular mobile operators	Pakistan Telecommunication Authority	322'230'147'769.00	Figures are for January to December, 2014 as per data reported by all cellular mobile operators	Pakistan Telecommunication Authority		
<b>INVESTMENT</b> (in local currency at current prices)	<b>i81 - Annual investment in telecommunication services (2015)</b> Annual investment in telecommunication services refers to the investment during the financial year made by entities providing telecommunication networks and/or services (including fixed, mobile and Internet services, as well as the transmission of TV signals) for acquiring or upgrading fixed assets (usually referred to as CAPEX), less disinvestment owing to disposals of fixed assets. Fixed assets should include tangible assets, such as buildings and networks, and non-tangible assets, such as computer software and intellectual property. The definition closely corresponds to the concept of gross fixed capital formation, as defined in the System of National Accounts 2008. The indicator is a measure of investment made by entities providing telecommunication networks and/or services in the country, and includes expenditure on initial installations and additions to existing installations where the usage is expected to be over an extended period of time. It excludes expenditure on fees for operating licences and the use of radio spectrum.	600'318'222.00	As per data estimated from all telecom service providers	Pakistan Telecommunication Authority	188'318'208'884.00	Figures are for January to December, 2014 as per data reported by all telecom service providers (1 USD = 104 PKR)	Pakistan Telecommunication Authority		
	<b>i841f - Annual foreign investment in telecommunications (2015)</b> Annual foreign investment in telecommunications refers to investment during the financial year in telecommunication services (including fixed, mobile and Internet services) coming from foreign sources, also referred to as foreign direct investment (FDI).	408'000'000.00	As per data received from State Bank of Pakistan	Pakistan Telecommunication Authority	135'699'200'000.00	Total Inflow during January to December, 2014 as per data reported by State Bank of Pakistan (1 USD = 104 PKR)	Pakistan Telecommunication Authority		
<b>PERSONS EMPLOYED</b>	<b>i51 - Persons employed in full-time equivalents (2015)</b> Persons employed in full-time equivalents refers to the total number of persons, in full-time equivalent (FTE) units, employed by telecommunication operators in the country for the provision of telecommunication services, including fixed-telephone, mobile-cellular, Internet and data services. This indicator excludes staff working in broadcasting businesses that offer only traditional broadcasting services. Part-time staff should be expressed in terms of full-time staff equivalents (FTE).	39'216.00		Pakistan Telecommunication Authority	36'526.00	Figures are as on December, 2014 as per data received from Telecom service providers	Pakistan Telecommunication Authority		
	<b>i51f - Persons employed by all telecommunication operators, female (2015)</b> Refers to the total female, in full-time equivalent (FTE) units, employed by telecommunication operators in the country for the provision of telecommunication services, including fixed, mobile and Internet services. This indicator excludes staff working in broadcasting businesses that offer only traditional broadcasting services.	2'437.00		Pakistan Telecommunication Authority	2'494.00	Figures are as on December, 2014 as per data received from Telecom service providers	Pakistan Telecommunication Authority		
<b>PAY TV</b>	<b>i965IP - IPTV subscriptions (2015)</b> IPTV subscriptions refers to the number of subscriptions to Internet protocol television (IPTV), i.e. TV delivered over an IP-based network managed to support the required level of quality of service, quality of experience, security, interactivity and reliability. This does not include video accessed over the public Internet – for example, by streaming – and subscriptions to over-the-top audiovisual content providers.	69'742.00		Pakistan Telecommunication Authority	107'443.00	Figures are as on December, 2014 as per data received from service providers	Pakistan Telecommunication Authority		
	<b>i965s - Satellite-TV subscriptions (2015)</b> Satellite-TV subscriptions refers to the number of pay direct-to-home (DTH) satellite subscriptions, i.e. pay TV received via a satellite dish capable of receiving satellite television broadcasts. This does not include free-to-air satellite TV.								
	<b>i965cab - Cable-TV subscriptions (2015)</b> Cable-TV subscriptions refers to multichannel TV programming delivered over coaxial cable networks. It includes both analogue and digital cable-TV subscriptions. If the breakdown of analogue/digital cable-TV subscriptions is available, data for each type of cable-TV subscriptions should be specified in a note. It excludes IPTV delivered over cable-TV networks.				74'000'000.00	As per data reported by Pakistan Electronic Media Regulatory Authority	Pakistan Telecommunication Authority		
	<b>i965oth - Other TV subscriptions (2015)</b> Other TV subscriptions refers to pay-TV subscriptions other than IPTV, satellite TV and cable TV. This includes subscriptions to TV platforms such as microwave multipoint distribution systems (MMDS) and pay digital terrestrial television (pay DTT). Free-to-air TV should not be included. The TV platforms corresponding to the data reported should be indicated in a note.								