

International Telecommunication Union DataHub

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Summary

The World Telecommunication/ICT Indicators Database was discontinued in 2024. All the data is now available free of charge on ITU DataHub.

As of right now, SeriesHouseholds and SeriesICTCYBICTDevelopmentIndexITU are not available on this new platform.

For ICTCYBICTDevelopmentIndexITU, the ICT Development Index (IDI) was discontinued in 2018, owing to issues of data availability and quality. However, there is a new ICT Development Index with the data for 2023 and 2024 available at <https://www.itu.int/itu-d/reports/statistics/idi2024/> You can download it where it says "Download the IDI 2024 dataset (Excel)"

Tables In IFs

Tables Originally Pulled From DataHub not World Telecommunication Indicators

Variable	Definition	Years	UsedInPreprocessor	UsedInPreprocessorFileName	Name in Source	Code In Source
ICTTelephoneLinesPer100	Fixed Telephone subscriptions per 100 inhabitants	1990-2023 1		INFRASTRUCTURE	Fixed-telephone subscriptions	391_i91
ICTBroadbandSubscribersPer100ITU	Fixed-broadband subscriptions per 100 inhabitants	1998-2023 1		INFRASTRUCTURE	Fixed-broadband subscriptions	19303_i992b
ICTTelephoneCellSubscribersPer100	Mobile-cellular telephone subscriptions per 100 inhabitants	1990-2023 1		INFRASTRUCTURE	Mobile-cellular subscriptions	392_i911
ICTBroadbandMobileSubsPer100	Broadband Mobile, Mobile cellular subscriptions with access to data communication at broadband speed per 100 inhabitants	2002-2023 1		INFRASTRUCTURE	Active mobile-broadband subscriptions	12066_i911mw
ICTInternetHousehold%	Proportion of households with internet access at home	1995-2023 1		INFRASTRUCTURE	Proportion of households with Internet access at home	12047_xHH6_IDI
ICTComputerHousehold%	Proportion of households with computers at home	1990-2023 1		INFRASTRUCTURE	Proportion of households with a computer	12046_xHH4_IDI
ICTDevelopmentIndexITU	ICT Development Index	2023-2024 0			ICT Development Index (IDI)	ICT Development Index (IDI)

Non-Preprocessors Found in DataHub From World Telecommunication Indicators

Variable	Definition	Name In Source	UsedInPreprocessor	Code In Source
ICTIntlBandwidth	International Internet Bandwidth (mega bits per second)	International Internet Bandwidth	0	i4214
ICTIntlBandwidthPerCap	International Internet bandwidth per Internet user	International Internet bandwidth per Internet user	0	i4214
ICTTelecomInvest	Annual investment in telecommunications		0	i4214
ICTTelevisionHousehold%	Households with television	Cable television subscribers (per 1,000 people)	0	HH%A965_HHTotalHousehold
ICTRadioHousehold%	Percent of households with a radio	Percent of households with a radio	0	HH%A955_HHTotalHousehold
ICTTelecomFemaleStaff	The number of full time telecommunication staff that are female.	The number of full time telecommunication staff that are female.	0	i51f
ICTTelephoneRevMobile	Revenue from mobile communication	Revenue from mobile communication	0	i741\$
EnElecAccess%Households	Proportion of households with electricity	Proportion of households with electricity	0	HH%R1_HHTotalHousehold
ICTTelecomRevTotal	Total revenue from all telecommunication services	Total revenue from all telecommunication services	0	i75\$
ICTTelephoneCellSubscribersPrePaid	Cellular telephone subscribers (Pre-Paid)	Cellular telephone subscribers (Pre-Paid)	0	i271p
ICTBroadbandSubscribersITU	Total Fixed Broadband Subscribers	Total Fixed Broadband Subscribers	0	i4213tfbb
ICTTelephoneTrafficMinutesIntlIncoming	International incoming minutes originating outside the country and terminated in national networks	Total international incoming telephone traffic, in minutes	0	i132ti
ICTTelephoneTrafficMinutesIntlOutgoing	international outgoing minutes originating from national networks	Total international outgoing telephone traffic, in minutes	0	i132t
ICTTelephoneResLines%	Percent of main lines in residences	Percent of main lines in residences	0	i116
ICTInternetCableModemSubscribers	Cable Modem Subscribers	Cable Modem Subscribers	0	i4213cab
ICTTelecomFTStaff	Total full-time telecommunication staff	Total full-time staff employed by telecommunication operators (includes mobile services)	0	i51

Global Cybersecurity Index

Variable	Definition	Name In Source	UsedInPreprocessor	Code In Source
ICTCYBGlobalCybSecIndexITU	ITU Global Cyber Security Index	Global Ranking	0	ITU_GCI_GCI_OVRL_SCORE
ICTCYBGlobalCybSecSubIndexCapacityBuildingITU	ITU Global Cyber Security Index; Sub-Index: Capacity Building	Capacity Building	0	ITU_GCI_CDS_SCORE
ICTCYBGlobalCybSecSubIndexCooperationITU	ITU Global Cyber Security Index; Sub-Index: Cooperation	Capacity Building	0	ITU_GCI_COOP_SCORE
ICTCYBGlobalCybSecSubIndexLegalITU	ITU Global Cyber Security Index; Sub-Index: Legal	Legal	0	ITU_GCI_LEGL_SCORE
ICTCYBGlobalCybSecSubIndexOrganizationalITU	ITU Global Cyber Security Index; Sub-Index: Organizational	Organizational	0	ITU_GCI_ORG_SCORE
ICTCYBGlobalCybSecSubIndexTechnicalITU	ITU Global Cyber Security Index; Sub-Index: Technical	Technical	0	ITU_GCI_TECH_SCORE

Non-Preprocessors From World Telecommunication Indicators; Not Found in ITU DataHub

Variable	Definition	Name In Source	UsedInPreprocessor	UsedInPreprocessorFileName	Code In Source
ICTTelephoneLinesInOperationITU	Telephone lines in operation		0		
ICTPersonalComputers	Personal computers	Personal computers (converted to 1000s)	0		
ICTPersonalComputersInEducation	Personal computers in education	Personal computers installed in education (converted to 1000s)	0		
ICTInternetHostsITU	Internet hosts reported by the ITU	Internet hosts (converted to per 1000 population)	0		
ICTTelevisionSetsper1000	Television Sets	Television Sets (per 1,000 people)	0		
ICTTelephoneMainlinesper1000	Telephone mainlines per 1000 population	Telephone mainlines (per 1,000 people)	0		
ICTTelephoneAutomaticMainLines%	Percent of automatic main lines	No Name in Source	0		
ICTTelephoneLinesUrban%	Percent of main lines in urban areas	Percent of main lines in urban areas	0		
HouseholdsOld	Number of Households in millions	Number of Households	0		
ICTTelephoneIntCallsIn	International incoming telephone traffic-number of calls	International Incoming Telephone Traffic-number of calls	0		
ICTTelephoneIntCallsOut	International Outgoing Telephone Traffic-number of calls	International Outgoing Telephone Traffic	0		
ICTTelephoneCallsLocal	Number of local fixed phone calls	Number of local fixed telephone calls	0		
ICTTelephoneCallsNatLongDistance	Number of national fixed long distance telephone calls	Number of national fixed long distance telephone calls	0		
ICTComputers	Personal computers in use in the country	Number of personal computers in use in the country	0		
PopulationLargestCity	Population of the largest city	Population of the largest city	0		
ICTRadioEquippedHouseholds	Number of households with a radio set	Number of households with a radio set	0		
ICTRadios	The total number of radio sets in use	The total number of radio sets in use	0		
ICTTelecomEquipExports	Exports of telecommunication equipment (US\$)	Exports of telecommunication equipment (US \$)	0		
ICTTelecomEquipImports	Imports of telecommunication equipment (US \$)	Imports of telecommunication equipment	0		
ICTTelevisionEquippedHouseholds	The number of television households that have television receivers.	The number of television households that have television receivers.	0		
ICTTelevisionSets	Number of television sets in use (estimated)	The estimated number of television sets in use.	0		
ICTTelephoneCellSubscribersDigital	Cellular subscribers (Digital)	Subscribers to digital cellular systems	0		
ICTTelephoneCellSubscribersPre&PostPaid	Cellular telephone subscribers (Post-paid + Pre-paid)	Cellular telephone subscribers (Post-paid + Pre-paid)	0		
ICTTelephoneNatTrafficCalls	Total local and long distance national fixed telephone traffic (calls)	Total local and long distance national fixed telephone traffic (calls)	0		
ICTTelephoneNatTrafficMin	Total local and long distance national fixed telephone traffic (minutes)	Total local and long distance national fixed telephone traffic (minutes)	0		
ICTTelephoneSubscribersPer100	Telephone subscribers per 100 inhabitants	Number of telephone subscribers (fixed and mobile) per 100 inhabitants	0		
ICTTelevisionCable	Cable Television Subscribers	The number of cable television subscribers	0		
ICTInternetUsersITU	Total Number of Internet Users (ITU estimate)	Total Number of Internet Users (ITU estimate)	0		
ICTTelephoneLinesInOperation	Number of main (fixed) telephone lines in operation	Number of main (fixed) telephone lines in operation	0		
ICTComputersper100	Number of personal computers per 100 inhabitants	Number of personal computers per 100 inhabitants	0		
ICTTelephoneLinesMajorCityTotal	Telephone lines in the largest city	Telephone mainlines in the largest city	0		
ICTTelephoneLinesPer100old	Fixed telephone lines per 100 inhabitants	Fixed telephone lines per 100 inhabitants	0		
ICTInternetUsersITUper100	Internet users (%)	Internet users (%)	0		
ICTTelephoneLinesPer1000	Telephone Lines (fixed) per 1000 people	Main (fixed) telephone lines per 1000 people	0		
ICTTelephoneLinesPer100NewHouseholds	Fixed telephone lines per 100 inhabitants	Fixed telephone lines per 100 inhabitants	0		
ICTTelephoneFaults	Number of Households in millions	Number of Households	1	INFRASTRUCTURE, POPULATION	162
ICTTelephoneCellConnectFee	Telephone faults per 100 main lines	Telephone faults (per 100 mainlines)	0		1143
ICTTelephoneCellMonthlyCost	Connection fee for cellular telephone service	Cellular connection charge (US\$)	0		1151C\$
ICTTelephonePercentDigital	Monthly fee for cellular telephone service	Cellular monthly subscription (US\$)	0		1152C\$
ICTTelephoneResConnectFee	Telephone lines percent digital	% digital main lines	0		11142
ICTTelephoneResMonthlyCost	Connection fee for residential telephone service	Residential telephone connection charge (US\$)	0		1151\$
ICTInternetISDNChannels	Monthly cost for residential telephone service	Residential monthly telephone subscription (US\$)	0		1152\$
ICTTelephoneBusMonthlyCost	Number of ISDN Channels	Number of ISDN Channels	0		128C
ICTHomeSatelliteAntennas	Monthly cost for business telephone service	Monthly Cost for business telephone service	0		1152B\$
ICTTelephoneCircuits	Number of home satellite antennas that can receive television broadcasting directly form satellites	Number of home satellite antennas that can receive television broadcasting directly form satellites	0		1965S
ICTTelephoneInvest	Number of circuits that directly connect two international exchanges in two different countries.	Number of circuits that directly connect two international exchanges in two different countries.	0		11191
ICTTelephoneCallsMinutesNatLongDistance	Annual investment on equipment for fixed telephone service	Annual investment on equipment for fixed telephone service	0		183\$
ICTPublicPayphones	Number of national fixed long distance telephone minutes	Number of national fixed long distance telephone minutes	0		11312M
ICTTelephoneCellOffPeakCost	Number of public payphones	Number of public payphones	0		11112
ICTTelephoneCellPeakCost	The price of a three minute off-peak rate local call from a mobile cellular telephone	The price of a three minute off-peak rate local call from a mobile cellular telephone	0		1153C0\$
ICTTelephoneMobileInvest	The price of a three minute peak rate local call from a mobile cellular telephone.	The price of a three minute peak rate local call from a mobile cellular telephone.	0		1153C\$
ICTTelephoneLocalOffPeakCost	Capital investment on equipment for mobile communication networks	Capital investment on equipment for mobile communication networks	0		1841M\$
ICTTelephoneRevFixed	Local off peak cost for 3-minute telephone call	Local off peak cost for 3-minute telephone call (US \$)	0		11530\$
ICTPublicSwitchingExchCapacity	Revenue from fixed telephone services	Revenue from fixed telephone services	0		171\$
ICTInternetFixedSubscribers	The maximum number of main lines which can be connected.	The maximum number of main lines which can be connected.	0		1117
ICTInternetFixedSubscribersPer100	Total number of Internet subscribers including dial-up, leased and broadband	Total number of Internet subscribers including dial-up, leased and broadband	0		14213
ICTInternetISDNSubscribersTotal	Total Fixed Internet Subscribers per 100 inhabitants	Total Number of Fixed Internet Subscribers per 100 inhabitants	0		1993
ICTPublicPayphonesper1000	ISDN Subscribers	ISDN Subscribers	0		128
ICTMobileCommStaff	Public payphones per 1000 inhabitants	Number of public payphones per 1000 inhabitants	0		198
ICTTelephoneCallsMinutesLocal	Total number of staff employed by mobile cellular network operator	Total staff refers to mobile operators building infrastructure and not staff employed by resellers	0		151W
ICTTelephoneCellSubscribers	Number of local fixed telephone minute traffic	Number of local fixed telephone minute traffic	0		11311M
ICTTelephoneIntMinIn	Mobile telephone subscribers		0		1271
ICTTelephoneIntMinOut	International incoming telephone traffic	International incoming telephone traffic	0		1132MI
ICTTelephoneCellHousehold%	International outgoing telephone traffic	International outgoing telephone traffic	0		1132M
HouseholdsITU2014	Proportion of households with a mobile cellular telephone	Proportion of households with a mobile cellular telephone	0		XHH3M
ICTInternetDialUpSubscribers	Number of Households in millions	Number of Households	0		162
ICTInternetDSLSubscribers	Dial Up Subscribers	Dial Up Subscribers	0		14213D
ICTTelephoneCellSubscribersPrePaid	Internet subscribers using Digital Subscriber Line (DSL) technology	Internet subscribers using Digital Subscriber Line (DSL) technology	0		14213DSL
ICTTelephoneFaultsClearedNextDay%	Cellular telephone subscribers (Pre-Paid)	Cellular telephone subscribers (Pre-Paid)	0		1271P
ICTTelephoneHousehold%	Percent of faults cleared by next working day	Percent of faults cleared by next working day	0		1141
ICTTelephoneLinesWaitingList	Proportion of households with a fixed-line telephone	Proportion of households with a fixed-line telephone	0		XHH3F
ICTTelephoneLocalPeakCost	Telephone main lines, waiting list size	Telephone mainlines, waiting list	0		1123
ICTTelephoneMobileCov%	Local peak cost for 3-minute telephone call	Cost of a local 3 minute call (peak rate) (US\$)	0		1153\$
ICTInternetISDNSubscribers	Telephones, population covered by mobile telephony	Population covered by mobile telephony (%)	0		1271POP
ICTDigitalAccessIndex	ISDN subscribers	ISDN subscribers per 1000 population	0		
ICTCYBICTDevelopmentSubIndexAccessITU	Digital Access Index	Digital Access Index	0		
ICTCYBICTDevelopmentSubIndexSkillsITU	The ICT Development Index (IDI) is a composite index that serves to monitor and compare developments in information and communication technology (ICT) across countries. The higher the score, the higher the level of development.	IDI Access Sub-Index	0		
ICTCYBICTDevelopmentSubIndexUseITU	The ICT Development Index (IDI) is a composite index that serves to monitor and compare developments in information and communication technology (ICT) across countries. The higher the score, the higher the level of development.	IDI Skills Sub-Index	0		
	The ICT Development Index (IDI) is a composite index that serves to monitor and compare developments in information and communication technology (ICT) across countries. The higher the score, the higher the level of development.	IDI Use Sub-Index	0		

Data Pulling Instructions

Step 1: Go to <https://datahub.itu.int/query/>

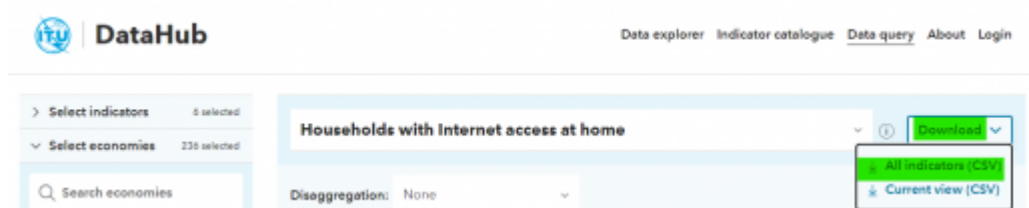
A. Choose the indicators that you need based on the "Name in Source" for each series below.

Variable	Name in Source
ICTInternetHousehold%	Households with Internet access at home
ICTTelephoneLinesPer100	Fixed-telephone subscriptions
ICTBroadbandSubscribersPer100ITU	Fixed-broadband subscriptions
ICTTelephoneCellSubscribersPer100	Mobile-cellular subscriptions
ICTComputerHousehold%	Households with a computer
ICTBroadbandMobileSubsPer100	Active mobile-broadband subscriptions

B. Select all countries.

C. Select years from 1990 to most recent year.

Step 2: Download the data by clicking download all indicators (csv).



Step 3: Sort the data into a format that can be imported into IFs by adding the ITU country concordance. Also sort data by seriesID and seriesCode to ensure the right data. In the DataDict the Source in Code goes like seriesID_seriesCode.

Step 4: For series ICTDevelopmentIndexITU, navigate to <https://www.itu.int/itu-d/reports/statistics/idi2024/> (change the year in link if there is a new update)

Step 5: You can download it where it says "Download the IDI 2024 dataset (Excel)"

Data Notes

Kosovo and Korea, Democratic Republic are not covered in the CTBroadbandSubscribersPer100ITU series.

Inconsistency: There have been variations in the appearance of zeros and nulls for SeriesICTBroadbandSubscribersPer100ITU. The current dataset has nulls, leading to the removal of zeros in the current update for SeriesICTBroadbandSubscribersPer100ITU.

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