

November 2021 NTIA Internet Use Survey

Draft for Public Comment

Note: Questions Subject to Change Based on Testing and Comments Received

CMPINT This month we are asking some additional questions about the Internet, as well as computers, mobile phones, tablets, and other devices that connect to the Internet. All households First, we will ask what types of computers and other devices [you/members of your household] currently use. Please focus on devices [you/members of your household] currently have access to, and have used at least occasionally during the past six months. We are interested in devices used at any location, whether at home, work, school, a library, or anywhere else.

DESKTP [Do you/Does anyone in this household, including you,] use a desktop computer at least occasionally? Include any desktop computers [you/members of your household] currently have access to and have used during the past six months. *(If needed)* A desktop is a personal computer that is too large or heavy to be frequently moved from place to place. *(If yes & is multi-person household)* Who is that?

Enter persons by line number (1-16)

LAPTOP What about a laptop? [Do you/Does anyone in this household] use a laptop computer? *(If needed)* A laptop is a personal computer that is portable and includes a built-in keyboard and screen. *(If yes & is multi-person household)* Who is that?

Enter persons by line number (1-16)

TABLET What about a tablet or e-book reader, such as an iPad or Kindle? *(If needed)* A tablet or e-book reader is a personal computer that is portable and has a built-in screen, but does not have a built-in physical keyboard. *(If yes & is multi-person household)* Who is that?

Enter persons by line number (1-16)

MPHONE What about a smartphone, or a cell phone that connects to the Internet? *(If needed)* [Do you/Does anyone in this household] use a smartphone? *(If yes & is multi-person household)* Who is that?

Enter persons by line number (1-16)

WEARAB [Do you/Does anyone in this household] use a wearable device that is connected to the Internet, such as a smart watch or fitness band? Examples include an Apple Watch or Fitbit. *(If yes & is multi-person household) Who is that?*

All households

Enter persons by line number (1-16)

TVBOX [Do you/Does anyone in this household] use a smart TV, a game or video system, or another device that connects to the Internet and plays through a TV? Examples include an Xbox, Apple TV, PlayStation, Roku, or a Blu-Ray player that can access the Internet. *(If yes & is multi-person household) Who is that?*

All households

Enter persons by line number (1-16)

If any (DESKTP LAPTOP TABLET MPHONE WEARAB TVBOX)[1-16] == 1 (anyone in the household uses any device), go to DEVQUA

Else go to INTINT

DEVQUA Thinking about all the different devices we just discussed, how well do the computers and other Internet-connected devices [you use/used by this household] work overall? Please do not include home Wi-Fi routers or similar equipment.

Households w/
any device use

Read and select best match; if respondent is unsure, ask for an average

- (1) They do not work at all
- (2) They rarely work well
- (3) They somewhat work
- (4) They work well
- (5) They work perfectly

DEVSTA During the last six months, how often were [you/members of your household] unable to use a computer or other Internet-connected device because it was in use by someone else, located elsewhere, or otherwise inaccessible?

Households w/
any device use

Read and select best match

- (1) Never
- (2) During one or two days
- (3) During three or four days
- (4) During five or six days
- (5) During seven or more days

INTINT Next, we will ask where [you/members of your household] currently use the Internet. Please focus on places where [you/members of your household] have used the Internet at least occasionally during the past six months. People can use the Internet in many places, such as at work, school, or a library. Internet use includes a wide variety of activities, from checking email or browsing the Web to watching videos or using mobile apps. We are interested in all forms of Internet use on all devices, including the ones we just discussed.

All households

INHOME [Do you/Does anyone in this household, including you,] use the Internet at home? This includes accessing the Internet with a cell phone, computer, tablet, or other device. *(If yes & is multi-person household) Who is that?*

All households

Enter persons by line number (1-16)

**If any PEMLR[1-16] == 1 or 2 (anyone in the household is employed), go to INWORK
Else go to INSCHL**

INWORK What about at work? [Do you/Does anyone in this household] use the Internet at work? Do not include work from home. *(If yes & is multi-person household) Who is that?*

HHs w/ at least 1 employed person

Enter persons by line number (1-16)

INSCHL What about at school? [Do you/Does anyone in this household] use the Internet at school? Please [only include use at school as a student/count students only], and do not include taking online classes from a location other than a school campus. *(If yes & is multi-person household) Who is that?*

All households

Enter persons by line number (1-16)

INCAFE What about at a coffee shop or other business that offers Internet access? *(If needed)* [Do you/Does anyone in this household] use the Internet while at a coffee shop or other business that offers Internet access? *(If yes & is multi-person household) Who is that?*

All households

Enter persons by line number (1-16)

INTRAV What about while going from one place to another? Examples include using the Internet while riding public transit, or using the GPS on your cell phone while driving. *(If needed)* [Do you/Does anyone in this household] use the Internet while going from one place to another? *(If yes & is multi-person household) Who is that?*

All households

Enter persons by line number (1-16)

INLICO What about at a library, community center, park, or other public place? *(If needed)* [Do you/Does anyone in this household] use the Internet at a library, community center, park, or other public place? *(If yes & is multi-person household)* Who is that?

All households

Enter persons by line number (1-16)

INELHO What about at someone else's home? *(If needed)* [Do you/Does anyone in this household] use the Internet at someone else's home? *(If yes & is multi-person household)* Who is that?

All households

Enter persons by line number (1-16)

INOTHR [Do you/Does anyone in this household] use the Internet at some other location we haven't covered? *(If yes & is multi-person household)* Who is that?

All households

Enter persons by line number (1-16)

**If HRNUMHOU > 1 & (total persons where any IN* == 1) < HRNUMHOU (this is a multi-person household and not everyone was reported as using the Internet), go to NETCHK
Else if any IN*[1-16] == 1 (anyone goes online anywhere), go to TCHINT
Else go to NONINT**

NETCHK Based on your responses, it sounds like *(list names where all IN* != 1)* [does/do] not use the Internet. [Does/Do] [he/she/these people in your household] use the Internet from any location, and for any purpose? *(If additional users)* Who uses the Internet from any location, and for any purpose?

Multi-person
HHs reporting
any non-Internet
users

Fill appropriate lines if necessary; locations of use will be allocated

**If any IN*[1-16] or NETCHK == 1 (anyone goes online anywhere), go to TCHINT
Else go to NONINT**

TCHINT Next, we are interested in learning about the specific technologies households use to go online. Please focus on how your household as a whole connects to the Internet.

HHs w/ any
Internet users,
any location

MOBDAT [Do you/Does anyone in this household] access the Internet using a data plan for a cell phone, smartphone, tablet, mobile hotspot, or other device? This type of Internet service is provided by a wireless carrier, and may be part of a package that also includes voice calls from a cell phone or smartphone.

HHs w/ any
Internet users,
any location

- (1) Yes
- (2) No

If any INHOME[1-16] == 1 & MOBDAT == 1 (anyone goes online at home and household has a mobile data plan), go to HMINT1

Else if INHOME[1-16] == 1 & MOBDAT == 2 (anyone goes online at home but household does not have a mobile data plan), go to HMINT2

Else go to USEINT

HMINT1 In addition to [your/your household's] mobile Internet service or data plan, we are interested in whether [you/your household] also use[s] any other type of Internet service when at home.

HHs w/ any
home Internet
users &
MOBDAT == 1

Go to HOMTE

HMINT2 You mentioned that [you/someone in this household/members of this household] use[s] the Internet at home.

HHs w/ any
home Internet
users &
MOBDAT == 2

HOMTE I am going to read a list of ways that people access the Internet from their homes, **other than a mobile data plan**. At home, [do you/does anyone in this household] access the Internet using:

HHs w/ any
home Internet
users

Read and select all that apply

- (1) High-speed Internet service installed at home, such as cable, DSL, or fiber-optic service? *(If needed)* This type of Internet service is often provided by a cable company or phone company. **(Go to HNETQL)**
- (2) Satellite Internet service? *(If needed)* This type of Internet service is received through a satellite dish installed at home. **(Go to HNETQL)**
- (3) Dial-up service? **(Go to HNETQL)**
- (4) Some other service? **(Go to TEOTHR)**
- (5) *(Do not read)* None **(Go to HNETQL)**

TEOTHR What other service?

HHs w/ any
home Internet
users &
HOMTE4 == 1

Enter verbatim response

HNETQL In [your/your household's] experience over the past six months, does your [household's] Internet connection at home fill [your/the household's] needs, including for speed, reliability, and, if applicable, data caps?

HHs w/ any home Internet users

(1) Yes
(2) No

HNETST At any point during the past six months, did [you/this household] temporarily lose a home Internet connection due to difficulty paying?

HHs w/ any home Internet users

(1) Yes
(2) No

Random age 15+ Internet user in household (any IN*[1-16] or NETCHK == 1 & PRTAGE >= 15) selected for questions EMAIL-HOMIOT.
If all Internet users are under 15 years old, skip to MEDINT.

USEINT We are interested in learning about the applications and services people commonly use with the Internet. *[(If is multi-person household) We have randomly selected one member of your household for this section.]* Consider how [you personally/NAME] currently use[s] the technologies we've been discussing, whether at home or any other location. Please focus on activities [you have/NAME has] done online at least occasionally during the past six months, using an Internet-connected device such as a computer, tablet, or cell phone.

Random respondents

EMAIL [Do you/Does NAME] use email?

Random respondents

(1) Yes
(2) No

TEXTIM What about texting or instant messaging? [Do you/Does NAME] text or use instant messaging?

Random respondents

(1) Yes
(2) No

SOCIAL What about using social networks, such as Facebook, Twitter, or Instagram? *(If needed)* [Do you/Does NAME] use social networks?

Random respondents

(1) Yes
(2) No

GAMING What about playing video games online, whether on a smartphone, console, PC, or any other computing device? *(If needed)* [Do you/Does NAME] use the Internet to play video games?

Random
respondents

- (1) Yes
- (2) No

CONFER In the past six months, [have you/has NAME] participated in video or voice calls or conferencing over the Internet, such as with Skype, FaceTime, or Zoom? *(If needed)* [Do you/Does NAME] participate in video or voice calls or conferencing?

Random
respondents

- (1) Yes
- (2) No

VIDEO What about streaming or downloading videos? [Do you/Does NAME] watch videos over the Internet? Examples include YouTube and Netflix.

Random
respondents

- (1) Yes
- (2) No

AUDIO What about streaming or downloading music, radio programs, or podcasts? *(If needed)* [Do you/Does NAME] listen to music, radio programs, or podcasts using the Internet?

Random
respondents

- (1) Yes
- (2) No

PUBLISH What about posting or uploading blog posts, original videos, or other content that [you/NAME] created? Do not include photos or videos taken for personal use and shared to social media. *(If needed)* [Do you/Does NAME] publish or upload original content that [you/NAME] created to the Internet?

Random
respondents

- (1) Yes
- (2) No

**If PEMLR[selected respondent] == 1 or 2 (respondent is employed), go to TELEWK
Else go to JOBSCH**

TELEWK [Do you/Does NAME] use the Internet to telecommute or work while away from [your/his/her] usual workplace, such as working from home?

Employed
random
respondents

- (1) Yes
- (2) No

- JOBSCH** In the past six months, [have you/has NAME] used the Internet to search or apply for a job? *(If needed)* [Do you/Does NAME] use the Internet to search or apply for a job?
- Random respondents
- (1) Yes
(2) No
- EDTRAI** What about online classes or job training? *(If needed)* [Do you/Does NAME] use the Internet for educational classes or job training?
- Random respondents
- (1) Yes
(2) No
- EGOVTS** What about accessing government services, such as registering to vote or renewing your driver's license? *(If needed)* [Do you/Does NAME] use the Internet to access government services?
- Random respondents
- (1) Yes
(2) No
- USESVC** What about requesting services provided by other people, for example hailing a ride using Uber, ordering food using DoorDash or Instacart, reserving a room through Airbnb, or requesting a home repair through Angie's List? *(If needed)* [Do you/Does NAME] use the Internet to request services provided by other people?
- Random respondents
- (1) Yes
(2) No
- ESRVCS** What about offering [your/his/her] own services for sale via the Internet? Examples include offering rentals on Airbnb and driving for Uber or Lyft. Do not include any goods or possessions sold online, such as clothing, shoes, or crafts. *(If needed)* [Do you/Does NAME] offer [your/his/her] own services for sale via the Internet?
- Random respondents
- (1) Yes
(2) No
- ECOMME** In the past six months, [have you/has NAME] used the Internet for online shopping, travel reservations, or other consumer services on the Internet? *(If needed)* [Do you/Does NAME] use the Internet for online shopping, travel reservations, or other consumer services?
- Random respondents
- (1) Yes
(2) No

EGOODS	[Do you/Does NAME] use the Internet to sell goods? Examples include selling items on Etsy or eBay.
Random respondents	(1) Yes (2) No
FINANC	[Do you/Does NAME] use the Internet for financial services such as banking, investing, paying bills online, or sending money to other people? Examples include using your bank's website or app, paying a credit card or utility bill online, or sending money using Venmo or PayPal.
Random respondents	(1) Yes (2) No
VOICEA	What about communicating with a digital assistant, such as Alexa, Siri, or Google Assistant?
Random respondents	(1) Yes (2) No
HOMIOT	What about interacting with household equipment or appliances that are connected to the Internet, such as a connected thermostat, light bulb, or security system? <i>(If needed)</i> [Do you/Does NAME] use the Internet to interact with household equipment or appliances?
Random respondents	(1) Yes (2) No
MEDINT	<i>(If multi-person household)</i> Our remaining questions are about your household as a whole. <i>(All)</i> I'm going to ask a couple of questions about how [you have/your household has] used the Internet for health-related activities during the past six months.
HHs w/ any Internet users, any location	
MEDDOC	[Do you/Does anyone in this household, including you,] communicate with a doctor or other health professional using the Internet?
HHs w/ any Internet users, any location	(1) Yes (2) No
MEDREC	What about accessing health records or health insurance records online? <i>(If needed)</i> [Do you/Does anyone in this household] access health records or health insurance records online?
HHs w/ any Internet users, any location	(1) Yes (2) No

MEDINF [Do you/Does anyone in this household] research health information online, such as with WebMD or similar services?

HHs w/ any
Internet users,
any location

- (1) Yes
- (2) No

MEDMON [Do you/Does anyone in this household] use an electronic health monitoring service that collects and sends data to your doctor or health care provider through the Internet? Examples include connected devices that monitor vital statistics, blood glucose levels, or blood pressure.

HHs w/ any
Internet users,
any location

- (1) Yes
- (2) No

UHHINT *(If multi-person household)* We are interested in learning generally, without identifying specific people, what challenges your household has had while using the Internet.

HHs w/ any
Internet users,
any location

(If single-person household) We are interested in learning what challenges you have had while using the Internet.

PSPRE During the past year, have concerns about privacy or security stopped [you/anyone in this household] from doing any of these activities online:

HHs w/ any
Internet users,
any location

Read and select all that apply

- (1) Conducting financial transactions such as banking, investing, or paying bills online?
- (2) Buying goods or services online?
- (3) Posting photos, status updates, or other information on social networks?
- (4) Expressing an opinion on a controversial or political issue on a blog or social network, or in a forum, email or any other venue?
- (5) Searching for information using a platform such as Google Search, Yahoo Search, Microsoft Bing, or another web search engine?
- (6) *(Do not read)* None of the above

PSCON Overall, what concerns [you/members of this household] the most when it comes to online privacy and security risks?

HHs w/ any
Internet users,
any location

Do not read; select all that apply and/or enter verbatim response if other

- (1) Identity theft
- (2) Credit card or banking fraud
- (3) Data collection or tracking by online services
- (4) Data collection or tracking by government
- (5) Loss of control over personal data such as email or social network profiles
- (6) Threats to personal safety, such as online harassment, stalking, or cyber-bullying
- (7) No concerns
- (8) Other: _____

PSCYBA During the past year, [have you/has any member of your household] experienced an online security breach, identity theft, or a similar crime?

HHs w/ any
Internet users,
any location

- (1) Yes
- (2) No

CBULLY During the past year, has someone ever repeatedly used technologies, such as a smartphone, the Internet, or social media to hurt, harass, intimidate, or embarrass [you/any member of your household, including you]? Some examples of these actions include: Making fun of [you/them], calling [you/them] names, spreading rumors about [you/them] or trying to make others dislike [you/them], or purposefully sharing [your/their] private information, photos, or videos in a hurtful way.

HHs w/ any
Internet users,
any location

- (1) Yes
- (2) No

**If any INHOME[1-16] == 1 (anyone goes online at home), go to TVINT
Else go to NHMINT**

NHMINT You previously mentioned that [you/members of your household] use the Internet in some places, but not at home.

HHs w/ any
Internet users, but
none from home

Go to EVRHOM

NONINT *(If multi-person household)* Our remaining questions are about your household as a whole. We are interested in learning why households such as yours do not use the Internet.

HHs w/o any
Internet users
from anywhere

(If single-person household) For our remaining questions, we are interested in learning why you do not use the Internet.

EVRHOM [Have you/Has anyone in this household] ever used the Internet from home?

HHs w/o any
home Internet
users (1) Yes
(2) No

NOHM What are the reasons why [you/members of your household] do not use the Internet at home?

HHs w/o any
home Internet
users

Read and select all that apply and/or enter verbatim response if other

- (1) Don't need it or not interested
- (2) Can't afford it
- (3) Not worth the cost
- (4) Can use it elsewhere
- (5) Not available in area
- (6) No computing device, or device inadequate or broken
- (7) Online privacy or cybersecurity concerns
- (8) Personal safety concerns
- (9) Household moved or is in the process of moving
- (10) Other: _____

If more than one NOHM response given, go to PRINOH
Else go to LOPRCE

PRINOH Of the reasons you just listed for not going online at home, which [do you/does your household] consider to be the most important?

HHs w/o any
home Internet
users & more
than one NOHM
response

Read previous responses; select best match or enter verbatim response if other

- (1) Don't need it or not interested
- (2) Can't afford it
- (3) Not worth the cost
- (4) Can use it elsewhere
- (5) Not available in area
- (6) No computing device, or device inadequate or broken
- (7) Online privacy or cybersecurity concerns
- (8) Personal safety concerns
- (9) Household moved or is in the process of moving
- (10) Other: _____

LOPRCE At what monthly price, if any, would [you/your household] buy home Internet service?

HHs w/o any
home Internet
users

Enter number in dollars or zero if 'none'

TVINT Our last few questions are about the use of cable TV and satellite TV services not accessed through the Internet.

All households

TRADTV [Do you/Does anyone in this household] subscribe to cable TV or satellite TV? This often requires a cable box or satellite dish. Do not include TV streaming subscriptions, such as Netflix, Sling TV, or Hulu.

All households

- (1) Yes **(End Interview)**
- (2) No **(Go to PREVTV)**

PREVTV [Have you/Has anyone in this household] ever subscribed to cable TV or satellite TV? Do not include TV streaming subscriptions, such as Netflix, Sling TV, or Hulu.

HHs w/o any
cable TV
subscribers

- (1) Yes
- (2) No

NOTV What are the reasons why [you/members of your household] do not subscribe to a service providing access to TV channels?

HHs w/o any
cable TV
subscribers

Read and select all that apply and/or enter verbatim response if other

- (1) Using Internet-based video services instead
- (2) Don't need it or not interested
- (3) Can't afford it
- (4) Not worth the cost
- (5) Can watch at another location
- (6) Can watch using an antenna
- (7) Not available in area
- (8) No television, or television inadequate or broken
- (9) Household moved or is in the process of moving
- (10) Previously experienced poor customer service
- (11) Previously experienced poor quality
- (12) Other: _____