

# N. Mariana Isld. - Broadband Survey 2014

**Central Statistics Division**

Report generated on: October 2, 2019

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# Overview

## Identification

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### ID NUMBER

SPC\_MNP\_2014\_BBS\_v01\_M

## Version

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### VERSION DESCRIPTION

v1.0: Edited Data; anonymous dataset.

### PRODUCTION DATE

2016-02

## Overview

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### ABSTRACT

The original State Broadband Initiative (SBI) was a part of the American Recovery and Reinvestment Act (ARRA), which is more commonly referred to as the Stimulus. The SBI's goal was to create a comprehensive broadband map that covered every state and territory in the United States. The uses of the map are manifold: as a tool for consumers, a centralized compilation of information for the federal and state governments to use in matters of regulation and public policy, and as a trove of data for think tanks and research institutions.

In addition to the mapping aspect of the SBI, there was also a planning component. The goal of the planning section was to create a comprehensive plan to understand the extent of broadband usage and ownership, barriers to adoption, and to create a plan to overcome these barriers and to boost broadband usage through work with nonprofits, local governmental agencies, and public policy advocacy.

For the initial survey in 2011, One Global Economy was selected by the Commonwealth of the Northern Mariana Islands (CNMI) Department of Commerce to fulfill the broadband mapping grant that was awarded to them by the National Telecommunications and Information Administration (NTIA). One Global Economy is a global nonprofit community development organization whose goal it is to help low-income people gain greater access to and utility from broadband Internet connections.

One Global Economy's final deliverable was a comprehensive report that will assess the current state of broadband in CNMI by determining how fast the connections are, what proportion of the population has access to broadband, what proportion of the population subscribes to broadband; identifying the most common barriers to broadband adoption and use; and creating a blueprint towards greater broadband usage with recommendations for the local governments of the three most populated islands: Saipan, Rota, and Tinian, the federal government, local NGOs, local Internet service providers, and the people of CNMI.

The first step in this process was to draw upon the information and maps that the local telecom providers had to share with the entities undertaking the mapping project. These maps showed the approximate reach of where each telecom can offer service, what the maximum advertised upload and download speeds are, and what type of service they offer-DSL or cable, for example. These maps gave us a rough lay of the land and provided us with a good jumping off point for further research.

Using these maps information as a starting point, and drawing upon the knowledge of a local liaison, we were able to hold a series of 14 community meetings and focus groups. The main purpose of these meetings was to help us customize the NTIA's community broadband survey to make it locally relevant, culturally sensitive, and provide us with more detail about the experience of going online for the people of CNMI. For instance, knowing that many young people in CNMI get online at the Mobil Station in Garapan helps get a better understanding of the role of unsecured wireless networks in public places in the online ecosystem of Saipan.

-- Except from 2014 CNMI Broadband Survey Report, Page(s) 1 - 2 -- See Attached.

## KIND OF DATA

Sample survey data [ssd]

## UNITS OF ANALYSIS

- Household Unit

-- Labor Force Information

- Person Unit

-- Internet Access Knowledge

## Scope

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## NOTES

- Household Unit

-- Labor Force Information

- Person Unit

-- Internet Access Knowledge

## Coverage

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## GEOGRAPHIC COVERAGE

National Coverage of the Commonwealth of the Northern Mariana Islands.

The 2014 Broadband Survey was developed to see change from 2011. Most of the questionnaire was the same as the previous one. However, because the CNMI had not had a labor force survey since the 2010 census, CSD decided to add additional variables to assess the current labor force situation. And, in order to obtain sufficient households for labor force participation and unemployment, the sample size was about 4 times as large as the 2011 sample. Also, since the 2011 questionnaire took up many pages, slowing coding and keying, the questionnaire was tightened both for easy of collection, coding and keying, and also to have it conform to regular CSD conventions in questionnaire design.

Hence, the front page contained the geographic identifiers. Then the roster of household members included all members, their relationship to the head, sex, age, educational attainment, and labor force participation. After that, the person selected for the broadband questions followed on the backside of the questionnaire. Only one person was selected for the broadband items.

As in 2011, all residents of CNMI inhabit the three southern islands of Saipan, Tinian, and Rota. The northern islands were once inhabited but have been evacuated due to seismic and volcanic activity (although recently a few people have returned to at least one of them). In 2014, 1,542 surveys were conducted in total, 1,184 with residents of Saipan, 154 with residents of Tinian, and 204 with residents of Rota. Within these units, Saipan had 3,707 people, Tinian had 547, and Rota had 589.

## UNIVERSE

Sample Survey of Occupied Households based on the 2014 Mapping Project.

As in 2011, all residents of CNMI inhabit the three southern islands of Saipan, Tinian, and Rota. The northern islands were once inhabited but have been evacuated due to seismic and volcanic activity (although recently a few people have returned to at least one of them). In 2014, 1,542 surveys were conducted in total, 1,184 with residents of Saipan, 154 with residents of Tinian, and 204 with residents of Rota. Within these units, Saipan had 3,707 people, Tinian had 547, and Rota had 589.

Household Definition - [Insert Here]

## Producers and Sponsors

### PRIMARY INVESTIGATOR(S)

Name	Affiliation
Central Statistics Division	CNMI Department of Commerce

### OTHER PRODUCER(S)

Name	Affiliation	Role
Michael J. Levin	Harvard University	Technical Assistance in Questionnaire Design, Sampling Methodology, Data Processing and Data Analysis

### FUNDING

Name	Abbreviation	Role
State Broadband Initiative, American Recovery and Reinvestment Act	SBI, ARRA	Principal Funding Grant
CNMI Department of Commerce	DOC	Principal Government Agency

## Metadata Production

### METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Central Statistics Division	CSD	CNMI Department of Commerce	Data Collection & Data Processing

### DATE OF METADATA PRODUCTION

2016-07-11

### DDI DOCUMENT VERSION

Version 1.1 - 07/15/2016 - DDI Update

Version 1.0 - 07/11/2016 - DDI Creation

### DDI DOCUMENT ID

DDI\_SPC\_MNP\_2014\_BBS\_v01\_M

# Sampling

## Sampling Procedure (1)

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In 2011, One Global Economy created a survey aimed at understanding factors that influenced broadband access and use based on community input from a series of town hall meetings conducted in local areas throughout the Northern Marianas Islands (CNMI). One Global Economy contracted with JSB Consulting, a locally based survey firm to carry out the survey. JSB Consulting collected the data using recruited enumerators. These local surveyors conducted the surveys in person, in respondents' homes, by asking respondents questions in the respondents' preferred language.

Respondents were selected to be representative of the population of CNMI, which consists of three main islands: Saipan, Tinian, and Rota. JSB Consulting (JSBC), as required under its contract with One Global Economy, selected a total of 867 Household (respondents) on Saipan, 100 on Tinian, and 100 on Rota, for grand total of 1,067 respondents. Although the task order under the contract calls for 1000 respondents, JSBC selected an additional 67 household (respondents) for Saipan to ensure that all areas on the island of Saipan are covered/represented. Selected sample dwellings that appeared vacant (upon survey period) were substituted with another occupied dwelling unit from the listing.

On the island of Saipan, a stratified sampling approach ensured that respondents proportionally represented the geographic distribution of the island's population. JSBC drew the samples by using the geographic boundaries assignment areas (AAs) and the block numbers within the AAs. The AAs and block numbers are the geographic numbers assigned by the U.S. Census Bureau and used in Censuses and Survey operations in the CNMI.

The Central Statistics Division has retained and maintained the same geographic structure since its inception. On Saipan a total of 328 assignment areas (AAs) out of 497 AAs were drawn. From these selected AAs, JSBC then randomly selected specific dwelling units in accordance with the population of those AAs. More dwelling units were drawn from AAs with larger populations, and fewer were drawn from those with smaller populations. Once a dwelling unit was drawn, it was then assigned to the field staff for enumeration.

On Rota and Tinian where only 100 sample subjects on each island were needed, the collections methodology was a straight forward random sample. Since each island has only a little over 600 hundred dwelling units, approximately 1 out of every 6 dwelling units was selected for inclusion in the sample. Tinian and Rota each have only two main villages; on each island, 50 respondents from these main villages were selected for the sample. The collection method used was the "keep right" approach, using the AA and block maps. The "Keep Right" approach is one is working on a block (the smallest geographic unit in data collection boundary) the enumerator/survey takers keep themselves on the right side of the road/boundary from any designated starting point. This prevents any selected house from being missed or going out of the designated boundary. This approach was used to ensure that the field staff does not cross over a certain boundary to cause a problem or any confusion in the process.

With each survey, surveyors noted the location of the respondent's dwelling according to the designated geographic areas. While respondents were also asked to say where they lived, this official designation allowed for more uniform aggregation of the data according to legal boundaries.

The enumerators collected the data at the selected housing units. Coders then coded certain items, and CSD office staff entered the data. For 2011, One Global Economy analyzed the data using SPSS, performing logistic and linear multivariate regression analyses, bivariate correlations, and cross-tabulations to better understand the patterns in the data and the relationships between key variables. Cross-tabulations and bivariate correlations showed the overall distribution of the population in relation to certain factors, and also the general relationship between different variables. Multivariate regression analyses were also used to determine the relationships between relevant variables after controlling for (holding constant) other related factors, and also to assess the statistical significance of these relationships. For example, simple correlations may show that additional years of education and higher income are each directly correlated with broadband adoption in the home. However, since more education and higher income are themselves often related, it is difficult to tell whether it is income or education that plays a more significant role in determining whether a household adopts broadband. A multivariate regression analysis can show whether income or education has a larger and more significant impact on broadband adoption.

-- Except from 2014 CNMI Broadband Survey Report, Page(s) 2 - 3 -- See Attached.

## Sampling Procedure (2)

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The 2014 Broadband Survey was developed to see change from 2011. Most of the questionnaire was the same as the previous one. However, because the CNMI had not had a labor force survey since the 2010 census, CSD decided to add additional variables to assess the current labor force situation. And, in order to obtain sufficient households for labor force participation and unemployment, the sample size was about 4 times as large as the 2011 sample. Also, since the 2011 questionnaire took up many pages, slowing coding and keying, the questionnaire was tightened both for easy of collection, coding and keying, and also to have it conform to regular CSD conventions in questionnaire design.

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-- Except from 2014 CNMI Broadband Survey Report, Page(s) 2 - 3 -- See Attached.

## Deviations from Sample Design

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[Insert Substitution Method]

## Response Rate

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Total Overall Response Rate:  
 CNMI: 96% (1542 / 1600)  
 Saipan: 98% (1184 / 1200)  
 Tinian: 77% (154 / 200)  
 Rota: 102% (204 / 200)

## Weighting

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In order to obtain figures that resembled census numbers, the CSD staff decided to weight the individuals in the sample on the basis of their age and sex. CSD decided that the current population - the population in mid-2014 - was about the same size and structure as the 2010 population of about 54,000. So, staff made two matrices, one 5-year age groups by sex from the Census, and the other 5-year age groups by sex in the broadband survey. Then, each of the census cells was divided by the sample cell to obtain a weight. These weights were then added to the records using a CSDPro edit program.

-- Refer to Attached Report. --

# Questionnaires

## Overview

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Front page - Geographic Information

Page 1 - Household Roster

Page 2 - Broadband Information

Page 3 - Interviewer Reminder

-- Questionnaire sample can be found in the 2014 Broadband Survey Report --

## Data Collection

### Data Collection Dates

<b>Start</b>	<b>End</b>	<b>Cycle</b>
2014-06-01	2014-09-01	N/A

### Data Collection Mode

Face-to-face [f2f]

### Questionnaires

Front page - Geographic Information

Page 1 - Household Roster

Page 2 - Broadband Information

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### Data Collectors

Name	Abbreviation	Affiliation
Central Statistics Division	CSD	CNMI Department of Commerce

### Supervision

Supervision was handled by the Central Statistics Division (CSD) staff. The CSD Staff would supervise both the field team and the data entry team ensuring both quality of field work and the data set.



## Data Processing

### Data Editing

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Data editing:

- a) Office Editing and Coding
- b) Data Entry Verification
- c) Structure Checking and completeness

## Data Appraisal

No content available

## File Description

## Variable List

## ROSTER

Content	Household Roster Information - This file contains data related to the Household Roster page of the questionnaire. It also contains the weighting coefficient, various recoded variables on levels of education, and labor force information.
Cases	0
Variable(s)	16
Structure	Type: Keys: ()
Version	v1.0: clean, edited data
Producer	Central Statistics Division (CSD), Department of Commerce
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1	BROADBAND_ID	Broadband identification	discrete	numeric	A. Sample ID
V2	AA	AA	discrete	numeric	B. AA
V3	BLOCK	Block	discrete	numeric	C. Block
V4	MAP_SPOT	Map spot	discrete	numeric	D. Map Spot
V5	ISLAND	Island	discrete	numeric	E. Island 1. Saipan 2. Tinian 3. Rota
V6	PRECINCT	Precinct	discrete	numeric	F. Precinct
V7	VILLAGE	Village	discrete	numeric	G. Village:
V8	FORM_STATUS	Form status	discrete	numeric	M. Form Status:
V9	PN	Person Number	discrete	numeric	Person Number
V10	RELAT	Relationship	discrete	numeric	Relation
V11	SEX	Sex	discrete	numeric	Sex
V12	AGROUP	Age Group	discrete	numeric	Age
V13	EDUCATION	Education	discrete	numeric	Educational Attainment
V14	LABOR_FORCE	Labor Force	discrete	numeric	Labor force participation
V15	WEIGHT	Weight	discrete	numeric	
V16	WEIGHT2	Weight2	discrete	numeric	

**BB**

Content	Broadband Information - This file contains data related to the Broadband Information page of the questionnaire specifically regarding User Knowledge of Broadband Information. It also contains the weighting coefficient, various recoded variables on levels of education, and labor force information.
Cases	0
Variable(s)	74
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V17	BROADBAND_ID	Broadband identification	contin	numeric	A. Sample ID
V18	AA	AA	discrete	numeric	B. AA
V19	BLOCK	Block	contin	numeric	C. Block
V20	MAP_SPOT	Map spot	contin	numeric	D. Map Spot
V21	ISLAND	Island	discrete	numeric	E. Island 1. Saipan 2. Tinian 3. Rota
V22	PRECINCT	Precinct	discrete	numeric	F. Precinct
V23	VILLAGE	Village	contin	numeric	G. Village:
V24	FORM_STATUS	Form status	discrete	numeric	M. Form Status:
V25	PERSON_NUMBER	Person number	discrete	numeric	Person Number
V26	ETHNICITY	Ethnicity	discrete	numeric	7. Ethnicity:
V27	LANGUAGE	Language	discrete	numeric	1. Language Spoken at Home:
V28	OWN_COMPUTER	Own computer	discrete	numeric	11. At home, do you or any member of this household own or use any of the following computers: 1. Desktop, laptop, netbook, or notebook computer 2. Handheld computer, tablet/iPad, smart mobile phone, other handheld wireless 3. Some other type of computer 4. Do not own a computer
V29	USE_INTERNET	Use internet	discrete	numeric	12. Do you use the internet at all? 1. Yes 2. No
V30	FREQUENCZ	Frequency	discrete	numeric	13. If yes, how often do you use the Internet? 1. Every few months 2. Every few weeks 3. 1 to 2 days a week 4. 3 to 5 days a week 5. Once a day 6. Several times a day 9. Not applicable
V31	AT_HOME	At home	discrete	numeric	14. At home, do you or any member of this household access the Internet? 1. Yes 2. No
V32	HOW_MANY_USE	How many use	discrete	numeric	15. In total, how many people in your household use the Internet?
V33	DIAL_UP	Dial up	discrete	numeric	16a. Do you have broadband (non-dial up internet) in the house? 1. Yes 2. No
V34	PROVIDER	Provider	discrete	numeric	16b. If so, from which provider? 1. Docomo 2. IT & E

V35	SPEED	Speed	discrete	numeric	17. How fast is your high-speed Internet service? If you don't know make your best guess: 1. Less than 200 KBPS (MCV's "Online 'e'" Plan) 2. 200 KBPS to less than 786 KBPS (IT&E's "DSL Lite") 3. 768 KBPS to less than 1.5 MBPS (IT&E's "Nitro" or "Super" plan and MCV's "Online 1.2" Plan) 4. 1.5 MBPS to less than 3 MBPS (IT&E's "Turbo" or "Business" plan and MCV's "Online 1.8" Plan) 5. 3 MBPS to less than 6 MBPS 9. Don't Know
V36	SERVICE_TYPE	Service type	discrete	numeric	18. Via which type of service do you or your household use to access the internet at home? 1. Dial-up service 2. DSL Service 3. Cable modem service 4. Tethering to an internet enabled smart phone 5. Mobile broadband plan for a computer or a cell phone (air card or wireless) Not including wireless home router IF OTHER, what type?
V37	DONT_NEED	Dont need	discrete	numeric	19a. If you DO NOT have broadband internet at home: If you do not have high-speed broadband (faster than dial-up) at home, what is the main reason (check all that apply) a. Don't need it/not interested b. Connection too slow c. Too expensive d. Can use it somewhere else e. Not available in area f. Computer inadequate g. No electricity h. Other reason
V38	CONNECTION_TOO_SLOW	Connection too slow	discrete	numeric	19a. If you DO NOT have broadband internet at home: If you do not have high-speed broadband (faster than dial-up) at home, what is the main reason (check all that apply) a. Don't need it/not interested b. Connection too slow c. Too expensive d. Can use it somewhere else e. Not available in area f. Computer inadequate g. No electricity h. Other reason
V39	TOO_EXPENSIVE	Too expensive	discrete	numeric	19a. If you DO NOT have broadband internet at home: If you do not have high-speed broadband (faster than dial-up) at home, what is the main reason (check all that apply) a. Don't need it/not interested b. Connection too slow c. Too expensive d. Can use it somewhere else e. Not available in area f. Computer inadequate g. No electricity h. Other reason
V40	SOMEWHERE_ELSE	Somewhere else	discrete	numeric	19a. If you DO NOT have broadband internet at home: If you do not have high-speed broadband (faster than dial-up) at home, what is the main reason (check all that apply) a. Don't need it/not interested b. Connection too slow c. Too expensive d. Can use it somewhere else e. Not available in area f. Computer inadequate g. No electricity h. Other reason
V41	NOT_AVAILABLE	Not available	discrete	numeric	19a. If you DO NOT have broadband internet at home: If you do not have high-speed broadband (faster than dial-up) at home, what is the main reason (check all that apply) a. Don't need it/not interested b. Connection too slow c. Too expensive d. Can use it somewhere else e. Not available in area f. Computer inadequate g. No electricity h. Other reason

V42	COMPUTER_INADEQUATE	Computer inadequate	discrete	numeric	19a. If you DO NOT have broadband internet at home: If you do not have high-speed broadband (faster than dial-up) at home, what is the main reason (check all that apply) a. Don't need it/not interested b. Connection too slow c. Too expensive d. Can use it somewhere else e. Not available in area f. Computer inadequate g. No electricity h. Other reason
V43	NO_ELECTRICITY	No electricity	discrete	numeric	19a. If you DO NOT have broadband internet at home: If you do not have high-speed broadband (faster than dial-up) at home, what is the main reason (check all that apply) a. Don't need it/not interested b. Connection too slow c. Too expensive d. Can use it somewhere else e. Not available in area f. Computer inadequate g. No electricity h. Other reason
V44	OTHER_REASON	Other reason	discrete	numeric	19a. If you DO NOT have broadband internet at home: If you do not have high-speed broadband (faster than dial-up) at home, what is the main reason (check all that apply) a. Don't need it/not interested b. Connection too slow c. Too expensive d. Can use it somewhere else e. Not available in area f. Computer inadequate g. No electricity h. Other reason
V45	COMPUTER_COST	Computer cost	discrete	numeric	19b. If cost is an issue that prevents you from having high-speed internet, which costs are you most concerned about (check all that apply)? a. Cost of the computer and/or other hardware (modem) b. Cost of installing internet service c. Cost of monthly internet service d. Cost of electricity e. Some other cost
V46	INSTALLING_COST	Installing cost	discrete	numeric	19b. If cost is an issue that prevents you from having high-speed internet, which costs are you most concerned about (check all that apply)? a. Cost of the computer and/or other hardware (modem) b. Cost of installing internet service c. Cost of monthly internet service d. Cost of electricity e. Some other cost
V47	MONTHLY_COST	Monthly cost	discrete	numeric	19b. If cost is an issue that prevents you from having high-speed internet, which costs are you most concerned about (check all that apply)? a. Cost of the computer and/or other hardware (modem) b. Cost of installing internet service c. Cost of monthly internet service d. Cost of electricity e. Some other cost
V48	ELECTRICITY_COST	Electricity cost	discrete	numeric	19b. If cost is an issue that prevents you from having high-speed internet, which costs are you most concerned about (check all that apply)? a. Cost of the computer and/or other hardware (modem) b. Cost of installing internet service c. Cost of monthly internet service d. Cost of electricity e. Some other cost
V49	SOME_OTHER_COST	Some other cost	discrete	numeric	19b. If cost is an issue that prevents you from having high-speed internet, which costs are you most concerned about (check all that apply)? a. Cost of the computer and/or other hardware (modem) b. Cost of installing internet service c. Cost of monthly internet service d. Cost of electricity e. Some other cost
V50	WILLING_TO_PAY	Willing to pay	contin	numeric	20. What is the most you would be willing to pay for broadband internet per month?



V51	WORKPLACE	Workplace	discrete	numeric	21. Do you or any member of your household access the Internet at any of the following locations outside the home? (Check all that apply) a. Workplace b. School c. Public library d. Community/youth center e. Internet cafe/coffee shop in your area f. Restaurant g. Someone else's house h. Laundromat i. Gas station j. Hotel k. Another place outside the home
V52	SCHOOL	School	discrete	numeric	21. Do you or any member of your household access the Internet at any of the following locations outside the home? (Check all that apply) a. Workplace b. School c. Public library d. Community/youth center e. Internet cafe/coffee shop in your area f. Restaurant g. Someone else's house h. Laundromat i. Gas station j. Hotel k. Another place outside the home
V53	PUBLIC_LIBRARY	Public library	discrete	numeric	21. Do you or any member of your household access the Internet at any of the following locations outside the home? (Check all that apply) a. Workplace b. School c. Public library d. Community/youth center e. Internet cafe/coffee shop in your area f. Restaurant g. Someone else's house h. Laundromat i. Gas station j. Hotel k. Another place outside the home
V54	COMMUNITY_CENTER	Community center	discrete	numeric	21. Do you or any member of your household access the Internet at any of the following locations outside the home? (Check all that apply) a. Workplace b. School c. Public library d. Community/youth center e. Internet cafe/coffee shop in your area f. Restaurant g. Someone else's house h. Laundromat i. Gas station j. Hotel k. Another place outside the home
V55	INTERNET_CAFE	Internet cafe	discrete	numeric	21. Do you or any member of your household access the Internet at any of the following locations outside the home? (Check all that apply) a. Workplace b. School c. Public library d. Community/youth center e. Internet cafe/coffee shop in your area f. Restaurant g. Someone else's house h. Laundromat i. Gas station j. Hotel k. Another place outside the home
V56	RESTAURANT	Restaurant	discrete	numeric	21. Do you or any member of your household access the Internet at any of the following locations outside the home? (Check all that apply) a. Workplace b. School c. Public library d. Community/youth center e. Internet cafe/coffee shop in your area f. Restaurant g. Someone else's house h. Laundromat i. Gas station j. Hotel k. Another place outside the home
V57	SOMEONES_HOUSE	Someones house	discrete	numeric	21. Do you or any member of your household access the Internet at any of the following locations outside the home? (Check all that apply) a. Workplace b. School c. Public library d. Community/youth center e. Internet cafe/coffee shop in your area f. Restaurant g. Someone else's house h. Laundromat i. Gas station j. Hotel k. Another place outside the home

V58	LAUNDROMAT	Laundromat	discrete	numeric	21. Do you or any member of your household access the Internet at any of the following locations outside the home? (Check all that apply) a. Workplace b. School c. Public library d. Community/youth center e. Internet cafe/coffee shop in your area f. Restaurant g. Someone else's house h. Laundromat i. Gas station j. Hotel k. Another place outside the home
V59	GAS_STATION	Gas station	discrete	numeric	21. Do you or any member of your household access the Internet at any of the following locations outside the home? (Check all that apply) a. Workplace b. School c. Public library d. Community/youth center e. Internet cafe/coffee shop in your area f. Restaurant g. Someone else's house h. Laundromat i. Gas station j. Hotel k. Another place outside the home
V60	HOTEL	Hotel	discrete	numeric	21. Do you or any member of your household access the Internet at any of the following locations outside the home? (Check all that apply) a. Workplace b. School c. Public library d. Community/youth center e. Internet cafe/coffee shop in your area f. Restaurant g. Someone else's house h. Laundromat i. Gas station j. Hotel k. Another place outside the home
V61	ANOTHER_PLACE	Another place	discrete	numeric	21. Do you or any member of your household access the Internet at any of the following locations outside the home? (Check all that apply) a. Workplace b. School c. Public library d. Community/youth center e. Internet cafe/coffee shop in your area f. Restaurant g. Someone else's house h. Laundromat i. Gas station j. Hotel k. Another place outside the home
V62	HOW_IMPORTANT	How important	discrete	numeric	22. How important is it for you to have high-speed internet service in your home? 1. Very important 2. Important 3. Not very important 4. Not important at all
V63	CONNECTION_SPEED	Connection speed	discrete	numeric	23. How satisfied are you with: a. Your connection speed b. The cost of your service c. Ease of use (user-friendliness) d. Reliability of your connection
V64	COST_OF_SERVICE	Cost of service	discrete	numeric	23. How satisfied are you with: a. Your connection speed b. The cost of your service c. Ease of use (user-friendliness) d. Reliability of your connection
V65	EASE_OF_USE	Ease of use	discrete	numeric	23. How satisfied are you with: a. Your connection speed b. The cost of your service c. Ease of use (user-friendliness) d. Reliability of your connection
V66	RELIABILITY	Reliability	discrete	numeric	23. How satisfied are you with: a. Your connection speed b. The cost of your service c. Ease of use (user-friendliness) d. Reliability of your connection

V67	USING_THE_INTERNET	Using the internet	discrete	numeric	24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity: 1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested a. Using the Internet b. Using e-mail c. Taking online courses d. Downloading programs or software updates e. Fixing Computer Internet Problems f. Shopping Online g. Banking/tracking accounts online h. Social networking i. Searching and applying for jobs j. Searching for health, medical, or nutritional k. Getting news online l. Doing schoolwork online m. Filling out college applications online n. Entertainment (video, music, etc.) o. Booking Travel p. Parenting (checking children's grades etc.)
V68	USING_EMAIL	Using email	discrete	numeric	24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity: 1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested a. Using the Internet b. Using e-mail c. Taking online courses d. Downloading programs or software updates e. Fixing Computer Internet Problems f. Shopping Online g. Banking/tracking accounts online h. Social networking i. Searching and applying for jobs j. Searching for health, medical, or nutritional k. Getting news online l. Doing schoolwork online m. Filling out college applications online n. Entertainment (video, music, etc.) o. Booking Travel p. Parenting (checking children's grades etc.)
V69	TAKING_ONLINE_COURSES	Taking online courses	discrete	numeric	24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity: 1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested a. Using the Internet b. Using e-mail c. Taking online courses d. Downloading programs or software updates e. Fixing Computer Internet Problems f. Shopping Online g. Banking/tracking accounts online h. Social networking i. Searching and applying for jobs j. Searching for health, medical, or nutritional k. Getting news online l. Doing schoolwork online m. Filling out college applications online n. Entertainment (video, music, etc.) o. Booking Travel p. Parenting (checking children's grades etc.)
V70	DOWNLOADING	Downloading	discrete	numeric	24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity: 1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested a. Using the Internet b. Using e-mail c. Taking online courses d. Downloading programs or software updates e. Fixing Computer Internet Problems f. Shopping Online g. Banking/tracking accounts online h. Social networking i. Searching and applying for jobs j. Searching for health, medical, or nutritional k. Getting news online l. Doing schoolwork online m. Filling out college applications online n. Entertainment (video, music, etc.) o. Booking Travel p. Parenting (checking children's grades etc.)

V71	FIXING_INTERNET	Fixing internet	discrete	numeric	24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity: 1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested a. Using the Internet b. Using e-mail c. Taking online courses d. Downloading programs or software updates e. Fixing Computer Internet Problems f. Shopping Online g. Banking/tracking accounts online h. Social networking i. Searching and applying for jobs j. Searching for health, medical, or nutritional k. Getting news online l. Doing schoolwork online m. Filling out college applications online n. Entertainment (video, music, etc.) o. Booking Travel p. Parenting (checking children's grades etc.)
V72	SHOPPING_ONLINE	Shopping online	discrete	numeric	24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity: 1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested a. Using the Internet b. Using e-mail c. Taking online courses d. Downloading programs or software updates e. Fixing Computer Internet Problems f. Shopping Online g. Banking/tracking accounts online h. Social networking i. Searching and applying for jobs j. Searching for health, medical, or nutritional k. Getting news online l. Doing schoolwork online m. Filling out college applications online n. Entertainment (video, music, etc.) o. Booking Travel p. Parenting (checking children's grades etc.)
V73	BANKING	Banking	discrete	numeric	24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity: 1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested a. Using the Internet b. Using e-mail c. Taking online courses d. Downloading programs or software updates e. Fixing Computer Internet Problems f. Shopping Online g. Banking/tracking accounts online h. Social networking i. Searching and applying for jobs j. Searching for health, medical, or nutritional k. Getting news online l. Doing schoolwork online m. Filling out college applications online n. Entertainment (video, music, etc.) o. Booking Travel p. Parenting (checking children's grades etc.)
V74	SOCIAL_NETWORKING	Social networking	discrete	numeric	24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity: 1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested a. Using the Internet b. Using e-mail c. Taking online courses d. Downloading programs or software updates e. Fixing Computer Internet Problems f. Shopping Online g. Banking/tracking accounts online h. Social networking i. Searching and applying for jobs j. Searching for health, medical, or nutritional k. Getting news online l. Doing schoolwork online m. Filling out college applications online n. Entertainment (video, music, etc.) o. Booking Travel p. Parenting (checking children's grades etc.)

V75	APPLYING_FOR_JOBS	Applying for jobs	discrete	numeric	24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity: 1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested a. Using the Internet b. Using e-mail c. Taking online courses d. Downloading programs or software updates e. Fixing Computer Internet Problems f. Shopping Online g. Banking/tracking accounts online h. Social networking i. Searching and applying for jobs j. Searching for health, medical, or nutritional k. Getting news online l. Doing schoolwork online m. Filling out college applications online n. Entertainment (video, music, etc.) o. Booking Travel p. Parenting (checking children's grades etc.)
V76	HEALTH_INFO	Health info	discrete	numeric	24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity: 1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested a. Using the Internet b. Using e-mail c. Taking online courses d. Downloading programs or software updates e. Fixing Computer Internet Problems f. Shopping Online g. Banking/tracking accounts online h. Social networking i. Searching and applying for jobs j. Searching for health, medical, or nutritional k. Getting news online l. Doing schoolwork online m. Filling out college applications online n. Entertainment (video, music, etc.) o. Booking Travel p. Parenting (checking children's grades etc.)
V77	NEWS	News	discrete	numeric	24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity: 1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested a. Using the Internet b. Using e-mail c. Taking online courses d. Downloading programs or software updates e. Fixing Computer Internet Problems f. Shopping Online g. Banking/tracking accounts online h. Social networking i. Searching and applying for jobs j. Searching for health, medical, or nutritional k. Getting news online l. Doing schoolwork online m. Filling out college applications online n. Entertainment (video, music, etc.) o. Booking Travel p. Parenting (checking children's grades etc.)
V78	SCHOOLWORK	Schoolwork	discrete	numeric	24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity: 1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested a. Using the Internet b. Using e-mail c. Taking online courses d. Downloading programs or software updates e. Fixing Computer Internet Problems f. Shopping Online g. Banking/tracking accounts online h. Social networking i. Searching and applying for jobs j. Searching for health, medical, or nutritional k. Getting news online l. Doing schoolwork online m. Filling out college applications online n. Entertainment (video, music, etc.) o. Booking Travel p. Parenting (checking children's grades etc.)

V79	COLLEGE_APPLICATIONS	College applications	discrete	numeric	24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity: 1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested a. Using the Internet b. Using e-mail c. Taking online courses d. Downloading programs or software updates e. Fixing Computer Internet Problems f. Shopping Online g. Banking/tracking accounts online h. Social networking i. Searching and applying for jobs j. Searching for health, medical, or nutritional k. Getting news online l. Doing schoolwork online m. Filling out college applications online n. Entertainment (video, music, etc.) o. Booking Travel p. Parenting (checking children's grades etc.)
V80	ENTERTAINMENT	Entertainment	discrete	numeric	24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity: 1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested a. Using the Internet b. Using e-mail c. Taking online courses d. Downloading programs or software updates e. Fixing Computer Internet Problems f. Shopping Online g. Banking/tracking accounts online h. Social networking i. Searching and applying for jobs j. Searching for health, medical, or nutritional k. Getting news online l. Doing schoolwork online m. Filling out college applications online n. Entertainment (video, music, etc.) o. Booking Travel p. Parenting (checking children's grades etc.)
V81	BOOKING_TRAVEL	Booking travel	discrete	numeric	24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity: 1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested a. Using the Internet b. Using e-mail c. Taking online courses d. Downloading programs or software updates e. Fixing Computer Internet Problems f. Shopping Online g. Banking/tracking accounts online h. Social networking i. Searching and applying for jobs j. Searching for health, medical, or nutritional k. Getting news online l. Doing schoolwork online m. Filling out college applications online n. Entertainment (video, music, etc.) o. Booking Travel p. Parenting (checking children's grades etc.)
V82	PARENTING	Parenting	discrete	numeric	24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity: 1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested a. Using the Internet b. Using e-mail c. Taking online courses d. Downloading programs or software updates e. Fixing Computer Internet Problems f. Shopping Online g. Banking/tracking accounts online h. Social networking i. Searching and applying for jobs j. Searching for health, medical, or nutritional k. Getting news online l. Doing schoolwork online m. Filling out college applications online n. Entertainment (video, music, etc.) o. Booking Travel p. Parenting (checking children's grades etc.)
V83	MONTHLY_PAY	Monthly pay	contin	numeric	25. If you do have internet at home, how much do you pay each month?

V84	HOUSEHOLD_INCOME	Household income	contin	numeric	26. Household Income: (Dollars)
V85	PSEX	Person's sex	discrete	numeric	Sex
V86	PAGROUP	Person's age group	discrete	numeric	Age
V87	PEDUCATION	Person's education	discrete	numeric	Educational Attainment
V88	PLABOR	Person's labor	discrete	numeric	Labor force participation
V89	PWEIGHT	pweight	contin	numeric	
V90	PWEIGHT2	Pweight2	contin	numeric	





## Broadband identification (BROADBAND\_ID)

File: ROSTER

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0

Valid cases: 0  
Invalid: 0

### Description

Broadband Identification Number is a string of numbers that CSD uses to uniquely identifies the sampled household unit.

### Literal question

A. Sample ID

## AA (AA)

File: ROSTER

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0

Valid cases: 0  
Invalid: 0

### Description

Assignment Area is the Central Statistic Division (CSD) geographic level for assignment.

### Literal question

B. AA

## Block (BLOCK)

File: ROSTER

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0

Valid cases: 0  
Invalid: 0

### Description

Block is the smallest Central Statistics Division (CSD) geographic level.

### Literal question

C. Block

## Map spot (MAP\_SPOT)

File: ROSTER

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0

Valid cases: 0  
Invalid: 0

### Description

Mapspot is the Central Statistics Division (CSD) geographic number assinged to a household.

### Literal question

D. Map Spot

## Island (ISLAND)

## File: ROSTER

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-3

Valid cases: 0 (0)  
 Invalid: 0 (0)

**Description**

Island is the Largest Central Statistics Division (CSD) geographic level.

**Literal question**

E. Island  
 1. Saipan 2. Tinian 3. Rota

## Precinct (PRECINCT)

## File: ROSTER

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

**Literal question**

F. Precinct

## Village (VILLAGE)

## File: ROSTER

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 102-342

Valid cases: 0 (0)  
 Invalid: 0 (0)

**Description**

Village is the second largest Central Statistics Division (CSD) geographic level.

**Literal question**

G. Village:

## Form status (FORM\_STATUS)

## File: ROSTER

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-3

Valid cases: 0 (0)  
 Invalid: 0 (0)

**Description**

Form Status is the status of the Questionnaire.

**Literal question**

M. Form Status:

## Person Number (PN)

### File: ROSTER

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-23

Valid cases: 0 (0)  
Invalid: 0 (0)

#### Description

Person Number is the number assigned to the Household Occupant. PN 1 is reserved for the Head of the household.

#### Literal question

Person Number

## Relationship (RELAT)

### File: ROSTER

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 0 (0)  
Invalid: 0 (0)

#### Description

Relationship is the Person's relationship to Person Number 1 (PN1) or the head of the household.

#### Literal question

Relation

## Sex (SEX)

### File: ROSTER

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

#### Description

Sex is the Sex of the Person.

#### Literal question

Sex

## Age Group (AGROUP)

### File: ROSTER

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-17

Valid cases: 0 (0)  
Invalid: 0 (0)

#### Description

Age is the age of the Person.

Individual Age records does exist, but this has been recoded into 5 year Age Groups in regards to confidentiality.

#### Literal question

Age

## Education (EDUCATION)

File: ROSTER

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-7

Valid cases: 0 (0)  
Invalid: 0 (0)

#### Description

Education refers to Educational Attainment for the Person.

#### Literal question

Educational Attainment

## Labor Force (LABOR\_FORCE)

File: ROSTER

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 0 (0)  
Invalid: 0 (0)

#### Description

Labor Force is the current employment status of the person.

#### Literal question

Labor force participation

## Weight (WEIGHT)

File: ROSTER

#### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 6

Valid cases: 0  
Invalid: 0

## Weight2 (WEIGHT2)

File: ROSTER

#### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 6

Valid cases: 0  
Invalid: 0



## Broadband identification (BROADBAND\_ID)

File: BB

### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: 1020101008-3360101002

Valid cases: 0  
Invalid: 0

### Description

Broadband Identification Number is a string of numbers that CSD uses to uniquely identifies the sampled household unit.

### Literal question

A. Sample ID

## AA (AA)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-10

Valid cases: 0  
Invalid: 0

### Description

Assignment Area is the Central Statistic Division (CSD) geographic level for assignment.

### Literal question

B. AA

## Block (BLOCK)

File: BB

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-80

Valid cases: 0  
Invalid: 0

### Description

Block is the smallest Central Statistics Division (CSD) geographic level.

### Literal question

C. Block

## Map spot (MAP\_SPOT)

File: BB

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 1-791

Valid cases: 0  
Invalid: 0

### Description

Mapspot is the Central Statistics Division (CSD) geographic number assigned to a household.

**Literal question**

D. Map Spot

## Island (ISLAND)

File: BB

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-3

Valid cases: 0 (0)  
 Invalid: 0 (0)

**Description**

Island is the Largest Central Statistics Division (CSD) geographic level.

**Literal question**

E. Island

1. Saipan 2. Tinian 3. Rota

## Precinct (PRECINCT)

File: BB

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-1

Valid cases: 0  
 Invalid: 0

**Literal question**

F. Precinct

## Village (VILLAGE)

File: BB

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 25-342

Valid cases: 0 (0)  
 Invalid: 0 (0)

**Description**

Village is the second largest Central Statistics Division (CSD) geographic level.

**Literal question**

G. Village:

## Form status (FORM\_STATUS)

File: BB

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-3

Valid cases: 0 (0)  
 Invalid: 0 (0)

#### Description

Form Status is the status of the Questionnaire.

#### Literal question

M. Form Status:

## Person number (PERSON\_NUMBER)

File: BB

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-15

Valid cases: 0 (0)  
 Invalid: 0 (0)

#### Description

Person Number is the number assigned to the Household Occupant. PN 1 is reserved for the Head of the household.

#### Literal question

Person Number

## Ethnicity (ETHNICITY)

File: BB

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 100-600

Valid cases: 0 (0)  
 Invalid: 0 (0)

#### Description

Ethnicity is the Ethnicity of the respondent.

#### Literal question

7. Ethnicity:

## Language (LANGUAGE)

File: BB

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-22

Valid cases: 0 (0)  
 Invalid: 0 (0)

#### Description

Language is the main language spoken by the respondent at home.

#### Literal question

1. Language Spoken at Home:



## Own computer (OWN\_COMPUTER)

File: BB

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-4

Valid cases: 0 (0)  
 Invalid: 0 (0)

**Description**

Own Computer is the type of computer owned by the respondent.

**Literal question**

11. At home, do you or any member of this household own or use any of the following computers:

1. Desktop, laptop, netbook, or notebook computer
2. Handheld computer, tablet/iPad, smart mobile phone, other handheld wireless
3. Some other type of computer
4. Do not own a computer

## Use internet (USE\_INTERNET)

File: BB

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-2

Valid cases: 0 (0)  
 Invalid: 0 (0)

**Description**

Use Internet refers to whether the respondent uses the internet.

**Literal question**

12. Do you use the internet at all?

1. Yes
2. No

**Interviewer instructions**

If response is 2. No, skip to Question 14.

## Frequency (FREQUENCZ)

File: BB

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-9

Valid cases: 0 (0)  
 Invalid: 0 (0)

**Description**

Frequency refers to how often the respondent uses the Internet.

**Literal question**

13. If yes, how often do you use the Internet?

1. Every few months
2. Every few weeks
3. 1 to 2 days a week
4. 3 to 5 days a week
5. Once a day
6. Several times a day
9. Not applicable

**Interviewer instructions**

Only ask if Question 12 response is 1. Yes.

## At home (AT\_HOME)

File: BB

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

**Literal question**

14. At home, do you or any member of this household access the Internet?

1. Yes
2. No

## How many use (HOW\_MANY\_USE)

File: BB

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-18

Valid cases: 0 (0)  
Invalid: 0 (0)

**Literal question**

15. In total, how many people in your household use the Internet?

## Dial up (DIAL\_UP)

File: BB

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

**Literal question**

16a. Do you have broadband (non-dial up internet) in the house?

1. Yes
2. No

## Provider (PROVIDER)

File: BB

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

**Literal question**

16b. If so, from which provider?

1. Docomo
2. IT & E

## Speed (SPEED)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

17. How fast is your high-speed Internet service?

If you don't know make your best guess:

1. Less than 200 KBPS (MCV's "Online 'e'" Plan)
2. 200 KBPS to less than 786 KBPS (IT&E's "DSL Lite")
3. 768 KBPS to less than 1.5 MBPS (IT&E's "Nitro" or "Super" plan and MCV's "Online 1.2" Plan)
4. 1.5 MBPS to less than 3 MBPS (IT&E's "Turbo" or "Business" plan and MCV's "Online 1.8" Plan)
5. 3 MBPS to less than 6 MBPS
9. Don't Know

## Service type (SERVICE\_TYPE)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-6

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

18. Via which type of service do you or your household use to access the internet at home?

1. Dial-up service
  2. DSL Service
  3. Cable modem service
  4. Tethering to an internet enabled smart phone
  5. Mobile broadband plan for a computer or a cell phone (air card or wireless) Not including wireless home router
- IF OTHER, what type?

## Dont need (DONT\_NEED)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

19a. If you DO NOT have broadband internet at home:

If you do not have high-speed broadband (faster than dial-up) at home, what is the main reason (check all that apply)

- a. Don't need it/not interested
- b. Connection too slow
- c. Too expensive
- d. Can use it somewhere else
- e. Not available in area
- f. Computer inadequate
- g. No electricity
- h. Other reason

## Connection too slow (CONNECTION\_TOO\_SLOW)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

19a. If you DO NOT have broadband internet at home:

If you do not have high-speed broadband (faster than dial-up) at home, what is the main reason (check all that apply)

- a. Don't need it/not interested
- b. Connection too slow
- c. Too expensive
- d. Can use it somewhere else
- e. Not available in area
- f. Computer inadequate
- g. No electricity
- h. Other reason

## Too expensive (TOO\_EXPENSIVE)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

19a. If you DO NOT have broadband internet at home:

If you do not have high-speed broadband (faster than dial-up) at home, what is the main reason (check all that apply)

- a. Don't need it/not interested
- b. Connection too slow
- c. Too expensive
- d. Can use it somewhere else
- e. Not available in area
- f. Computer inadequate
- g. No electricity
- h. Other reason

## Somewhere else (SOMEWHERE\_ELSE)

File: BB

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-2

Valid cases: 0 (0)  
 Invalid: 0 (0)

#### Literal question

19a. If you DO NOT have broadband internet at home:

If you do not have high-speed broadband (faster than dial-up) at home, what is the main reason (check all that apply)

- a. Don't need it/not interested
- b. Connection too slow
- c. Too expensive
- d. Can use it somewhere else
- e. Not available in area
- f. Computer inadequate
- g. No electricity
- h. Other reason

## Not available (NOT\_AVAILABLE)

File: BB

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-2

Valid cases: 0 (0)  
 Invalid: 0 (0)

#### Literal question

19a. If you DO NOT have broadband internet at home:

If you do not have high-speed broadband (faster than dial-up) at home, what is the main reason (check all that apply)

- a. Don't need it/not interested
- b. Connection too slow
- c. Too expensive
- d. Can use it somewhere else
- e. Not available in area
- f. Computer inadequate
- g. No electricity
- h. Other reason

## Computer inadequate (COMPUTER\_INADEQUATE)

File: BB

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-2

Valid cases: 0 (0)  
 Invalid: 0 (0)

#### Literal question

19a. If you DO NOT have broadband internet at home:

If you do not have high-speed broadband (faster than dial-up) at home, what is the main reason (check all that apply)

- a. Don't need it/not interested
- b. Connection too slow
- c. Too expensive
- d. Can use it somewhere else
- e. Not available in area
- f. Computer inadequate
- g. No electricity
- h. Other reason

## No electricity (NO\_ELECTRICITY)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

19a. If you DO NOT have broadband internet at home:

If you do not have high-speed broadband (faster than dial-up) at home, what is the main reason (check all that apply)

- a. Don't need it/not interested
- b. Connection too slow
- c. Too expensive
- d. Can use it somewhere else
- e. Not available in area
- f. Computer inadequate
- g. No electricity
- h. Other reason

## Other reason (OTHER\_REASON)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

19a. If you DO NOT have broadband internet at home:

If you do not have high-speed broadband (faster than dial-up) at home, what is the main reason (check all that apply)

- a. Don't need it/not interested
- b. Connection too slow
- c. Too expensive
- d. Can use it somewhere else
- e. Not available in area
- f. Computer inadequate
- g. No electricity
- h. Other reason

## Computer cost (COMPUTER\_COST)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

19b. If cost is an issue that prevents you from having high-speed internet, which costs are you most concerned about (check all that apply)?

- a. Cost of the computer and/or other hardware (modem)
- b. Cost of installing internet service
- c. Cost of monthly internet service
- d. Cost of electricity
- e. Some other cost

## Installing cost (INSTALLING\_COST)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

19b. If cost is an issue that prevents you from having high-speed internet, which costs are you most concerned about (check all that apply)?

- a. Cost of the computer and/or other hardware (modem)
- b. Cost of installing internet service
- c. Cost of monthly internet service
- d. Cost of electricity
- e. Some other cost

## Monthly cost (MONTHLY\_COST)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

19b. If cost is an issue that prevents you from having high-speed internet, which costs are you most concerned about (check all that apply)?

- a. Cost of the computer and/or other hardware (modem)
- b. Cost of installing internet service
- c. Cost of monthly internet service
- d. Cost of electricity
- e. Some other cost

## Electricity cost (ELECTRICITY\_COST)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

19b. If cost is an issue that prevents you from having high-speed internet, which costs are you most concerned about (check all that apply)?

- a. Cost of the computer and/or other hardware (modem)
- b. Cost of installing internet service
- c. Cost of monthly internet service
- d. Cost of electricity
- e. Some other cost

## Some other cost (SOME\_OTHER\_COST)

File: BB

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-2

Valid cases: 0 (0)  
 Invalid: 0 (0)

**Literal question**

19b. If cost is an issue that prevents you from having high-speed internet, which costs are you most concerned about (check all that apply)?

- a. Cost of the computer and/or other hardware (modem)
- b. Cost of installing internet service
- c. Cost of monthly internet service
- d. Cost of electricity
- e. Some other cost

## Willing to pay (WILLING\_TO\_PAY)

File: BB

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-212

Valid cases: 0 (0)  
 Invalid: 0 (0)

**Literal question**

20. What is the most you would be willing to pay for broadband internet per month?

## Workplace (WORKPLACE)

File: BB

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-2

Valid cases: 0 (0)  
 Invalid: 0 (0)

**Literal question**

21. Do you or any member of your household access the Internet at any of the following locations outside the home? (Check all that apply)

- a. Workplace
- b. School
- c. Public library
- d. Community/youth center
- e. Internet cafe/coffee shop in your area
- f. Restaurant
- g. Someone else's house
- h. Laundromat
- i. Gas station
- j. Hotel
- k. Another place outside the home



## School (SCHOOL)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

21. Do you or any member of your household access the Internet at any of the following locations outside the home?  
(Check all that apply)

- a. Workplace
- b. School
- c. Public library
- d. Community/youth center
- e. Internet cafe/coffee shop in your area
- f. Restaurant
- g. Someone else's house
- h. Laundromat
- i. Gas station
- j. Hotel
- k. Another place outside the home

## Public library (PUBLIC\_LIBRARY)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

21. Do you or any member of your household access the Internet at any of the following locations outside the home?  
(Check all that apply)

- a. Workplace
- b. School
- c. Public library
- d. Community/youth center
- e. Internet cafe/coffee shop in your area
- f. Restaurant
- g. Someone else's house
- h. Laundromat
- i. Gas station
- j. Hotel
- k. Another place outside the home

## Community center (COMMUNITY\_CENTER)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

21. Do you or any member of your household access the Internet at any of the following locations outside the home?

(Check all that apply)

- a. Workplace
- b. School
- c. Public library
- d. Community/youth center
- e. Internet cafe/coffee shop in your area
- f. Restaurant
- g. Someone else's house
- h. Laundromat
- i. Gas station
- j. Hotel
- k. Another place outside the home

## Internet cafe (INTERNET\_CAFE)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

21. Do you or any member of your household access the Internet at any of the following locations outside the home?

(Check all that apply)

- a. Workplace
- b. School
- c. Public library
- d. Community/youth center
- e. Internet cafe/coffee shop in your area
- f. Restaurant
- g. Someone else's house
- h. Laundromat
- i. Gas station
- j. Hotel
- k. Another place outside the home

## Restaurant (RESTAURANT)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

21. Do you or any member of your household access the Internet at any of the following locations outside the home?

(Check all that apply)

- a. Workplace
- b. School
- c. Public library
- d. Community/youth center
- e. Internet cafe/coffee shop in your area
- f. Restaurant
- g. Someone else's house
- h. Laundromat
- i. Gas station
- j. Hotel
- k. Another place outside the home

## Someones house (SOMEONES\_HOUSE)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

21. Do you or any member of your household access the Internet at any of the following locations outside the home?  
(Check all that apply)

- a. Workplace
- b. School
- c. Public library
- d. Community/youth center
- e. Internet cafe/coffee shop in your area
- f. Restaurant
- g. Someone else's house
- h. Laundromat
- i. Gas station
- j. Hotel
- k. Another place outside the home

## Laundromat (LAUNDROMAT)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

21. Do you or any member of your household access the Internet at any of the following locations outside the home?  
(Check all that apply)

- a. Workplace
- b. School
- c. Public library
- d. Community/youth center
- e. Internet cafe/coffee shop in your area
- f. Restaurant
- g. Someone else's house
- h. Laundromat
- i. Gas station
- j. Hotel
- k. Another place outside the home

## Gas station (GAS\_STATION)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

21. Do you or any member of your household access the Internet at any of the following locations outside the home?

(Check all that apply)

- a. Workplace
- b. School
- c. Public library
- d. Community/youth center
- e. Internet cafe/coffee shop in your area
- f. Restaurant
- g. Someone else's house
- h. Laundromat
- i. Gas station
- j. Hotel
- k. Another place outside the home

## Hotel (HOTEL)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

21. Do you or any member of your household access the Internet at any of the following locations outside the home?

(Check all that apply)

- a. Workplace
- b. School
- c. Public library
- d. Community/youth center
- e. Internet cafe/coffee shop in your area
- f. Restaurant
- g. Someone else's house
- h. Laundromat
- i. Gas station
- j. Hotel
- k. Another place outside the home

## Another place (ANOTHER\_PLACE)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

21. Do you or any member of your household access the Internet at any of the following locations outside the home?

(Check all that apply)

- a. Workplace
- b. School
- c. Public library
- d. Community/youth center
- e. Internet cafe/coffee shop in your area
- f. Restaurant
- g. Someone else's house
- h. Laundromat
- i. Gas station
- j. Hotel
- k. Another place outside the home

## How important (HOW\_IMPORTANT)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-4

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

22. How important is it for you to have high-speed internet service in your home?

1. Very important
2. Important
3. Not very important
4. Not important at all

## Connection speed (CONNECTION\_SPEED)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 0 (0)  
Invalid: 0 (0)

### Pre question

Satisfaction and Comfort with Services

The next set of questions is regarding your satisfaction with your Internet Access at home. Please rate your satisfaction with the following attributes on a 5-point scale with 1 being "Not at all satisfied" and 5 being "Very satisfied." Skip to next table if you DO NOT have an internet connection in your home.

### Literal question

23. How satisfied are you with:

- a. Your connection speed
- b. The cost of your service
- c. Ease of use (user-friendliness)
- d. Reliability of your connection

### Interviewer instructions

Skip to Question 24 if respondent does not have an internet connection in their home.

## Cost of service (COST\_OF\_SERVICE)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

23. How satisfied are you with:

- a. Your connection speed
- b. The cost of your service
- c. Ease of use (user-friendliness)
- d. Reliability of your connection

## Ease of use (EASE\_OF\_USE)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

23. How satisfied are you with:  
a. Your connection speed  
b. The cost of your service  
c. Ease of use (user-friendliness)  
d. Reliability of your connection

## Reliability (RELIABILITY)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

23. How satisfied are you with:  
a. Your connection speed  
b. The cost of your service  
c. Ease of use (user-friendliness)  
d. Reliability of your connection

## Using the internet (USING\_THE\_INTERNET)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity:

1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested

- a. Using the Internet
- b. Using e-mail
- c. Taking online courses
- d. Downloading programs or software updates
- e. Fixing Computer Internet Problems
- f. Shopping Online
- g. Banking/tracking accounts online
- h. Social networking
- i. Searching and applying for jobs
- j. Searching for health, medical, or nutritional
- k. Getting news online
- l. Doing schoolwork online
- m. Filling out college applications online
- n. Entertainment (video, music, etc.)
- o. Booking Travel
- p. Parenting (checking children's grades etc.)

## Using email (USING\_EMAIL)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity:

1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested

- a. Using the Internet
- b. Using e-mail
- c. Taking online courses
- d. Downloading programs or software updates
- e. Fixing Computer Internet Problems
- f. Shopping Online
- g. Banking/tracking accounts online
- h. Social networking
- i. Searching and applying for jobs
- j. Searching for health, medical, or nutritional
- k. Getting news online
- l. Doing schoolwork online
- m. Filling out college applications online
- n. Entertainment (video, music, etc.)
- o. Booking Travel
- p. Parenting (checking children's grades etc.)

## Taking online courses (TAKING\_ONLINE\_COURSES)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity:

1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested

- a. Using the Internet
- b. Using e-mail
- c. Taking online courses
- d. Downloading programs or software updates
- e. Fixing Computer Internet Problems
- f. Shopping Online
- g. Banking/tracking accounts online
- h. Social networking
- i. Searching and applying for jobs
- j. Searching for health, medical, or nutritional
- k. Getting news online
- l. Doing schoolwork online
- m. Filling out college applications online
- n. Entertainment (video, music, etc.)
- o. Booking Travel
- p. Parenting (checking children's grades etc.)

## Downloading (DOWNLOADING)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity:

1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested

- a. Using the Internet
- b. Using e-mail
- c. Taking online courses
- d. Downloading programs or software updates
- e. Fixing Computer Internet Problems
- f. Shopping Online
- g. Banking/tracking accounts online
- h. Social networking
- i. Searching and applying for jobs
- j. Searching for health, medical, or nutritional
- k. Getting news online
- l. Doing schoolwork online
- m. Filling out college applications online
- n. Entertainment (video, music, etc.)
- o. Booking Travel
- p. Parenting (checking children's grades etc.)

## Fixing internet (FIXING\_INTERNET)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question



24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity:

1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested

- a. Using the Internet
- b. Using e-mail
- c. Taking online courses
- d. Downloading programs or software updates
- e. Fixing Computer Internet Problems
- f. Shopping Online
- g. Banking/tracking accounts online
- h. Social networking
- i. Searching and applying for jobs
- j. Searching for health, medical, or nutritional
- k. Getting news online
- l. Doing schoolwork online
- m. Filling out college applications online
- n. Entertainment (video, music, etc.)
- o. Booking Travel
- p. Parenting (checking children's grades etc.)

## Shopping online (SHOPPING\_ONLINE)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity:

1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested

- a. Using the Internet
- b. Using e-mail
- c. Taking online courses
- d. Downloading programs or software updates
- e. Fixing Computer Internet Problems
- f. Shopping Online
- g. Banking/tracking accounts online
- h. Social networking
- i. Searching and applying for jobs
- j. Searching for health, medical, or nutritional
- k. Getting news online
- l. Doing schoolwork online
- m. Filling out college applications online
- n. Entertainment (video, music, etc.)
- o. Booking Travel
- p. Parenting (checking children's grades etc.)

## Banking (BANKING)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity:

1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested

- a. Using the Internet
- b. Using e-mail
- c. Taking online courses
- d. Downloading programs or software updates
- e. Fixing Computer Internet Problems
- f. Shopping Online
- g. Banking/tracking accounts online
- h. Social networking
- i. Searching and applying for jobs
- j. Searching for health, medical, or nutritional
- k. Getting news online
- l. Doing schoolwork online
- m. Filling out college applications online
- n. Entertainment (video, music, etc.)
- o. Booking Travel
- p. Parenting (checking children's grades etc.)

## Social networking (SOCIAL\_NETWORKING)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity:

1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested

- a. Using the Internet
- b. Using e-mail
- c. Taking online courses
- d. Downloading programs or software updates
- e. Fixing Computer Internet Problems
- f. Shopping Online
- g. Banking/tracking accounts online
- h. Social networking
- i. Searching and applying for jobs
- j. Searching for health, medical, or nutritional
- k. Getting news online
- l. Doing schoolwork online
- m. Filling out college applications online
- n. Entertainment (video, music, etc.)
- o. Booking Travel
- p. Parenting (checking children's grades etc.)

## Applying for jobs (APPLYING\_FOR\_JOBS)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity:

1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested

- a. Using the Internet
- b. Using e-mail
- c. Taking online courses
- d. Downloading programs or software updates
- e. Fixing Computer Internet Problems
- f. Shopping Online
- g. Banking/tracking accounts online
- h. Social networking
- i. Searching and applying for jobs
- j. Searching for health, medical, or nutritional
- k. Getting news online
- l. Doing schoolwork online
- m. Filling out college applications online
- n. Entertainment (video, music, etc.)
- o. Booking Travel
- p. Parenting (checking children's grades etc.)

## Health info (HEALTH\_INFO)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity:

1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested

- a. Using the Internet
- b. Using e-mail
- c. Taking online courses
- d. Downloading programs or software updates
- e. Fixing Computer Internet Problems
- f. Shopping Online
- g. Banking/tracking accounts online
- h. Social networking
- i. Searching and applying for jobs
- j. Searching for health, medical, or nutritional
- k. Getting news online
- l. Doing schoolwork online
- m. Filling out college applications online
- n. Entertainment (video, music, etc.)
- o. Booking Travel
- p. Parenting (checking children's grades etc.)

## News (NEWS)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity:

1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested

- a. Using the Internet
- b. Using e-mail
- c. Taking online courses
- d. Downloading programs or software updates
- e. Fixing Computer Internet Problems
- f. Shopping Online
- g. Banking/tracking accounts online
- h. Social networking
- i. Searching and applying for jobs
- j. Searching for health, medical, or nutritional
- k. Getting news online
- l. Doing schoolwork online
- m. Filling out college applications online
- n. Entertainment (video, music, etc.)
- o. Booking Travel
- p. Parenting (checking children's grades etc.)

## Schoolwork (SCHOOLWORK)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity:

1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested

- a. Using the Internet
- b. Using e-mail
- c. Taking online courses
- d. Downloading programs or software updates
- e. Fixing Computer Internet Problems
- f. Shopping Online
- g. Banking/tracking accounts online
- h. Social networking
- i. Searching and applying for jobs
- j. Searching for health, medical, or nutritional
- k. Getting news online
- l. Doing schoolwork online
- m. Filling out college applications online
- n. Entertainment (video, music, etc.)
- o. Booking Travel
- p. Parenting (checking children's grades etc.)

## College applications (COLLEGE\_APPLICATIONS)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity:

1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested

- a. Using the Internet
- b. Using e-mail
- c. Taking online courses
- d. Downloading programs or software updates
- e. Fixing Computer Internet Problems
- f. Shopping Online
- g. Banking/tracking accounts online
- h. Social networking
- i. Searching and applying for jobs
- j. Searching for health, medical, or nutritional
- k. Getting news online
- l. Doing schoolwork online
- m. Filling out college applications online
- n. Entertainment (video, music, etc.)
- o. Booking Travel
- p. Parenting (checking children's grades etc.)

## Entertainment (ENTERTAINMENT)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity:

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- i. Searching and applying for jobs
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- m. Filling out college applications online
- n. Entertainment (video, music, etc.)
- o. Booking Travel
- p. Parenting (checking children's grades etc.)

## Booking travel (BOOKING\_TRAVEL)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity:

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- h. Social networking
- i. Searching and applying for jobs
- j. Searching for health, medical, or nutritional
- k. Getting news online
- l. Doing schoolwork online
- m. Filling out college applications online
- n. Entertainment (video, music, etc.)
- o. Booking Travel
- p. Parenting (checking children's grades etc.)

## Parenting (PARENTING)

File: BB

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

24. Please rate how you feel about doing the following activities, or if you have never done them, whether or not you are interested in doing the activity:

1. Very comfortable 2. Comfortable 3. Not Comfortable 4. Not not apply 5. Interested

- a. Using the Internet
- b. Using e-mail
- c. Taking online courses
- d. Downloading programs or software updates
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- h. Social networking
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- j. Searching for health, medical, or nutritional
- k. Getting news online
- l. Doing schoolwork online
- m. Filling out college applications online
- n. Entertainment (video, music, etc.)
- o. Booking Travel
- p. Parenting (checking children's grades etc.)

## Monthly pay (MONTHLY\_PAY)

File: BB

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 0-999

Valid cases: 0 (0)  
Invalid: 0 (0)

### Literal question

25. If you do have internet at home, how much do you pay each month?

## Household income (HOUSEHOLD\_INCOME)

File: BB

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-999999

Valid cases: 0 (0)  
 Invalid: 0 (0)

**Literal question**

26. Household Income: (Dollars)

**Post question**

DO NO REPORT CENTS

**Interviewer instructions**

Round to the nearest dollar.

## Person's sex (PSEX)

File: BB

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-2

Valid cases: 0 (0)  
 Invalid: 0 (0)

**Literal question**

Sex

## Person's age group (PAGROUP)

File: BB

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-17

Valid cases: 0 (0)  
 Invalid: 0 (0)

**Description**

Age is the age of the Person.

Individual Age records does exist, but this has been recoded into 5 year Age Groups in regards to confidentiality.

**Literal question**

Age

## Person's education (PEDUCATION)

File: BB

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-7

Valid cases: 0 (0)  
 Invalid: 0 (0)

**Description**

Education refers to Educational Attainment for the Person.

**Literal question**

Educational Attainment

## Person's labor (PLABOR)

File: BB

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 0 (0)  
Invalid: 0 (0)

**Literal question**

Labor force participation

## pweight (PWEIGHT)

File: BB

**Overview**

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 6  
Range: 1.758-24.764208

Valid cases: 0  
Invalid: 0

## Pweight2 (PWEIGHT2)

File: BB

**Overview**

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 6  
Range: 1.5-21.12987

Valid cases: 0  
Invalid: 0



# Documentation

## Reports

### 2014 CNMI Broadband Survey Report

Title	2014 CNMI Broadband Survey Report
subtitle	A Report on the 2014 Survey
Author(s)	Michael J. Levin Central Statistics Division (CSD) CNMI Department of Commerce Justin H. Andrew Alfonis Sound
Date	2016-02-01
Country	N. Mariana Isld.
Language	English
Description	A Report on the 2014 Broadband Survey.
	Table of Contents
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	Some History ..... 1
	2011 METHODOLOGY ..... 2
	2014 SURVEY ..... 4
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	CHARACTERISTICS OF BROADBAND USE IN 2014 BY ISLAND ..... 15
	2011 to 2014 CHANGE ..... 23
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	Appendix A ..... 30
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	Questionnaire ..... 74
Filename	2014-CNMI-Broadband-Report-03012016.pdf

## Other materials

### CNMI Public Law 7-35

Title	CNMI Public Law 7-35
Author(s)	William C. Ada
Date	1990-11-29
Country	N. Mariana Isld.
Language	English
Filename	CNMI PL 7-35.pdf

### Statistical Act of 1990

Title	Statistical Act of 1990
Author(s)	William C. Ada
Date	1990-11-29
Country	N. Mariana Isld.
Language	English
Filename	STATS_Act.pdf