

# SPECIAL RELEASE

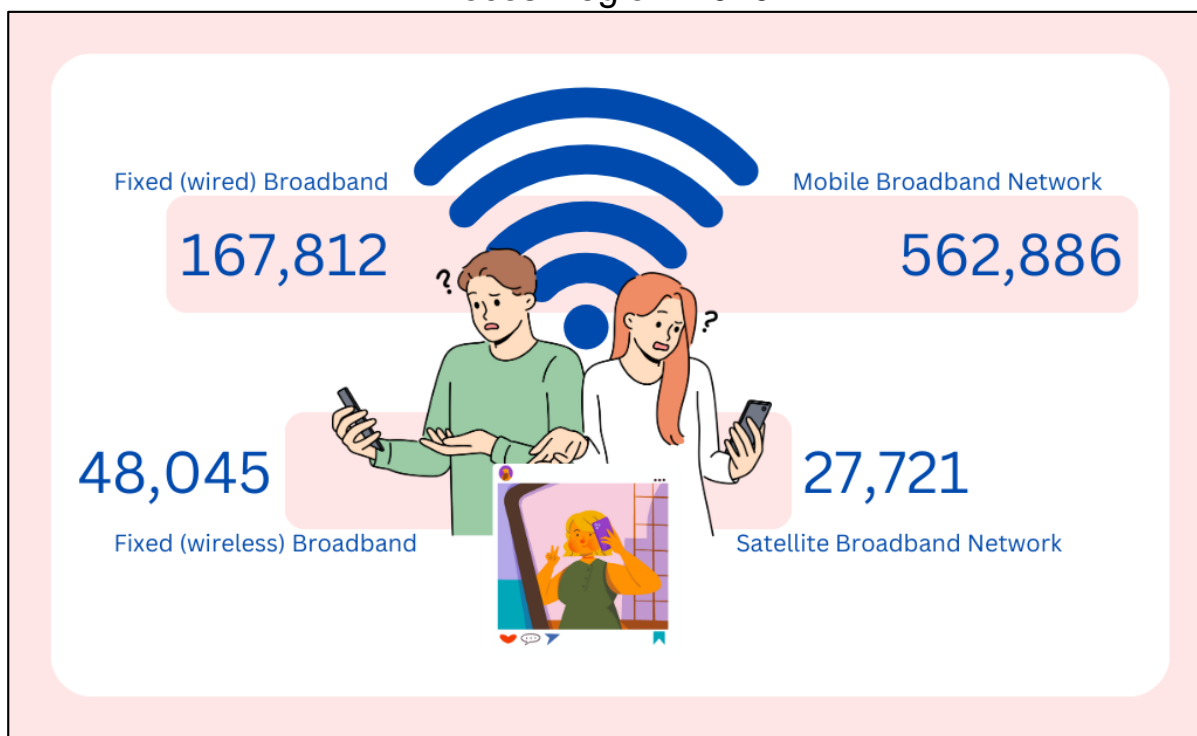
## Household Access to the Internet in the Ilocos Region (2020 Census of Population and Housing)

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Out of the 1,306,170 total number of households in the Region, it has been noted that more than half (725,144 households) had at least one type of internet access in 2020.

In terms of the type of internet connection, 43.1 percent or 562,886 of the total households in the region used mobile broadband network in accessing the internet.

Figure 1: Number of Households by Type of Internet Connection  
Ilocos Region: 2020

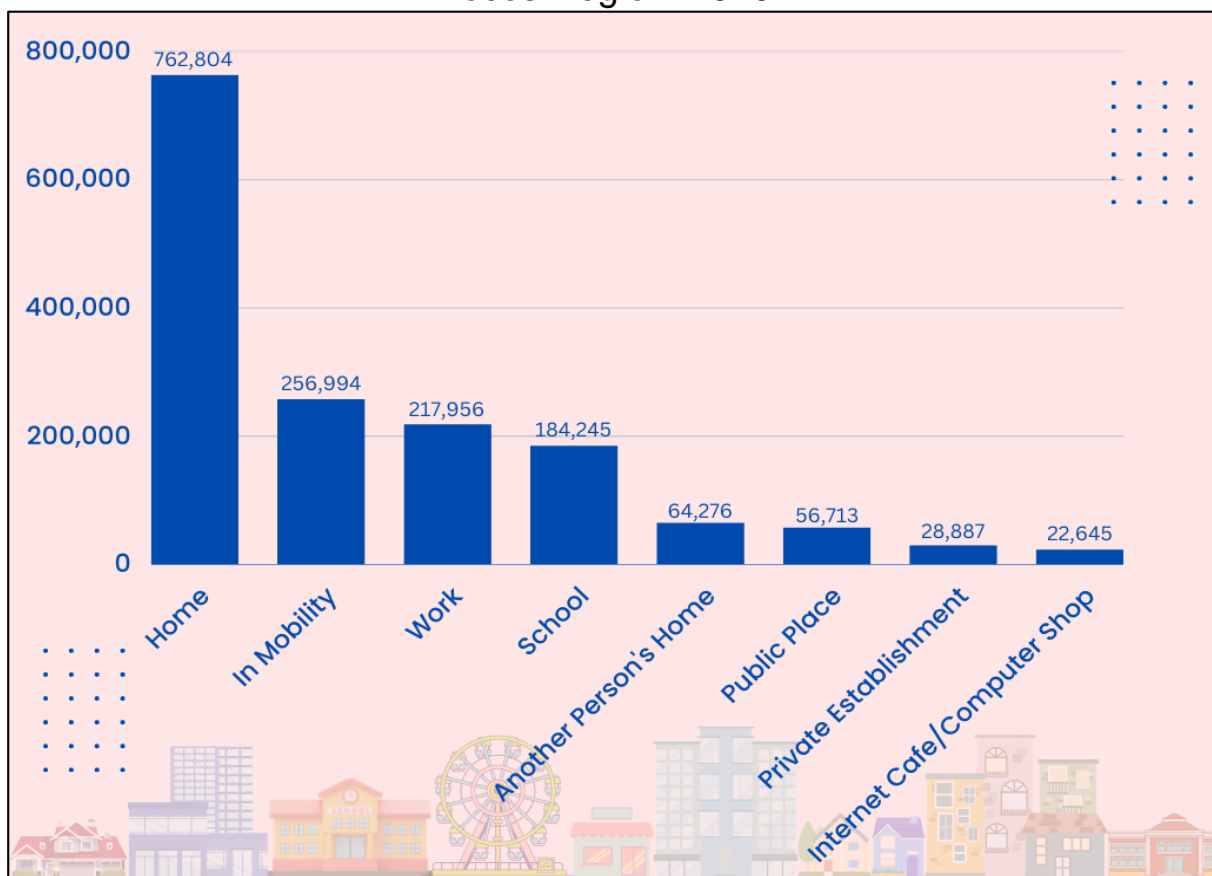


Source: Philippine Statistics Authority, 2020 Census of Population and Housing

For the fixed (wired) broadband, there were 12.8 percent or 167,812 households who reported having this type of internet connection. Meanwhile, 3.7 percent (48,045) and 2.1 percent (27,721) of the total households used fixed (wireless) broadband, and satellite broadband, respectively, as their type of internet connection. (Figure 1)

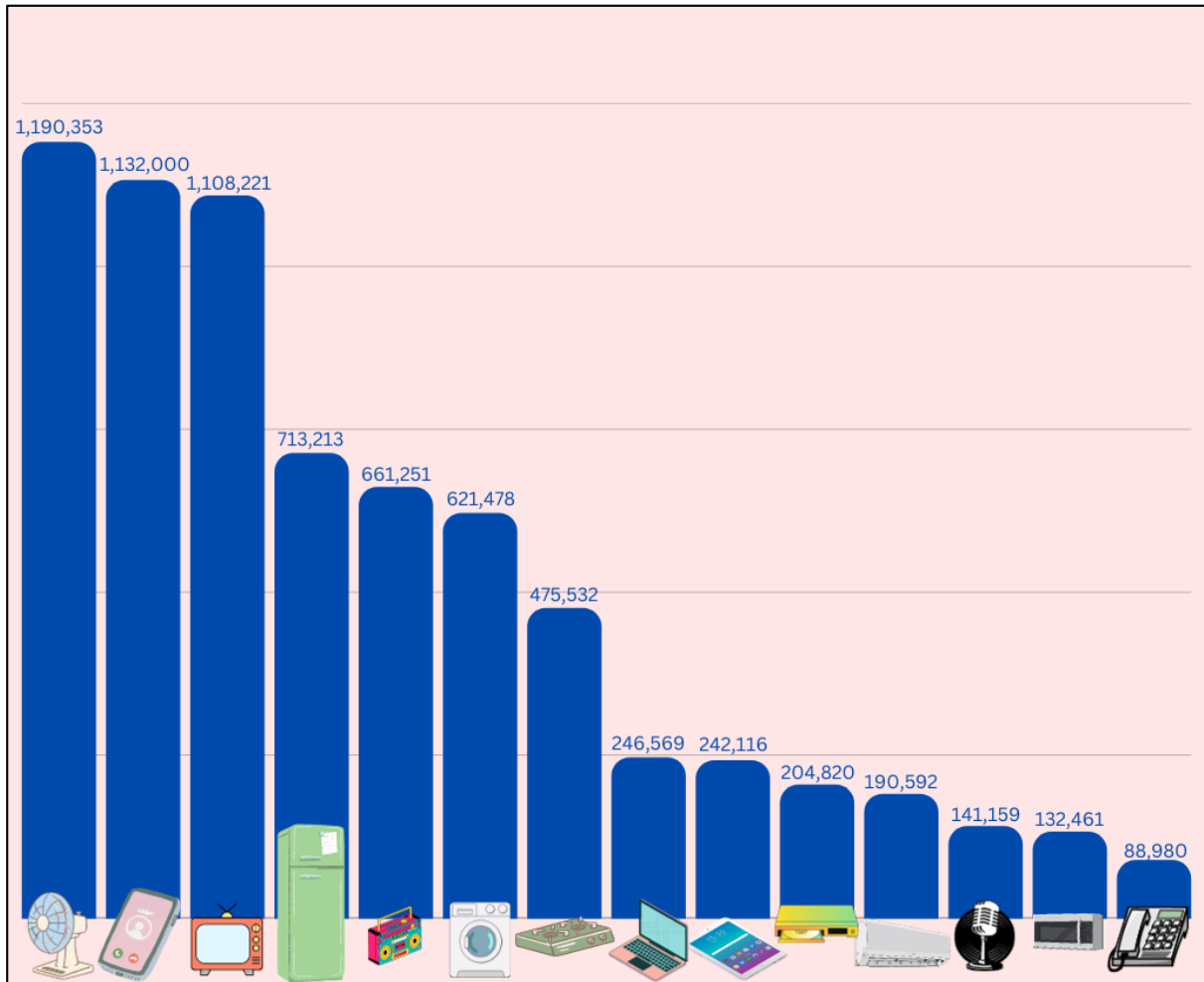
By location, home was where most of the households in the region connects to the internet. It comprised 58.4 percent, equivalent to 762,804 households. It was followed by those households who used internet in mobility with 256,994. Another 217,956 households used the internet in their workplace, while 184,245 were connected at school. The rest of the households where either connect at another person’s home (64,276), public place (56,713), private establishment (28,887), or internet cafe/computer shop (22,645). (Figure 2)

Figure 2: Number of Households using Internet by Location  
Ilocos Region: 2020



Source: Philippine Statistics Authority, 2020 Census of Population and Housing

Figure 3: Household Conveniences/ICT Devices/Vehicles Owned by Households, Ilocos Region: 2020



Note: \*Excludes households enumerated in temporary relocation areas, households enumerated as homeless, and households living in other types of buildings (e.g., bus/trailer, boat, tent, etc.)

Source: Philippine Statistics Authority, 2020 Census of Population and Housing

Electric fan and other cooling equipment was the most commonly found household convenience/ICT device/vehicle in the region, owned by 1,190,353 households. Mobile phone followed with 1,132,000 owner-households, and television with 1,108,221 owner-households. (Figure 3)

## TECHNICAL NOTES

### Concepts and Definitions

#### Household

A social unit consists of a person or a group of persons who sleep in the same housing unit and have a common arrangement in preparing and consuming food.

#### Presence of Household Conveniences/Information and Communication Technology (ICT) Devices/Vehicles

This item provides information on selected housing conveniences, information, and communications technology (ICT) devices, and vehicles, the presence of which in the household indicates the means of communication through which the population can be most easily reached. This also provides a basis for leisure statistics. The presence of vehicles in the household provides data about access to private transport. It can also provide information for the construction of roads/bridges and solution to traffic problems.

In general, the presence of household conveniences/devices can be used as proxy indicators in determining the socio-economic status of the household.

Excluded are household items which have not been in working condition for six months or longer (although intended to be repaired).

Also excluded are vehicles (car/jeep/van/truck, motorcycle/motor scooter/ tricycle, bicycle/pedicab, motorized banca/boat or nonmotorized banca/boat) which are used exclusively for business purposes.

## Internet Access and Use

Information on this item could be used by the government and the private sector for planning purposes, that is, to enable wider and improved delivery of services and to assess its impact on the society. This item is concerned with determining the access and use of internet by households.

The **internet** is a worldwide public computer network. It provides access to a number of communication services, including the World Wide Web and carries e-mail, news, entertainment, and data files, irrespective of the device used.

**Internet access** refers to the ability of the household to connect to the public Internet. The internet connection(s) should be working at the time of visit. The types of internet connection are the following:

a. Fixed (wired) narrowband/broadband network

This includes internet connection via Digital Subscriber Line (DSL), cable modem, high speed leased lines, fiber-to-thehome/building, powerline, and other fixed (wired) broadband. It also includes analogue modem (dial-up via standard telephone line) and Integrated Services Digital Network (ISDN).

This kind of network access is commonly provided by Internet Service Providers (ISP) such as Smart/Globe Telecommunications, PLDT Home, BayanDSL, SKYBroadband, Cablelink, and others.

If there is a WiFi access available inside the home to redistribute a fixed (wired) broadband signal, the answer in this item should be "Yes".

b. Fixed (wireless) broadband network

This includes WiMAX and fixed Code Division Multiple Access (CDMA).

c. Satellite broadband network

The main medium of transmission is a broadband two-way satellite transfer system which provides good access to the internet in even the least accessible areas.

Some of the common Satellite Broadband Service Provider are We Are IT Philippines Inc., WIT Philippines, Inc. (WIT), AZ Communications Network, Inc., TS2 SPACE, Bell Telecommunication Philippines, Inc. (BellTel), Jason Electronics Philippines Co., Inc. and others.

d. Mobile broadband network

This includes internet connection via a handset, a card (for example, integrated Subscriber Identity Module or SIM card in a computer) or USB modem.

## Internet Use

The members should have used the Internet from any of the following locations in the last three months.

a. Home

The Internet should be generally available for use by all members of the household at any time, regardless of whether it is actually used.

b. Work

If the member/s' workplace is located at home, then the answer should be "Yes" to the home category only.

c. School

This only applies to students. Teachers and others who work at school should report "Work" as the place of internet use. If a school is also made available as a location for general public internet use, such use should be reported in the category "Public place".

d. Another person's home

Refers to internet use at the home of a friend, relative or neighbor.

e. Public Place

Refers to internet use at community facilities such as public library, publicly provided internet kiosks, non-commercial telecentres, digital community centers, post offices and other government agencies, MRT, and others.


f. Private establishment

Refers to internet use at publicly available commercial facilities such as hotel, coffee/tea shop, restaurant, and others.

g. Internet café/computer shop

h. In mobility

Use of the Internet while mobile, via a mobile cellular telephone (including devices with mobile telephone functionality) or other mobile access devices, for example, a laptop computer, tablet or other handheld device connected to a mobile phone network.

  
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