# STEPwise Approach to Non-Communicable Diseases Risk Factor Surveillance 2018

**Ministry of Public Health**

report_generated_on: November 20, 2023

visit_data_catalog_at: [http://catalog.ihsn.org/](http://catalog.ihsn.org/)

# Identification

SURVEY ID NUMBER
ECU_2018_STEPS_v01_M

TITLE
STEPwise Approach to Non-Communicable Diseases Risk Factor Surveillance 2018

COUNTRY

| Name | Country code |
|------|--------------|
| Ecuador | ECU |

STUDY TYPE
Other Household Survey [hh/oth]

SERIES INFORMATION
This is the second STEPS conducted by Ecuador.

ABSTRACT
STEPS is a household-based survey to obtain core data on the established risk factors that determine the major burden of NCDs.

KIND OF DATA
Sample survey data [ssd]

UNIT OF ANALYSIS
Individuals

# Version

VERSION DESCRIPTION
Public-use dataset

# Scope

NOTES
The following topics were included in the survey: tobacco use, alcohol consumption, diet, physical activity, history of raised blood glucose, history of raised blood pressure, history of raised total cholesterol, history of cardiovascular diseases, lifestyle advice, and cervical cancer screening. Additionally, the following measures were taken: blood pressure, height, weight, waist circumference, heart rate, fasting blood glucose and total cholesterol. Finally, the following optional modules were included: tobacco policy, oral health and cancer screening.

TOPICS

| Topic | Vocabulary |
|-------|-----------|
| STEPS | Survey |

KEYWORDS

| Keyword |
|---------|
| noncommunicable diseases |
| risk factors |
| health surveys |
| tobacco use |

| |
|---|
| alcohol use |
| diet |
| nutrition |
| salt |
| physical activity |
| blood pressure |
| cervical cancer |
| overweight |
| obesity |
| diabetes |
| hypertension |
| cardiovascular disease |
| blood glucose |
| cholesterol |
| tobacco policy |
| oral health |

# Coverage

GEOGRAPHIC COVERAGE
National coverage

UNIVERSE
Adults aged 18-69 years.

# Producers and sponsors

PRIMARY INVESTIGATORS

| Name |
|---|
| Ministry of Public Health |

# Sampling

SAMPLING PROCEDURE
A multistage cluster sample design was used to produce representative data for the target age range in Ecuador. Please refer to pages 17-18 of the report for further information.

RESPONSE RATE
The overall response rate was 69.4%.

WEIGHTING
Analysis weights were calculated by taking the inverse of the probability of selection of each participant. These weights were adjusted for differences in the age-sex composition of the sample population as compared to the target population.

Different weight variables are available per Step:
wStep1 - for interview data

wStep2 - for physical measures
wStep3 - for biochemical measures
This allows for differences in the weight calculation for each Step of the survey as the age-sex composition of the respondents to each Step can differ slightly due to refusal or drop out.

# data_collection

DATES OF DATA COLLECTION

| Start | End |
|---|---|
| 2018-05 | 2018-06 |

DATA COLLECTION MODE
Face-to-face [f2f]

DATA COLLECTION NOTES
Cardiochek devices were used for the blood measures in Step 3.

# Access policy

CONTACTS

| Name | Affiliation | Email | URL |
|---|---|---|---|
| NCD Surveillance Team | World Health Organization | ncdmonitoring@who.int | Link |

ACCESS CONDITIONS
The user undertakes:
(1) to acknowledge the data source.
(2) to share any planned publications with WHO prior to publication.
(3) to offer co-authorship of any reports or publications using the survey results to the coordinator of the survey.
(4) to use the data for non-commercial, not-for-profit public health purposes only.

CITATION REQUIREMENTS
Publications based on STEPS data should cite the survey report (if available) and acknowledge the data source in the following manner:
"This paper uses data from the [country] [year] STEPS survey, implemented by [implementing agency] with the support of the World Health Organization."

ACCESS AUTHORITY

| Name | Affiliation | Email | URL |
|---|---|---|---|
| NCD Surveillance Team | World Health Organization | ncdmonitoring@who.int | Link |

# Disclaimer and copyrights

DISCLAIMER
The data is being distributed without warranty of any kind. The responsibility for the use of the data lies with the user. In no event shall the World Health Organization be liable for damages arising from its use.

# Metadata production

DDI DOCUMENT ID
DDI_ECU_2018_STEPS_v01_M

PRODUCERS

| Name | Abbreviation | Affiliation | Role |
|------|-------------|-------------|------|
| Yue Wu | | World Health Organization | Documentation of data |
| Melanie Cowan | | World Health Organization | Supervision and review of metadata and documentation of study |
| Development Economics Data Group | DECDG | The World Bank | Metadata adapted for World Bank Microdata Library |

DATE OF METADATA PRODUCTION
2020-08-14

DDI DOCUMENT VERSION
Identical to a metadata (ECU_2018_STEPS_v01) published on WHO NCD microdata repository
(http://extranet.who.int/ncdsmicrodata/index.php/catalog). Some of the metadata fields have been edited.

## data_dictionary

| Data file | Cases | variables |
|-----------|-------|-----------|
| **ecu2018** | 4638 | 225 |

**Data file: ecu2018**

| Cases: | 4638 |
|---|---|
| variables: | 225 |

**variables**

| ID | Name | Label | Question |
|---|---|---|---|
| V674 | pid | participant ID - unique record ID | |
| V675 | psu | psu | |
| V676 | stratum | stratum | |
| V677 | sex | sex | |
| V678 | age | age for analysis | |
| V679 | c4 | yrs of education | |
| V680 | c5 | highest level of education | |
| V681 | c6 | ethnic group | |
| V682 | c6other | specify other ethnic group | |
| V683 | c7 | marital status | |
| V684 | c8 | work status | |
| V685 | c9 | adults older than 18yrs in household | |
| V686 | c10 | household earnings | |
| V687 | c10type | household earnings - unit of time | |
| V688 | x1 | estimated monthly household income (range) | |
| V689 | t1 | current smoking | |
| V690 | t2 | current daily smoking | |
| V691 | t3 | age started smoking | |
| V692 | t4 | time since started smoking | |
| V693 | t4type | time since started smoking - unit of time | |
| V694 | t5a | manufactured cigs smoked per day | |
| V695 | t5aw | manufactured cigs smoked per week | |
| V696 | t5b | hand-rolled cigs smoked per day | |
| V697 | t5bw | hand-rolled cigs smoked per week | |
| V698 | t5c | pipes smoked per day | |
| V699 | t5cw | pipes smoked per week | |
| V700 | t5d | cigars smoked per day | |
| V701 | t5dw | cigars smoked per week | |
| V702 | t5e | shisha sessions per day | |
| V703 | t5ew | shisha sessions per week | |
| V704 | t5f | other smoked per day | |
| V705 | t5fw | other smoked per week | |
| V706 | t5other | specify other product smoked | |
| V707 | t6 | stop smoking attempt in past 12 mos | |
| V708 | t7 | advised by MD to stop smoking | |
| V709 | t8 | past smoking | |
| V710 | t9 | past daily smoking | |
| V711 | t10 | age quit smoking | |

| ID | Name | Label | Question |
|---|---|---|---|
| V712 | t11 | time since quitting smoking | |
| V713 | t11a | time since quitting smoking (years) | |
| V714 | t11b | time since quitting smoking (months) | |
| V715 | t11c | time since quitting smoking (weeks) | |
| V716 | t11type | time since quitting smoking - unit of time | |
| V717 | t12 | current smokeless tobacco use | |
| V718 | t13 | current daily smokeless tobacco use | |
| V719 | t14a | Snuff, by mouth times per day | |
| V720 | t14aw | Snuff, by mouth times per week | |
| V721 | t14b | Snuff, by nose times per day | |
| V722 | t14bw | Snuff, by nose times per week | |
| V723 | t14c | Chewing tobacco times per day | |
| V724 | t14cw | Chewing tobacco times per week | |
| V725 | t14d | Betel, quid times per day | |
| V726 | t14dw | Betel, quid times per week | |
| V727 | t14e | other smokeless product per day | |
| V728 | t14ew | other smokeless product per week | |
| V729 | t14other | specify other tobacco product used | |
| V730 | t17 | exposed to smoke in home | |
| V731 | t18 | exposed to smoke at work | |
| V732 | x2 | using electronic cigarettes | |
| V733 | tp1a | notice info on dangers of smoking in newspapers, magazines | |
| V734 | tp1b | notice info on dangers of smoking on TV | |
| V735 | tp1c | notice info on dangers of smoking on radio | |
| V736 | tp2 | noticed cig ads | |
| V737 | tp3a | notice cig promos: free samples | |
| V738 | tp3b | notice cig promos: cigs on sale | |
| V739 | tp3c | notice cig promos: coupons | |
| V740 | tp3d | notice cig promos: free gifts | |
| V741 | tp3e | notice cig promos: branded clothing | |
| V742 | tp3f | notice cig promos: in the mail | |
| V743 | tp4 | noticed health warnings on cig packs | |
| V744 | tp5 | thought about quitting due to health warning | |
| V745 | tp6 | number of cigs bought last purchase | |
| V746 | tp7 | price paid for last cig purchase | |
| V747 | a1 | ever drank alcohol | |
| V748 | a2 | drank alcohol in past 12 mos | |
| V749 | a3 | stopped drinking due to health reasons | |
| V750 | a4 | freq drinking in past 12 mos | |
| V751 | a5 | drank alcohol in past 30 days | |
| V752 | a6 | number drinking occasions past 30 days | |
| V753 | a7 | average number drinks per occasion past 30 days | |
| V754 | a8 | largest number drinks past 30 days | |
| V755 | a9 | times drank 6+ drinks in single occasion past 30 days | |
| V756 | a10a | number of drinks consumed last Monday | |

| ID | Name | Label | Question |
|---|---|---|---|
| V757 | a10b | number of drinks consumed last Tuesday | |
| V758 | a10c | number of drinks consumed last Wednesday | |
| V759 | a10d | number of drinks consumed last Thursday | |
| V760 | a10e | number of drinks consumed last Friday | |
| V761 | a10f | number of drinks consumed last Saturday | |
| V762 | a10g | number of drinks consumed last Sunday | |
| V763 | a11 | drank undeclared alcohol in past 7 days | |
| V764 | a12a | number of homebrewed spirits in past 7 days | |
| V765 | a12b | number of homebrewed beer or wine in past 7 days | |
| V766 | a12c | number of drinks from over the border in past 7 days | |
| V767 | a12d | number of drinks of alcohol not intended for consumption in past 7 days | |
| V768 | a12e | number of drinks of other untaxed alcohol in past 7 days | |
| V769 | a13 | unable to stop drinking in past 12 mos | |
| V770 | a14 | failed to do what was expected due to drinking in past 12 mos | |
| V771 | a15 | needing drink first thin in morning in past 12 mos | |
| V772 | a16 | family problems with alcohol in past 12 mos | |
| V773 | d1 | days fruit eaten per week | |
| V774 | d2 | servings fruit eaten per day | |
| V775 | d3 | days veg eaten per week | |
| V776 | d4 | servings veg eaten per day | |
| V777 | d5 | adding salt when eating | |
| V778 | d6 | adding salt when cooking | |
| V779 | d6a | adding salty sauce when cooking | |
| V780 | d7 | eating processed foods high in salt | |
| V781 | d8 | how much salt consumed | |
| V782 | d11a | limit processed food consumption | |
| V783 | d11b | look at salt content on labels | |
| V784 | d11c | buy low salt alternative | |
| V785 | d11d | use spices instead of salt | |
| V786 | d11e | avoid eating out | |
| V787 | d11f | do other things to control salt intake | |
| V788 | d11other | specify other | |
| V789 | p1 | vig activity at work | |
| V790 | p2 | vig activity at work: days per week | |
| V791 | p3a | vig activity at work: hours per day | |
| V792 | p3b | vig activity at work: mins per day | |
| V793 | p4 | mod activity at work | |
| V794 | p5 | mod activity at work: days per week | |
| V795 | p6a | mod activity at work: hours per day | |
| V796 | p6b | mod activity at work: mins per day | |
| V797 | p7 | active transport | |
| V798 | p8 | active transport: days per week | |
| V799 | p9a | active transport: hours per day | |
| V800 | p9b | active transport: mins per day | |
| V801 | p10 | vig leisure activity | |

| ID | Name | Label | Question |
|----|------|-------|----------|
| V802 | p11 | vig leisure activity: days per week | |
| V803 | p12a | vig leisure activity: hours per day | |
| V804 | p12b | vig leisure activity: mins per day | |
| V805 | p13 | mod leisure activity | |
| V806 | p14 | mod leisure activity: days per week | |
| V807 | p15a | mod leisure activity: hours per day | |
| V808 | p15b | mod leisure activity: mins per day | |
| V809 | p16a | sedentary time: hours per day | |
| V810 | p16b | sedentary time: mins per day | |
| V811 | h1 | BP measured | |
| V812 | h2a | told had high BP | |
| V813 | h2b | told had high BP in past 12 mos | |
| V814 | h3 | taken meds for high BP | |
| V815 | h4 | seen trad'l healer for high BP | |
| V816 | h5 | taking trad'l meds for high BP | |
| V817 | h6 | gluc measured | |
| V818 | h7a | told had high gluc | |
| V819 | h7b | told had high gluc in past 12 mos | |
| V820 | h8 | taken meds for high gluc | |
| V821 | h9 | taking insulin for high gluc | |
| V822 | h10 | seen trad'l healer for high gluc | |
| V823 | h11 | taking trad'l meds for high gluc | |
| V824 | h11a | had two glycated hemoglobin tests in past 12 mos | |
| V825 | h11b | eyes last examined | |
| V826 | h11c | feet last examined | |
| V827 | h12 | chol measured | |
| V828 | h13a | told had high chol | |
| V829 | h13b | told had high chol in past 12 mos | |
| V830 | h14 | taken meds for high chol | |
| V831 | h15 | seen trad'l healer for high chol | |
| V832 | h16 | taking trad'l meds for high chol | |
| V833 | h17 | had heart attack or stroke | |
| V834 | h18 | currently taking aspirin | |
| V835 | h19 | currently taking statins | |
| V836 | h20 | saw doctor or health worker in past 12 mos | |
| V837 | h20a | advised to not smoke | |
| V838 | h20b | advised to reduce salt | |
| V839 | h20c | advised to eat fruit/veg | |
| V840 | h20d | advised to reduce fat | |
| V841 | h20e | advised to do pa | |
| V842 | h20f | advised to lose weight | |
| V843 | h20g | advised to reduce sugary beverages | |
| V844 | cx1 | cerv cancer screening | |
| V845 | s1 | had faecal occult blood test | |
| V846 | s2 | had colonoscopy | |

| ID | Name | Label | Question |
|---|---|---|---|
| V847 | s3 | men: had prostate exam | |
| V848 | s4 | women: taught how to examine breast | |
| V849 | s5 | last time breast examined | |
| V850 | s6 | last time had mammogram | |
| V851 | o1 | number natural teeth | |
| V852 | o2 | state of teeth | |
| V853 | o3 | state of gums | |
| V854 | o4 | has removable dentures | |
| V855 | o5a | has upper denture | |
| V856 | o5b | has lower denture | |
| V857 | o6 | pain in teeth, gums or mouth in past 12 mos | |
| V858 | o7 | time since last dentist visit | |
| V859 | o8 | main reason for last dentist visit | |
| V860 | o8other | other reason for dentist visit | |
| V861 | o9 | frequency of cleaning teeth | |
| V862 | o10 | use toothpaste to clean teeth | |
| V863 | o11 | toothpaste used has fluoride | |
| V864 | o13a | had problem in past 12 mos: Difficulty in chewing foods | |
| V865 | o13b | had problem in past 12 mos: Difficulty with speech/trouble pronouncing words | |
| V866 | o13c | had problem in past 12 mos: Felt tense because of problems with teeth or mouth | |
| V867 | o13f | had problem in past 12 mos: Sleep is often interrupted | |
| V868 | o13g | had problem in past 12 mos: Days not at work because of teeth or mouth | |
| V869 | o13i | had problem in past 12 mos: Less tolerant of spouse or people close to you | |
| V870 | o13j | had problem in past 12 mos: Reduced participation in social activities | |
| V871 | m3 | cuff size | |
| V872 | m4a | BP reading 1: systolic | |
| V873 | m4b | BP reading 1: diastolic | |
| V874 | m5a | BP reading 2: systolic | |
| V875 | m5b | BP reading 2: diastolic | |
| V876 | m6a | BP reading 3: systolic | |
| V877 | m6b | BP reading 3: diastolic | |
| V878 | m7 | took raised BP meds in past 2 weeks | |
| V879 | m8 | pregnant | |
| V880 | m9 | interviewer ID | |
| V881 | m10a | height device ID | |
| V882 | m10b | weight device ID | |
| V883 | m11 | height (cm) | |
| V884 | m12 | weight (kg) | |
| V885 | m13 | waist circ device ID | |
| V886 | m14 | waist circumference (cm) | |
| V887 | m16a | heart rate reading 1 | |
| V888 | m16b | heart rate reading 2 | |
| V889 | m16c | heart rate reading 3 | |
| V890 | b1 | fasting for past 12 hrs | |
| V891 | b5 | fasting blood glucose (mg/dl) | |

| ID | Name | Label | Question |
|---|---|---|---|
| V892 | b6 | took insulin today | |
| V893 | b8 | total cholesterol (mg/dl) | |
| V894 | b9 | chol meds taken in past 2 weeks | |
| V895 | wstep1 | final analysis weight for step 1 variables (interview) | |
| V896 | wstep2 | final analysis weight for step 2 variables (physical measures) | |
| V897 | wstep3 | final analysis weight for step 3 variables (biochemical measures) | |
| V898 | agerange | ageranges for which survey was designed | |

total: 225

## ▌ PID: participant ID - unique record ID

**Data file: ecu2018**

### Overview

Valid: 4638      Invalid: 0
Type: Discrete      Width: 8      Range: -      Format: character

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## ▌ PSU: psu

**Data file: ecu2018**

### Overview

Valid: 4638      Invalid: 0
Type: Discrete      Width: 12      Range: -      Format: character

### Questions and instructions

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CATEGORIES

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| 090150395502 | | 8 | 0.2% |
| 090150406001 | | 7 | 0.2% |

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| 090150419002 | | 10 | 0.2% |
| 090150421001 | | 7 | 0.2% |
| 090150428901 | | 9 | 0.2% |
| 090150438703 | | 5 | 0.1% |
| 090150483704 | | 5 | 0.1% |
| 090150492701 | | 8 | 0.2% |
| 090150499602 | | 8 | 0.2% |
| 090150507602 | | 11 | 0.2% |
| 090150512401 | | 7 | 0.2% |
| 090150515901 | | 6 | 0.1% |
| 090150516101 | | 9 | 0.2% |
| 090150528301 | | 8 | 0.2% |
| 090150531802 | | 9 | 0.2% |
| 090150532601 | | 10 | 0.2% |
| 090150533402 | | 6 | 0.1% |
| 090150546801 | | 8 | 0.2% |
| 090150549601 | | 8 | 0.2% |
| 090152900101 | | 8 | 0.2% |
| 090158000503 | | 9 | 0.2% |
| 090250002001 | | 12 | 0.3% |
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| 090450003702 | | 12 | 0.3% |
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| 090450005303 | | 12 | 0.3% |
| 090550901201 | | 13 | 0.3% |
| 090650005502 | | 10 | 0.2% |
| 090650009502 | | 10 | 0.2% |
| 090650900901 | | 13 | 0.3% |
| 090650901301 | | 11 | 0.2% |
| 090650903101 | | 14 | 0.3% |
| 090650906201 | | 12 | 0.3% |
| 090750000401 | | 12 | 0.3% |
| 090750003302 | | 13 | 0.3% |
| 090750021702 | | 10 | 0.2% |
| 090750032803 | | 9 | 0.2% |
| 090750035702 | | 10 | 0.2% |
| 090750039501 | | 6 | 0.1% |
| 090750039702 | | 9 | 0.2% |

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| 090750040802 | | 6 | 0.1% |
| 090750043902 | | 11 | 0.2% |
| 090750901301 | | 8 | 0.2% |
| 091050003801 | | 7 | 0.2% |
| 091050006501 | | 11 | 0.2% |
| 091050019902 | | 9 | 0.2% |
| 091053901401 | | 10 | 0.2% |
| 091054901201 | | 12 | 0.3% |
| 091150001001 | | 11 | 0.2% |
| 091150001004 | | 10 | 0.2% |
| 091151000401 | | 10 | 0.2% |
| 091152000402 | | 9 | 0.2% |
| 091250001801 | | 8 | 0.2% |
| 091350000602 | | 10 | 0.2% |
| 091350001003 | | 7 | 0.2% |
| 091350901801 | | 12 | 0.3% |
| 091651902802 | | 13 | 0.3% |
| 091850002102 | | 11 | 0.2% |
| 091950000302 | | 15 | 0.3% |
| 091951900901 | | 9 | 0.2% |
| 092055900701 | | 13 | 0.3% |
| 092150005804 | | 12 | 0.3% |
| 092250000102 | | 9 | 0.2% |
| 092250001601 | | 12 | 0.3% |
| 092550900701 | | 14 | 0.3% |
| 100150000701 | | 12 | 0.3% |
| 100150000803 | | 13 | 0.3% |
| 100150017504 | | 16 | 0.3% |
| 100150901101 | | 16 | 0.3% |
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| 100252000902 | | 13 | 0.3% |
| 100450006101 | | 13 | 0.3% |
| 100452900601 | | 16 | 0.3% |
| 100456000101 | | 16 | 0.3% |
| 100457000202 | | 13 | 0.3% |
| 100457901101 | | 9 | 0.2% |
| 100457901188 | | 9 | 0.2% |
| 100552900401 | | 14 | 0.3% |
| 110150001901 | | 11 | 0.2% |

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| 110150008202 | | 5 | 0.1% |
| 110150027503 | | 11 | 0.2% |
| 110250000902 | | 12 | 0.3% |
| 110250001801 | | 15 | 0.3% |
| 110350002002 | | 9 | 0.2% |
| 110350002005 | | 14 | 0.3% |
| 110850001001 | | 10 | 0.2% |
| 110950000702 | | 11 | 0.2% |
| 110956900201 | | 9 | 0.2% |
| 111050900201 | | 10 | 0.2% |
| 111155900401 | | 8 | 0.2% |
| 111450900301 | | 13 | 0.3% |
| 120150001902 | | 10 | 0.2% |
| 120150013901 | | 9 | 0.2% |
| 120154901101 | | 13 | 0.3% |
| 120154902002 | | 13 | 0.3% |
| 120154903701 | | 13 | 0.3% |
| 120155000503 | | 10 | 0.2% |
| 120350900201 | | 12 | 0.3% |
| 120350902901 | | 10 | 0.2% |
| 120550002403 | | 11 | 0.2% |
| 120550003701 | | 11 | 0.2% |
| 120550004402 | | 13 | 0.3% |
| 120550016402 | | 11 | 0.2% |
| 120553900401 | | 12 | 0.3% |
| 120651001401 | | 11 | 0.2% |
| 120750001102 | | 9 | 0.2% |
| 120850906502 | | 13 | 0.3% |
| 120851000202 | | 12 | 0.3% |
| 120851902401 | | 12 | 0.3% |
| 120950900801 | | 8 | 0.2% |
| 121050001903 | | 11 | 0.2% |
| 121050003801 | | 14 | 0.3% |
| 121150003002 | | 11 | 0.2% |
| 121250001501 | | 11 | 0.2% |
| 130150001703 | | 9 | 0.2% |
| 130150006303 | | 10 | 0.2% |
| 130150015203 | | 12 | 0.3% |
| 130150017102 | | 13 | 0.3% |

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| 130150026401 | | 13 | 0.3% |
| 130150028502 | | 12 | 0.3% |
| 130150028602 | | 5 | 0.1% |
| 130150901802 | | 14 | 0.3% |
| 130150904201 | | 15 | 0.3% |
| 130151902002 | | 15 | 0.3% |
| 130153001603 | | 11 | 0.2% |
| 130154900302 | | 12 | 0.3% |
| 130250001202 | | 12 | 0.3% |
| 130350001102 | | 11 | 0.2% |
| 130350001202 | | 13 | 0.3% |
| 130350002602 | | 12 | 0.3% |
| 130350007802 | | 8 | 0.2% |
| 130350009502 | | 12 | 0.3% |
| 130350009602 | | 8 | 0.2% |
| 130350009802 | | 14 | 0.3% |
| 130353900501 | | 10 | 0.2% |
| 130355901501 | | 10 | 0.2% |
| 130550000602 | | 9 | 0.2% |
| 130550000903 | | 11 | 0.2% |
| 130750000501 | | 11 | 0.2% |
| 130750901501 | | 13 | 0.3% |
| 130750901601 | | 10 | 0.2% |
| 130850014902 | | 8 | 0.2% |
| 130850025802 | | 8 | 0.2% |
| 130850039602 | | 10 | 0.2% |
| 130950009402 | | 6 | 0.1% |
| 130952000201 | | 10 | 0.2% |
| 131150900101 | | 10 | 0.2% |
| 131350900901 | | 10 | 0.2% |
| 131453000402 | | 9 | 0.2% |
| 131550001301 | | 9 | 0.2% |
| 131550902102 | | 11 | 0.2% |
| 131752000201 | | 15 | 0.3% |
| 140150002003 | | 12 | 0.3% |
| 140150002101 | | 12 | 0.3% |
| 140150003102 | | 12 | 0.3% |
| 140250000703 | | 9 | 0.2% |
| 140255900102 | | 5 | 0.1% |

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| 150350000301 | | 9 | 0.2% |
| 150352901701 | | 14 | 0.3% |
| 150451000201 | | 9 | 0.2% |
| 150750000102 | | 11 | 0.2% |
| 160150001402 | | 12 | 0.3% |
| 160152900401 | | 12 | 0.3% |
| 160252000104 | | 13 | 0.3% |
| 160252001001 | | 12 | 0.3% |
| 170150004902 | | 8 | 0.2% |
| 170150006901 | | 11 | 0.2% |
| 170150008301 | | 8 | 0.2% |
| 170150008601 | | 5 | 0.1% |
| 170150016901 | | 10 | 0.2% |
| 170150022802 | | 6 | 0.1% |
| 170150022901 | | 10 | 0.2% |
| 170150035601 | | 10 | 0.2% |
| 170150037201 | | 11 | 0.2% |
| 170150049901 | | 11 | 0.2% |
| 170150059902 | | 9 | 0.2% |
| 170150062201 | | 7 | 0.2% |
| 170150078901 | | 11 | 0.2% |
| 170150082502 | | 10 | 0.2% |
| 170150086701 | | 5 | 0.1% |
| 170150087801 | | 12 | 0.3% |
| 170150098102 | | 8 | 0.2% |
| 170150106801 | | 9 | 0.2% |
| 170150113102 | | 8 | 0.2% |
| 170150114703 | | 14 | 0.3% |
| 170150118102 | | 9 | 0.2% |
| 170150124101 | | 7 | 0.2% |
| 170150124401 | | 9 | 0.2% |
| 170150134701 | | 8 | 0.2% |
| 170150137501 | | 9 | 0.2% |
| 170150150501 | | 10 | 0.2% |
| 170150160302 | | 10 | 0.2% |
| 170150164004 | | 9 | 0.2% |
| 170150166402 | | 9 | 0.2% |
| 170150188103 | | 11 | 0.2% |
| 170150194801 | | 10 | 0.2% |

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| 170150197702 | | 6 | 0.1% |
| 170150242801 | | 13 | 0.3% |
| 170150246901 | | 6 | 0.1% |
| 170150265002 | | 16 | 0.3% |
| 170150265301 | | 15 | 0.3% |
| 170150268901 | | 6 | 0.1% |
| 170150281301 | | 12 | 0.3% |
| 170150305002 | | 8 | 0.2% |
| 170150313202 | | 10 | 0.2% |
| 170150321302 | | 14 | 0.3% |
| 170150322701 | | 13 | 0.3% |
| 170150323502 | | 11 | 0.2% |
| 170150325302 | | 16 | 0.3% |
| 170150332601 | | 9 | 0.2% |
| 170150333101 | | 13 | 0.3% |
| 170150335601 | | 12 | 0.3% |
| 170150340801 | | 13 | 0.3% |
| 170150346201 | | 15 | 0.3% |
| 170150352202 | | 10 | 0.2% |
| 170150358702 | | 15 | 0.3% |
| 170150373502 | | 13 | 0.3% |
| 170150376401 | | 13 | 0.3% |
| 170150382601 | | 15 | 0.3% |
| 170151003801 | | 12 | 0.3% |
| 170151900201 | | 12 | 0.3% |
| 170151900401 | | 10 | 0.2% |
| 170152008501 | | 11 | 0.2% |
| 170152900201 | | 12 | 0.3% |
| 170155025301 | | 9 | 0.2% |
| 170155026002 | | 9 | 0.2% |
| 170155034004 | | 9 | 0.2% |
| 170159900702 | | 15 | 0.3% |
| 170160900102 | | 13 | 0.3% |
| 170163080701 | | 14 | 0.3% |
| 170164901302 | | 16 | 0.3% |
| 170181900101 | | 16 | 0.3% |
| 170184108801 | | 11 | 0.2% |
| 170184906101 | | 13 | 0.3% |
| 170184906402 | | 15 | 0.3% |

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| 170185105002 | | 14 | 0.3% |
| 170185901102 | | 13 | 0.3% |
| 170250009701 | | 15 | 0.3% |
| 170250011801 | | 15 | 0.3% |
| 170350901402 | | 15 | 0.3% |
| 170352012602 | | 13 | 0.3% |
| 170353020801 | | 14 | 0.3% |
| 170451025502 | | 13 | 0.3% |
| 170453025201 | | 16 | 0.3% |
| 170550043002 | | 13 | 0.3% |
| 170550046802 | | 10 | 0.2% |
| 180150021702 | | 10 | 0.2% |
| 180150024201 | | 7 | 0.2% |
| 180150031401 | | 8 | 0.2% |
| 180150032602 | | 5 | 0.1% |
| 180150037702 | | 10 | 0.2% |
| 180150039402 | | 10 | 0.2% |
| 180150041403 | | 9 | 0.2% |
| 180156901401 | | 10 | 0.2% |
| 180159900701 | | 10 | 0.2% |
| 180163900401 | | 12 | 0.3% |
| 180165901501 | | 9 | 0.2% |
| 180650901501 | | 9 | 0.2% |
| 180650903801 | | 11 | 0.2% |
| 180651901101 | | 8 | 0.2% |
| 180850901802 | | 13 | 0.3% |
| 180855901801 | | 8 | 0.2% |
| 190150001901 | | 9 | 0.2% |
| 190553000101 | | 10 | 0.2% |
| 190651900301 | | 11 | 0.2% |
| 190853000103 | | 12 | 0.3% |
| 210150002003 | | 16 | 0.3% |
| 210150002701 | | 16 | 0.3% |
| 210150006802 | | 15 | 0.3% |
| 210150008602 | | 15 | 0.3% |
| 210150901201 | | 14 | 0.3% |
| 210150901202 | | 14 | 0.3% |
| 220150001301 | | 11 | 0.2% |
| 220350000702 | | 10 | 0.2% |

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| 220350002101 | | 13 | 0.3% |
| 220357900501 | | 12 | 0.3% |
| 230150000101 | | 7 | 0.2% |
| 230150016002 | | 10 | 0.2% |
| 230150022301 | | 13 | 0.3% |
| 230150031202 | | 10 | 0.2% |
| 230150038501 | | 13 | 0.3% |
| 230150042502 | | 9 | 0.2% |
| 230150043501 | | 5 | 0.1% |
| 230150048202 | | 13 | 0.3% |
| 230150052102 | | 13 | 0.3% |
| 230150055601 | | 5 | 0.1% |
| 230152901302 | | 12 | 0.3% |
| 230154900401 | | 10 | 0.2% |
| 240150004801 | | 10 | 0.2% |
| 240152000704 | | 12 | 0.3% |
| 240152900402 | | 14 | 0.3% |
| 240154002002 | | 13 | 0.3% |
| 240154002401 | | 11 | 0.2% |
| 240250012002 | | 12 | 0.3% |
| 240250012502 | | 13 | 0.3% |
| 240250013501 | | 6 | 0.1% |
| 240350003702 | | 6 | 0.1% |
| 240352000701 | | 12 | 0.3% |
| 900151000301 | | 12 | 0.3% |
| 900151900102 | | 6 | 0.1% |
| 900351000201 | | 14 | 0.3% |
| 900451900401 | | 13 | 0.3% |

## STRATUM: stratum

**Data file: ecu2018**

## Overview

Valid: 4638      Invalid: 0      Minimum: 1      Maximum: 90      Mean: 12.747      Standard deviation: 9.399
Type: Continuous      Decimal: 0      Range: 1 - 90      Format: Numeric

## SEX: sex

**Data file: ecu2018**

## Overview

Valid: 4638     Invalid: 0
Type: Discrete     Width: 5     Range: -     Format: character

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| Men | | 1944 | 41.9% |
| Women | | 2694 | 58.1% |

## AGE: age for analysis

**Data file: ecu2018**

## Overview

Valid: 4638     Invalid: 0     Minimum: 18     Maximum: 69     Mean: 40.917     Standard deviation: 14.281
Type: Continuous     Decimal: 0     Range: 18 - 69     Format: Numeric

## C4: yrs of education

**Data file: ecu2018**

## Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 0 - 77     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 0 | | 147 | 3.2% |
| 1 | | 53 | 1.1% |
| 2 | | 101 | 2.2% |
| 3 | | 123 | 2.7% |
| 4 | | 91 | 2% |
| 5 | | 60 | 1.3% |
| 6 | | 1276 | 27.5% |
| 7 | | 78 | 1.7% |
| 8 | | 100 | 2.2% |
| 9 | | 233 | 5% |
| 10 | | 130 | 2.8% |
| 11 | | 120 | 2.6% |

| 12 | | 1082 | 23.3% |
|---|---|---|---|
| 13 | | 145 | 3.1% |
| 14 | | 120 | 2.6% |
| 15 | | 144 | 3.1% |
| 16 | | 121 | 2.6% |
| 17 | | 186 | 4% |
| 18 | | 203 | 4.4% |
| 19 | | 38 | 0.8% |
| 20 | | 42 | 0.9% |
| 21 | | 8 | 0.2% |
| 22 | | 11 | 0.2% |
| 23 | | 3 | 0.1% |
| 24 | | 5 | 0.1% |
| 25 | | 1 | 0% |
| 26 | | 1 | 0% |
| 27 | | 3 | 0.1% |
| 30 | | 2 | 0% |
| 77 | Don't know | 11 | 0.2% |

## C5: highest level of education

**Data file: ecu2018**

## Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 88     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Sin escolarización oficial | 455 | 9.8% |
| 2 | Centro de alfabetización | 58 | 1.3% |
| 3 | Primaria | 1759 | 37.9% |
| 4 | Educación básica | 180 | 3.9% |
| 5 | Secundaria | 929 | 20% |
| 6 | Educación media/Bachillerato | 609 | 13.1% |
| 7 | Superior no Universitario | 95 | 2% |
| 8 | Superior Universitario | 489 | 10.5% |
| 9 | Postgrado | 60 | 1.3% |

| 88 | No Sabe/No responde | 4 | 0.1% |
|---|---|---|---|

## C6: ethnic group

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 88     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | IndÃgena | 378 | 8.2% |
| 2 | Afroecuatoriano/Afrodescendiente | 81 | 1.7% |
| 3 | Negro/a | 73 | 1.6% |
| 4 | Mulato/a | 73 | 1.6% |
| 5 | Montubio/a | 335 | 7.2% |
| 6 | Mestizo/a | 3567 | 76.9% |
| 7 | Blanco/a | 119 | 2.6% |
| 8 | Otro | 10 | 0.2% |
| 88 | Se negÃ³ a responder | 2 | 0% |

## C6OTHER: specify other ethnic group

**Data file: ecu2018**

### Overview

Valid: 10     Invalid: 0
Type: Discrete     Width: 14     Range: -     Format: character

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| Arabe | | 1 | 10% |
| Cayambi | | 1 | 10% |
| Chino | | 2 | 20% |
| Ecuatoriana | | 1 | 10% |
| Nativa Quichua | | 1 | 10% |
| Oriente | | 1 | 10% |

| | | | |
|---|---|---|---|
| Serrano | | 1 | 10% |
| Shuar | | 2 | 20% |

## C7: marital status

**Data file: ecu2018**

### Overview

Valid: 4638    Invalid: 0
Type: Discrete    Decimal: 0    Range: 1 - 88    Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Nunca se ha casado | 1319 | 28.4% |
| 2 | Actualmente casado o casada | 1519 | 32.8% |
| 3 | Separado o separada | 427 | 9.2% |
| 4 | Divorciado o divorciada | 200 | 4.3% |
| 5 | Viudo o viuda | 173 | 3.7% |
| 6 | Unión libre | 995 | 21.5% |
| 88 | Se negó a responder | 5 | 0.1% |

## C8: work status

**Data file: ecu2018**

### Overview

Valid: 4638    Invalid: 0
Type: Discrete    Decimal: 0    Range: 1 - 88    Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Empleado del sector público | 292 | 6.3% |
| 2 | Empleado del sector privado | 1083 | 23.4% |
| 3 | Trabaja por cuenta propia | 1575 | 34% |
| 4 | Trabaja sin remuneración | 57 | 1.2% |
| 5 | Estudia | 256 | 5.5% |
| 6 | Ama de casa | 1022 | 22% |
| 7 | Jubilado o jubilada | 79 | 1.7% |

| 8 | Desempleado o desempleada (en condiciones de trabajar) | 221 | 4.8% |
| 9 | Desempleado o desempleada (incapaz de trabajar) | 49 | 1.1% |
| 88 | Se negÃ³ a responder | 4 | 0.1% |

## C9: adults older than 18yrs in household

**Data file: ecu2018**

**Overview**

Valid: 4638      Invalid: 0
Type: Discrete      Decimal: 0      Range: 1 - 88      Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | | 1087 | 23.4% |
| 2 | | 2080 | 44.8% |
| 3 | | 920 | 19.8% |
| 4 | | 362 | 7.8% |
| 5 | | 126 | 2.7% |
| 6 | | 47 | 1% |
| 7 | | 9 | 0.2% |
| 8 | | 2 | 0% |
| 9 | | 1 | 0% |
| 12 | | 1 | 0% |
| 77 | don't know | 2 | 0% |
| 88 | refused | 1 | 0% |

## C10: household earnings

**Data file: ecu2018**

**Overview**

Valid: 4184      Invalid: 454      Minimum: 8      Maximum: 40000      Mean: 529.432      Standard deviation: 1136.007
Type: Continuous      Decimal: 0      Range: 8 - 40000      Format: Numeric

## C10TYPE: household earnings - unit of time

**Data file: ecu2018**

## Overview

Valid: 4635     Invalid: 0
Type: Discrete     Width: 5     Range: -     Format: character

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 77 | | 313 | 6.8% |
| 88 | | 138 | 3% |
| month | | 3306 | 71.3% |
| week | | 844 | 18.2% |
| year | | 34 | 0.7% |

## X1: estimated monthly household income (range)

**Data file: ecu2018**

## Overview

Valid: 454     Invalid: 4184
Type: Discrete     Decimal: 0     Range: 1 - 88     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | 'Â¿De 0 a 375? | 233 | 51.3% |
| 2 | Â¿De 376 a 724? | 46 | 10.1% |
| 3 | Â¿De 725 a 1087? | 22 | 4.8% |
| 4 | Â¿De 1088 a 1449? | 4 | 0.9% |
| 5 | Â¿Mayor a 1449? | 3 | 0.7% |
| 77 | No sabe | 64 | 14.1% |
| 88 | Se negÃ³ a responder | 82 | 18.1% |
| Sysmiss | | 4184 | |

## T1: current smoking

**Data file: ecu2018**

## Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 585 | 12.6% |
| 2 | No | 4053 | 87.4% |

## T2: current daily smoking

**Data file: ecu2018**

**Overview**

Valid: 585    Invalid: 4053
Type: Discrete    Decimal: 0    Range: 1 - 2    Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 161 | 27.5% |
| 2 | No | 424 | 72.5% |
| Sysmiss | | 4053 | |

## T3: age started smoking

**Data file: ecu2018**

**Overview**

Valid: 585    Invalid: 4053
Type: Discrete    Decimal: 0    Range: 8 - 77    Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 8 | | 1 | 0.2% |
| 9 | | 1 | 0.2% |
| 10 | | 1 | 0.2% |
| 11 | | 4 | 0.7% |
| 12 | | 16 | 2.7% |
| 13 | | 21 | 3.6% |
| 14 | | 27 | 4.6% |

| 15 | | 50 | 8.5% |
|---|---|---|---|
| 16 | | 51 | 8.7% |
| 17 | | 67 | 11.5% |
| 18 | | 125 | 21.4% |
| 19 | | 25 | 4.3% |
| 20 | | 59 | 10.1% |
| 21 | | 14 | 2.4% |
| 22 | | 23 | 3.9% |
| 23 | | 2 | 0.3% |
| 24 | | 4 | 0.7% |
| 25 | | 31 | 5.3% |
| 26 | | 9 | 1.5% |
| 27 | | 4 | 0.7% |
| 28 | | 5 | 0.9% |
| 30 | | 12 | 2.1% |
| 32 | | 2 | 0.3% |
| 34 | | 1 | 0.2% |
| 35 | | 12 | 2.1% |
| 38 | | 1 | 0.2% |
| 39 | | 2 | 0.3% |
| 40 | | 3 | 0.5% |
| 45 | | 3 | 0.5% |
| 46 | | 1 | 0.2% |
| 77 | Don't know | 8 | 1.4% |
| Sysmiss | | 4053 | |

## T4: time since started smoking

**Data file: ecu2018**

### Overview

Valid: 2     Invalid: 4636
Type: Discrete     Decimal: 0     Range: 8 - 20     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 8 | | 1 | 50% |
| 20 | | 1 | 50% |

| Sysmiss | | 4636 | |
|---|---|---|---|

## T4TYPE: time since started smoking - unit of time

**Data file: ecu2018**

### Overview

Valid: 8     Invalid: 0
Type: Discrete     Width: 5     Range: -     Format: character

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 77 | | 6 | 75% |
| years | | 2 | 25% |

## T5A: manufactured cigs smoked per day

**Data file: ecu2018**

### Overview

Valid: 161     Invalid: 4477     Minimum: 0     Maximum: 40     Mean: 5.062     Standard deviation: 5.859
Type: Continuous     Decimal: 0     Range: 0 - 40     Format: Numeric

## T5AW: manufactured cigs smoked per week

**Data file: ecu2018**

### Overview

Valid: 428     Invalid: 4210
Type: Discrete     Decimal: 0     Range: 0 - 777     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 112 | 26.2% |
| 1 | | 110 | 25.7% |
| 2 | | 56 | 13.1% |
| 3 | | 29 | 6.8% |
| 4 | | 21 | 4.9% |
| 5 | | 27 | 6.3% |

| 6 | | 11 | 2.6% |
|---|---|---|---|
| 7 | | 5 | 1.2% |
| 8 | | 4 | 0.9% |
| 10 | | 25 | 5.8% |
| 12 | | 1 | 0.2% |
| 14 | | 1 | 0.2% |
| 15 | | 2 | 0.5% |
| 20 | | 9 | 2.1% |
| 24 | | 1 | 0.2% |
| 25 | | 1 | 0.2% |
| 40 | | 3 | 0.7% |
| 60 | | 1 | 0.2% |
| 777 | Don't know | 9 | 2.1% |
| Sysmiss | | 4210 | |

## T5B: hand-rolled cigs smoked per day

**Data file: ecu2018**

### Overview

Valid: 161     Invalid: 4477
Type: Discrete     Decimal: 0     Range: 0 - 77     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 153 | 95% |
| 1 | | 1 | 0.6% |
| 2 | | 2 | 1.2% |
| 5 | | 2 | 1.2% |
| 77 | Don't know | 3 | 1.9% |
| Sysmiss | | 4477 | |

## T5BW: hand-rolled cigs smoked per week

**Data file: ecu2018**

### Overview

Valid: 577     Invalid: 4061
Type: Discrete     Decimal: 0     Range: 0 - 777     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 563 | 97.6% |
| 1 | | 7 | 1.2% |
| 2 | | 1 | 0.2% |
| 3 | | 1 | 0.2% |
| 6 | | 1 | 0.2% |
| 777 | Don't know | 4 | 0.7% |
| Sysmiss | | 4061 | |

## T5C: pipes smoked per day

**Data file: ecu2018**

**Overview**

Valid: 161      Invalid: 4477
Type: Discrete      Decimal: 0      Range: 0 - 77      Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 159 | 98.8% |
| 77 | Don't know | 2 | 1.2% |
| Sysmiss | | 4477 | |

## T5CW: pipes smoked per week

**Data file: ecu2018**

**Overview**

Valid: 583      Invalid: 4055
Type: Discrete      Decimal: 0      Range: 0 - 777      Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 579 | 99.3% |
| 2 | | 1 | 0.2% |

| 3 | | 1 | 0.2% |
|---|---|---|---|
| 777 | Don't know | 2 | 0.3% |
| Sysmiss | | 4055 | |

## T5D: cigars smoked per day

**Data file: ecu2018**

### Overview

Valid: 161     Invalid: 4477
Type: Discrete     Decimal: 0     Range: 0 - 77     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 159 | 98.8% |
| 77 | Don't know | 2 | 1.2% |
| Sysmiss | | 4477 | |

## T5DW: cigars smoked per week

**Data file: ecu2018**

### Overview

Valid: 583     Invalid: 4055
Type: Discrete     Decimal: 0     Range: 0 - 777     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 578 | 99.1% |
| 1 | | 2 | 0.3% |
| 777 | Don't know | 3 | 0.5% |
| Sysmiss | | 4055 | |

## T5E: shisha sessions per day

**Data file: ecu2018**

### Overview

Valid: 161     Invalid: 4477

Type: Discrete     Decimal: 0     Range: 0 - 77     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 0 | | 158 | 98.1% |
| 4 | | 1 | 0.6% |
| 77 | Don't know | 2 | 1.2% |
| Sysmiss | | 4477 | |

## T5EW: shisha sessions per week

**Data file: ecu2018**

## Overview

Valid: 582     Invalid: 4056
Type: Discrete     Decimal: 0     Range: 0 - 777     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 0 | | 571 | 98.1% |
| 1 | | 6 | 1% |
| 2 | | 2 | 0.3% |
| 777 | Don't know | 3 | 0.5% |
| Sysmiss | | 4056 | |

## T5F: other smoked per day

**Data file: ecu2018**

## Overview

Valid: 161     Invalid: 4477
Type: Discrete     Decimal: 0     Range: 0 - 77     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 0 | | 150 | 93.2% |
| 1 | | 4 | 2.5% |

| 3 | | 1 | 0.6% |
|---|---|---|------|
| 5 | | 1 | 0.6% |
| 6 | | 1 | 0.6% |
| 77 | Don't know | 4 | 2.5% |
| Sysmiss | | 4477 | |

## T5FW: other smoked per week

**Data file: ecu2018**

**Overview**

Valid: 574    Invalid: 4064
Type: Discrete    Decimal: 0    Range: 0 - 777    Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 0 | | 558 | 97.2% |
| 1 | | 6 | 1% |
| 2 | | 1 | 0.2% |
| 3 | | 1 | 0.2% |
| 7 | | 1 | 0.2% |
| 10 | | 1 | 0.2% |
| 777 | Don't know | 6 | 1% |
| Sysmiss | | 4064 | |

## T5OTHER: specify other product smoked

**Data file: ecu2018**

**Overview**

Valid: 17    Invalid: 0
Type: Discrete    Width: 24    Range: -    Format: character

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 0 | | 3 | 17.6% |
| 6 | | 1 | 5.9% |
| 777 | | 1 | 5.9% |

| | | | |
|---|---|---|---|
| Electronico | | 1 | 5.9% |
| Filtro y fuma lark | | 1 | 5.9% |
| LARK CON FILTRO | | 1 | 5.9% |
| Ninguno | | 3 | 17.6% |
| NingÃºn | | 1 | 5.9% |
| No | | 1 | 5.9% |
| Normal | | 1 | 5.9% |
| Puros, pipas, cigarrillo | | 1 | 5.9% |
| Tabaco con filtro | | 1 | 5.9% |
| Tabaco llamado pueblo | | 1 | 5.9% |

## T6: stop smoking attempt in past 12 mos

**Data file: ecu2018**

**Overview**

Valid: 585     Invalid: 4053
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 320 | 54.7% |
| 2 | No | 265 | 45.3% |
| Sysmiss | | 4053 | |

## T7: advised by MD to stop smoking

**Data file: ecu2018**

**Overview**

Valid: 585     Invalid: 4053
Type: Discrete     Decimal: 0     Range: 1 - 3     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | yes | 198 | 33.8% |
| 2 | no | 287 | 49.1% |
| 3 | no visit in past 12 mos | 100 | 17.1% |

| Sysmiss | | 4053 | |
|---------|--|------|--|

## T8: past smoking

**Data file: ecu2018**

### Overview

Valid: 4053     Invalid: 585
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|--|
| 1 | Yes | 1007 | 24.8% |
| 2 | No | 3046 | 75.2% |
| Sysmiss | | 585 | |

## T9: past daily smoking

**Data file: ecu2018**

### Overview

Valid: 1431     Invalid: 3207
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|--|
| 1 | Yes | 316 | 22.1% |
| 2 | No | 1115 | 77.9% |
| Sysmiss | | 3207 | |

## T10: age quit smoking

**Data file: ecu2018**

### Overview

Valid: 1007     Invalid: 3631
Type: Discrete     Decimal: 0     Range: 8 - 77     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 8 | | 1 | 0.1% |
| 10 | | 3 | 0.3% |
| 11 | | 2 | 0.2% |
| 12 | | 1 | 0.1% |
| 13 | | 5 | 0.5% |
| 14 | | 7 | 0.7% |
| 15 | | 20 | 2% |
| 16 | | 20 | 2% |
| 17 | | 36 | 3.6% |
| 18 | | 86 | 8.5% |
| 19 | | 46 | 4.6% |
| 20 | | 97 | 9.6% |
| 21 | | 18 | 1.8% |
| 22 | | 46 | 4.6% |
| 23 | | 36 | 3.6% |
| 24 | | 27 | 2.7% |
| 25 | | 82 | 8.1% |
| 26 | | 19 | 1.9% |
| 27 | | 17 | 1.7% |
| 28 | | 22 | 2.2% |
| 29 | | 12 | 1.2% |
| 30 | | 70 | 7% |
| 31 | | 3 | 0.3% |
| 32 | | 17 | 1.7% |
| 33 | | 10 | 1% |
| 34 | | 14 | 1.4% |
| 35 | | 34 | 3.4% |
| 36 | | 7 | 0.7% |
| 37 | | 10 | 1% |
| 38 | | 15 | 1.5% |
| 39 | | 7 | 0.7% |
| 40 | | 54 | 5.4% |
| 41 | | 2 | 0.2% |
| 42 | | 12 | 1.2% |
| 43 | | 7 | 0.7% |

| 44 | | 4 | 0.4% | |
| 45 | | 29 | 2.9% | |
| 46 | | 4 | 0.4% | |
| 47 | | 3 | 0.3% | |
| 48 | | 5 | 0.5% | |
| 49 | | 6 | 0.6% | |
| 50 | | 24 | 2.4% | |
| 51 | | 2 | 0.2% | |
| 52 | | 4 | 0.4% | |
| 53 | | 1 | 0.1% | |
| 54 | | 5 | 0.5% | |
| 55 | | 12 | 1.2% | |
| 56 | | 2 | 0.2% | |
| 57 | | 2 | 0.2% | |
| 58 | | 6 | 0.6% | |
| 59 | | 3 | 0.3% | |
| 60 | | 12 | 1.2% | |
| 61 | | 2 | 0.2% | |
| 62 | | 2 | 0.2% | |
| 63 | | 1 | 0.1% | |
| 65 | | 3 | 0.3% | |
| 66 | | 2 | 0.2% | |
| 67 | | 1 | 0.1% | |
| 77 | Don't know | 7 | 0.7% | |
| Sysmiss | | 3631 | | |

## T11: time since quitting smoking

**Data file: ecu2018**

### Overview

Valid: 2      Invalid: 4636
Type: Discrete      Decimal: 0      Range: 6 - 12      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 6 | | 1 | 50% |
| 12 | | 1 | 50% |

| Sysmiss | | 4636 | |
|---------|--|------|--|

## T11A: time since quitting smoking (years)

**Data file: ecu2018**

### Overview

Valid: 7      Invalid: 4631
Type: Discrete      Decimal: 0      Range: 6 - 77      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|--|
| 6 | | 1 | 14.3% |
| 12 | | 1 | 14.3% |
| 77 | Don't know | 5 | 71.4% |
| Sysmiss | | 4631 | |

## T11B: time since quitting smoking (months)

**Data file: ecu2018**

### Overview

Valid: 5      Invalid: 4633
Type: Discrete      Decimal: 0      Range: 77 - 77      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|--|
| 77 | Don't know | 5 | 100% |
| Sysmiss | | 4633 | |

## T11C: time since quitting smoking (weeks)

**Data file: ecu2018**

### Overview

Valid: 5      Invalid: 4633
Type: Discrete      Decimal: 0      Range: 77 - 77      Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 77 | Don't know | 5 | 100% |
| Sysmiss | | 4633 | |

## T11TYPE: time since quitting smoking - unit of time

**Data file: ecu2018**

**Overview**

Valid: 7    Invalid: 0
Type: Discrete    Width: 5    Range: -    Format: character

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 77 | | 5 | 71.4% |
| years | | 2 | 28.6% |

## T12: current smokeless tobacco use

**Data file: ecu2018**

**Overview**

Valid: 4638    Invalid: 0
Type: Discrete    Decimal: 0    Range: 1 - 2    Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 2 | 0% |
| 2 | No | 4636 | 100% |

## T13: current daily smokeless tobacco use

**Data file: ecu2018**

**Overview**

Valid: 2    Invalid: 4636

Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|---|
| 1 | Yes | 0 | 0% |
| 2 | No | 2 | 100% |
| Sysmiss | | 4636 | |

## T14A: Snuff, by mouth times per day

**Data file: ecu2018**

### Overview

Valid: 0     Invalid: 4638
Type: Discrete     Decimal: 0     Range: -     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category |
|-------|----------|
| Sysmiss | |

## T14AW: Snuff, by mouth times per week

**Data file: ecu2018**

### Overview

Valid: 2     Invalid: 4636
Type: Discrete     Decimal: 0     Range: 1 - 1     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|---|
| 1 | | 2 | 100% |
| Sysmiss | | 4636 | |

## T14B: Snuff, by nose times per day

**Data file: ecu2018**

## Overview

Valid: 0      Invalid: 4638
Type: Discrete      Decimal: 0      Range: -      Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category |
|---|---|
| Sysmiss | |

## T14BW: Snuff, by nose times per week

**Data file: ecu2018**

## Overview

Valid: 2      Invalid: 4636
Type: Discrete      Decimal: 0      Range: 0 - 0      Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 2 | 100% |
| Sysmiss | | 4636 | |

## T14C: Chewing tobacco times per day

**Data file: ecu2018**

## Overview

Valid: 0      Invalid: 4638
Type: Discrete      Decimal: 0      Range: -      Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category |
|---|---|
| Sysmiss | |

## T14CW: Chewing tobacco times per week

**Data file: ecu2018**

**Overview**

Valid: 2      Invalid: 4636
Type: Discrete      Decimal: 0      Range: 0 - 0      Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 2 | 100% |
| Sysmiss | | 4636 | |

## T14D: Betel, quid times per day

**Data file: ecu2018**

**Overview**

Valid: 0      Invalid: 4638
Type: Discrete      Decimal: 0      Range: -      Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category |
|---|---|
| Sysmiss | |

## T14DW: Betel, quid times per week

**Data file: ecu2018**

**Overview**

Valid: 2      Invalid: 4636
Type: Discrete      Decimal: 0      Range: 0 - 0      Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 2 | 100% |
| Sysmiss | | 4636 | |

## T14E: other smokeless product per day

**Data file: ecu2018**

## Overview

Valid: 0      Invalid: 4638
Type: Discrete      Decimal: 0      Range: -      Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category |
|-------|----------|
| Sysmiss | |

## T14EW: other smokeless product per week

**Data file: ecu2018**

### Overview

Valid: 2      Invalid: 4636
Type: Discrete      Decimal: 0      Range: 0 - 0      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 0 | | 2 | 100% |
| Sysmiss | | 4636 | |

## T14OTHER: specify other tobacco product used

**Data file: ecu2018**

### Overview

Valid: 0      Invalid: 4638
Type: Discrete      Decimal: 0      Range: -      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category |
|-------|----------|
| Sysmiss | |

## T17: exposed to smoke in home

**Data file: ecu2018**

## Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 440 | 9.5% |
| 2 | No | 4198 | 90.5% |

## T18: exposed to smoke at work

**Data file: ecu2018**

## Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 3     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 1 | yes | 326 | 7% |
| 2 | no | 3712 | 80% |
| 3 | don't work in closed area | 600 | 12.9% |

## X2: using electronic cigarettes

**Data file: ecu2018**

## Overview

Valid: 585     Invalid: 4053
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 1 | Yes | 13 | 2.2% |
| 2 | No | 544 | 93% |
| 77 | Don't know | 28 | 4.8% |
| Sysmiss | | 4053 | |

## TP1A: notice info on dangers of smoking in newspapers, magazines

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 1 | Yes | 2147 | 46.3% |
| 2 | No | 2421 | 52.2% |
| 77 | Don't know | 70 | 1.5% |

## TP1B: notice info on dangers of smoking on TV

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 1 | Yes | 2668 | 57.5% |
| 2 | No | 1871 | 40.3% |
| 77 | Don't know | 99 | 2.1% |

## TP1C: notice info on dangers of smoking on radio

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 1997 | 43.1% |
| 2 | No | 2475 | 53.4% |
| 77 | Don't know | 166 | 3.6% |

## TP2: noticed cig ads

**Data file: ecu2018**

### Overview

Valid: 4638      Invalid: 0
Type: Discrete      Decimal: 0      Range: 1 - 77      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 1032 | 22.3% |
| 2 | No | 3507 | 75.6% |
| 77 | Don't know | 99 | 2.1% |

## TP3A: notice cig promos: free samples

**Data file: ecu2018**

### Overview

Valid: 4638      Invalid: 0
Type: Discrete      Decimal: 0      Range: 1 - 77      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 166 | 3.6% |
| 2 | No | 4392 | 94.7% |
| 77 | Don't know | 80 | 1.7% |

## TP3B: notice cig promos: cigs on sale

**Data file: ecu2018**

### Overview

Valid: 4638      Invalid: 0

Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 392 | 8.5% |
| 2 | No | 4121 | 88.9% |
| 77 | Don't know | 125 | 2.7% |

## TP3C: notice cig promos: coupons

**Data file: ecu2018**

**Overview**

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 42 | 0.9% |
| 2 | No | 4415 | 95.2% |
| 77 | Don't know | 181 | 3.9% |

## TP3D: notice cig promos: free gifts

**Data file: ecu2018**

**Overview**

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 64 | 1.4% |
| 2 | No | 4248 | 91.6% |
| 77 | Don't know | 326 | 7% |

## TP3E: notice cig promos: branded clothing

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 219 | 4.7% |
| 2 | No | 4120 | 88.8% |
| 77 | Don't know | 299 | 6.4% |

## TP3F: notice cig promos: in the mail

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 25 | 0.5% |
| 2 | No | 4279 | 92.3% |
| 77 | Don't know | 334 | 7.2% |

## TP4: noticed health warnings on cig packs

**Data file: ecu2018**

### Overview

Valid: 585     Invalid: 4053
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 534 | 91.3% |

| 2 | No | 43 | 7.4% |
|---|---|---|---|
| 3 | Did not see any cigarette packages | 5 | 0.9% |
| 77 | Don't know | 3 | 0.5% |
| Sysmiss | | 4053 | |

## TP5: thought about quitting due to health warning

**Data file: ecu2018**

**Overview**

Valid: 534     Invalid: 4104
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 427 | 80% |
| 2 | No | 103 | 19.3% |
| 77 | Don't know | 4 | 0.7% |
| Sysmiss | | 4104 | |

## TP6: number of cigs bought last purchase

**Data file: ecu2018**

**Overview**

Valid: 585     Invalid: 4053
Type: Discrete     Decimal: 0     Range: 1 - 7777     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | | 190 | 32.5% |
| 2 | | 91 | 15.6% |
| 3 | | 40 | 6.8% |
| 4 | | 19 | 3.2% |
| 5 | | 17 | 2.9% |
| 6 | | 12 | 2.1% |
| 7 | | 1 | 0.2% |
| 8 | | 2 | 0.3% |

| 10 | | 93 | 15.9% |
|---|---|---|---|
| 12 | | 1 | 0.2% |
| 15 | | 2 | 0.3% |
| 20 | | 68 | 11.6% |
| 40 | | 5 | 0.9% |
| 50 | | 1 | 0.2% |
| 60 | | 1 | 0.2% |
| 200 | | 1 | 0.2% |
| 7777 | Don't know | 41 | 7% |
| Sysmiss | | 4053 | |

## TP7: price paid for last cig purchase

**Data file: ecu2018**

### Overview

Valid: 523     Invalid: 4115
Type: Discrete     Decimal: 0     Range: 0.1 - 8888     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0.1 | | 4 | 0.8% |
| 0.12 | | 1 | 0.2% |
| 0.15 | | 16 | 3.1% |
| 0.2 | | 10 | 1.9% |
| 0.25 | | 33 | 6.3% |
| 0.3 | | 27 | 5.2% |
| 0.35 | | 15 | 2.9% |
| 0.4 | | 22 | 4.2% |
| 0.45 | | 6 | 1.1% |
| 0.5 | | 70 | 13.4% |
| 0.6 | | 13 | 2.5% |
| 0.65 | | 1 | 0.2% |
| 0.7 | | 10 | 1.9% |
| 0.75 | | 11 | 2.1% |
| 0.8 | | 11 | 2.1% |
| 0.85 | | 1 | 0.2% |
| 0.9 | | 3 | 0.6% |

| | | | |
|---|---|---|---|
| 0.95 | | 1 | 0.2% |
| 1 | | 71 | 13.6% |
| 1.05 | | 2 | 0.4% |
| 1.1 | | 1 | 0.2% |
| 1.2 | | 8 | 1.5% |
| 1.25 | | 12 | 2.3% |
| 1.28 | | 1 | 0.2% |
| 1.35 | | 1 | 0.2% |
| 1.4 | | 3 | 0.6% |
| 1.5 | | 29 | 5.5% |
| 1.6 | | 1 | 0.2% |
| 1.75 | | 3 | 0.6% |
| 1.8 | | 1 | 0.2% |
| 2 | | 26 | 5% |
| 2.05 | | 1 | 0.2% |
| 2.1 | | 1 | 0.2% |
| 2.25 | | 1 | 0.2% |
| 2.4 | | 2 | 0.4% |
| 2.5 | | 12 | 2.3% |
| 2.75 | | 5 | 1% |
| 2.8 | | 3 | 0.6% |
| 2.85 | | 3 | 0.6% |
| 2.9 | | 1 | 0.2% |
| 3 | | 30 | 5.7% |
| 3.25 | | 1 | 0.2% |
| 3.5 | | 9 | 1.7% |
| 3.75 | | 3 | 0.6% |
| 3.9 | | 1 | 0.2% |
| 4 | | 6 | 1.1% |
| 4.15 | | 1 | 0.2% |
| 4.5 | | 2 | 0.4% |
| 5 | | 7 | 1.3% |
| 5.4 | | 2 | 0.4% |
| 5.5 | | 3 | 0.6% |
| 5.6 | | 1 | 0.2% |
| 5.75 | | 1 | 0.2% |
| 5.8 | | 1 | 0.2% |
| 6 | | 4 | 0.8% |
| 6.5 | | 1 | 0.2% |

| 7 | | 1 | 0.2% |
|---|---|---|---|
| 8 | | 1 | 0.2% |
| 10 | | 1 | 0.2% |
| 30 | | 1 | 0.2% |
| 7777 | Don't know | 2 | 0.4% |
| 8888 | Refused | 1 | 0.2% |
| Sysmiss | | 4115 | |

## A1: ever drank alcohol

**Data file: ecu2018**

### Overview

Valid: 4638      Invalid: 0
Type: Discrete      Decimal: 0      Range: 1 - 2      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 3790 | 81.7% |
| 2 | No | 848 | 18.3% |

## A2: drank alcohol in past 12 mos

**Data file: ecu2018**

### Overview

Valid: 3790      Invalid: 848
Type: Discrete      Decimal: 0      Range: 1 - 2      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 2641 | 69.7% |
| 2 | No | 1149 | 30.3% |
| Sysmiss | | 848 | |

## A3: stopped drinking due to health reasons

**Data file: ecu2018**

## Overview

Valid: 1149     Invalid: 3489
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 421 | 36.6% |
| 2 | No | 728 | 63.4% |
| Sysmiss | | 3489 | |

## A4: freq drinking in past 12 mos

**Data file: ecu2018**

## Overview

Valid: 2641     Invalid: 1997
Type: Discrete     Decimal: 0     Range: 1 - 7     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Daily | 8 | 0.3% |
| 2 | 5-6 days per week | 9 | 0.3% |
| 3 | 3-4 days per week | 14 | 0.5% |
| 4 | 1-2 days per week | 161 | 6.1% |
| 5 | 1-3 days per month | 336 | 12.7% |
| 6 | Less than once a month | 2066 | 78.2% |
| 7 | never | 47 | 1.8% |
| Sysmiss | | 1997 | |

## A5: drank alcohol in past 30 days

**Data file: ecu2018**

## Overview

Valid: 2641     Invalid: 1997
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 1647 | 62.4% |
| 2 | No | 994 | 37.6% |
| Sysmiss | | 1997 | |

## A6: number drinking occasions past 30 days

**Data file: ecu2018**

**Overview**

Valid: 1647      Invalid: 2991
Type: Discrete      Decimal: 0      Range: 0 - 77      Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 6 | 0.4% |
| 1 | | 923 | 56% |
| 2 | | 351 | 21.3% |
| 3 | | 124 | 7.5% |
| 4 | | 135 | 8.2% |
| 5 | | 27 | 1.6% |
| 6 | | 15 | 0.9% |
| 7 | | 5 | 0.3% |
| 8 | | 16 | 1% |
| 9 | | 1 | 0.1% |
| 10 | | 10 | 0.6% |
| 12 | | 11 | 0.7% |
| 15 | | 8 | 0.5% |
| 20 | | 4 | 0.2% |
| 21 | | 1 | 0.1% |
| 24 | | 1 | 0.1% |
| 28 | | 1 | 0.1% |
| 30 | | 3 | 0.2% |
| 40 | | 1 | 0.1% |
| 50 | | 1 | 0.1% |

| 77 | Don't know | 3 | 0.2% |
|---|---|---|---|
| Sysmiss | | 2991 | |

## A7: average number drinks per occasion past 30 days

**Data file: ecu2018**

### Overview

Valid: 1641     Invalid: 2997
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | | 279 | 17% |
| 2 | | 235 | 14.3% |
| 3 | | 121 | 7.4% |
| 4 | | 127 | 7.7% |
| 5 | | 93 | 5.7% |
| 6 | | 91 | 5.5% |
| 7 | | 18 | 1.1% |
| 8 | | 94 | 5.7% |
| 9 | | 15 | 0.9% |
| 10 | | 109 | 6.6% |
| 11 | | 3 | 0.2% |
| 12 | | 90 | 5.5% |
| 13 | | 3 | 0.2% |
| 14 | | 11 | 0.7% |
| 15 | | 43 | 2.6% |
| 16 | | 15 | 0.9% |
| 17 | | 1 | 0.1% |
| 18 | | 17 | 1% |
| 20 | | 55 | 3.4% |
| 21 | | 1 | 0.1% |
| 22 | | 3 | 0.2% |
| 23 | | 2 | 0.1% |
| 24 | | 33 | 2% |
| 25 | | 30 | 1.8% |
| 26 | | 3 | 0.2% |

| 28 | | 2 | 0.1% |
|---|---|---|---|
| 30 | | 29 | 1.8% |
| 31 | | 1 | 0.1% |
| 32 | | 3 | 0.2% |
| 33 | | 2 | 0.1% |
| 34 | | 3 | 0.2% |
| 35 | | 1 | 0.1% |
| 36 | | 10 | 0.6% |
| 40 | | 11 | 0.7% |
| 42 | | 1 | 0.1% |
| 44 | | 1 | 0.1% |
| 45 | | 4 | 0.2% |
| 46 | | 1 | 0.1% |
| 48 | | 11 | 0.7% |
| 50 | | 41 | 2.5% |
| 77 | Don't know | 28 | 1.7% |
| Sysmiss | | 2997 | |

## A8: largest number drinks past 30 days

**Data file: ecu2018**

## Overview

Valid: 1647      Invalid: 2991
Type: Discrete      Decimal: 0      Range: 1 - 77      Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | | 388 | 23.6% |
| 2 | | 212 | 12.9% |
| 3 | | 121 | 7.3% |
| 4 | | 117 | 7.1% |
| 5 | | 79 | 4.8% |
| 6 | | 96 | 5.8% |
| 7 | | 10 | 0.6% |
| 8 | | 89 | 5.4% |
| 9 | | 12 | 0.7% |
| 10 | | 93 | 5.6% |

| | | | |
|---|---|---|---|
| 11 | | 2 | 0.1% |
| 12 | | 91 | 5.5% |
| 13 | | 3 | 0.2% |
| 14 | | 9 | 0.5% |
| 15 | | 43 | 2.6% |
| 16 | | 17 | 1% |
| 18 | | 15 | 0.9% |
| 20 | | 43 | 2.6% |
| 21 | | 2 | 0.1% |
| 22 | | 3 | 0.2% |
| 23 | | 1 | 0.1% |
| 24 | | 29 | 1.8% |
| 25 | | 23 | 1.4% |
| 26 | | 3 | 0.2% |
| 28 | | 2 | 0.1% |
| 30 | | 33 | 2% |
| 32 | | 3 | 0.2% |
| 33 | | 1 | 0.1% |
| 34 | | 1 | 0.1% |
| 35 | | 2 | 0.1% |
| 36 | | 6 | 0.4% |
| 40 | | 13 | 0.8% |
| 42 | | 1 | 0.1% |
| 43 | | 1 | 0.1% |
| 45 | | 3 | 0.2% |
| 48 | | 6 | 0.4% |
| 50 | | 38 | 2.3% |
| 77 | Don't know | 36 | 2.2% |
| Sysmiss | | 2991 | |

## ▌ A9: times drank 6+ drinks in single occasion past 30 days

**Data file: ecu2018**

### Overview

Valid: 1647     Invalid: 2991
Type: Discrete     Decimal: 0     Range: 0 - 77     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 624 | 37.9% |
| 1 | | 585 | 35.5% |
| 2 | | 164 | 10% |
| 3 | | 64 | 3.9% |
| 4 | | 62 | 3.8% |
| 5 | | 14 | 0.9% |
| 6 | | 20 | 1.2% |
| 7 | | 6 | 0.4% |
| 8 | | 14 | 0.9% |
| 9 | | 2 | 0.1% |
| 10 | | 14 | 0.9% |
| 12 | | 14 | 0.9% |
| 14 | | 2 | 0.1% |
| 15 | | 7 | 0.4% |
| 18 | | 1 | 0.1% |
| 20 | | 1 | 0.1% |
| 23 | | 1 | 0.1% |
| 24 | | 3 | 0.2% |
| 27 | | 2 | 0.1% |
| 30 | | 3 | 0.2% |
| 77 | Don't know | 44 | 2.7% |
| Sysmiss | | 2991 | |

## A10A: number of drinks consumed last Monday

**Data file: ecu2018**

### Overview

Valid: 1647     Invalid: 2991     Minimum: 0     Maximum: 35     Mean: 0.227     Standard deviation: 2.028
Type: Continuous     Decimal: 0     Range: 0 - 35     Format: Numeric

## A10B: number of drinks consumed last Tuesday

**Data file: ecu2018**

### Overview

Valid: 1647     Invalid: 2991
Type: Discrete     Decimal: 0     Range: 0 - 12     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 1613 | 97.9% |
| 1 | | 16 | 1% |
| 2 | | 1 | 0.1% |
| 3 | | 1 | 0.1% |
| 5 | | 4 | 0.2% |
| 6 | | 4 | 0.2% |
| 8 | | 4 | 0.2% |
| 10 | | 2 | 0.1% |
| 12 | | 2 | 0.1% |
| Sysmiss | | 2991 | |

## A10C: number of drinks consumed last Wednesday

**Data file: ecu2018**

### Overview

Valid: 1647     Invalid: 2991
Type: Discrete     Decimal: 0     Range: 0 - 77     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 1603 | 97.3% |
| 1 | | 14 | 0.9% |
| 2 | | 7 | 0.4% |
| 3 | | 4 | 0.2% |
| 5 | | 2 | 0.1% |
| 6 | | 3 | 0.2% |
| 7 | | 1 | 0.1% |
| 8 | | 4 | 0.2% |
| 9 | | 2 | 0.1% |
| 12 | | 3 | 0.2% |
| 15 | | 1 | 0.1% |
| 20 | | 2 | 0.1% |
| 77 | Don't know | 1 | 0.1% |

| Sysmiss | | 2991 | |
|---------|--|------|--|

## A10D: number of drinks consumed last Thursday

**Data file: ecu2018**

## Overview

Valid: 1647     Invalid: 2991     Minimum: 0     Maximum: 45     Mean: 0.284     Standard deviation: 2.057
Type: Continuous     Decimal: 0     Range: 0 - 45     Format: Numeric

## A10E: number of drinks consumed last Friday

**Data file: ecu2018**

## Overview

Valid: 1647     Invalid: 2991     Minimum: 0     Maximum: 50     Mean: 0.921     Standard deviation: 4.395
Type: Continuous     Decimal: 0     Range: 0 - 50     Format: Numeric

## A10F: number of drinks consumed last Saturday

**Data file: ecu2018**

## Overview

Valid: 1647     Invalid: 2991
Type: Discrete     Decimal: 0     Range: 0 - 77     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|--------|
| 0 | | 1057 | 64.2% |
| 1 | | 219 | 13.3% |
| 2 | | 40 | 2.4% |
| 3 | | 43 | 2.6% |
| 4 | | 33 | 2% |
| 5 | | 19 | 1.2% |
| 6 | | 34 | 2.1% |
| 7 | | 3 | 0.2% |
| 8 | | 29 | 1.8% |
| 9 | | 1 | 0.1% |
| 10 | | 33 | 2% |
| 11 | | 1 | 0.1% |
| 12 | | 38 | 2.3% |

| 13 | | 1 | 0.1% |
|---|---|---|---|
| 14 | | 2 | 0.1% |
| 15 | | 11 | 0.7% |
| 16 | | 10 | 0.6% |
| 18 | | 8 | 0.5% |
| 20 | | 9 | 0.5% |
| 22 | | 1 | 0.1% |
| 24 | | 10 | 0.6% |
| 25 | | 8 | 0.5% |
| 26 | | 1 | 0.1% |
| 28 | | 2 | 0.1% |
| 30 | | 4 | 0.2% |
| 31 | | 1 | 0.1% |
| 34 | | 1 | 0.1% |
| 35 | | 1 | 0.1% |
| 36 | | 3 | 0.2% |
| 40 | | 6 | 0.4% |
| 45 | | 2 | 0.1% |
| 48 | | 2 | 0.1% |
| 50 | | 12 | 0.7% |
| 77 | Don't know | 2 | 0.1% |
| Sysmiss | | 2991 | |

## A10G: number of drinks consumed last Sunday

**Data file: ecu2018**

### Overview

Valid: 1647      Invalid: 2991
Type: Discrete      Decimal: 0      Range: 0 - 77      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 1328 | 80.6% |
| 1 | | 117 | 7.1% |
| 2 | | 31 | 1.9% |
| 3 | | 20 | 1.2% |
| 4 | | 17 | 1% |

| 5 | | 12 | 0.7% |
|---|---|---|---|
| 6 | | 19 | 1.2% |
| 7 | | 1 | 0.1% |
| 8 | | 18 | 1.1% |
| 9 | | 2 | 0.1% |
| 10 | | 20 | 1.2% |
| 12 | | 17 | 1% |
| 13 | | 1 | 0.1% |
| 14 | | 3 | 0.2% |
| 15 | | 6 | 0.4% |
| 20 | | 7 | 0.4% |
| 21 | | 1 | 0.1% |
| 22 | | 1 | 0.1% |
| 24 | | 3 | 0.2% |
| 25 | | 6 | 0.4% |
| 28 | | 1 | 0.1% |
| 30 | | 6 | 0.4% |
| 33 | | 1 | 0.1% |
| 35 | | 1 | 0.1% |
| 40 | | 1 | 0.1% |
| 50 | | 6 | 0.4% |
| 77 | Don't know | 1 | 0.1% |
| Sysmiss | | 2991 | |

## A11: drank undeclared alcohol in past 7 days

**Data file: ecu2018**

### Overview

Valid: 1647     Invalid: 2991
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 131 | 8% |
| 2 | No | 1516 | 92% |
| Sysmiss | | 2991 | |

## A12A: number of homebrewed spirits in past 7 days

**Data file: ecu2018**

### Overview

Valid: 131     Invalid: 4507
Type: Discrete     Decimal: 0     Range: 0 - 77     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 12 | 9.2% |
| 1 | | 41 | 31.3% |
| 2 | | 12 | 9.2% |
| 3 | | 8 | 6.1% |
| 4 | | 6 | 4.6% |
| 5 | | 5 | 3.8% |
| 6 | | 7 | 5.3% |
| 7 | | 1 | 0.8% |
| 8 | | 7 | 5.3% |
| 10 | | 10 | 7.6% |
| 12 | | 4 | 3.1% |
| 15 | | 1 | 0.8% |
| 20 | | 3 | 2.3% |
| 25 | | 3 | 2.3% |
| 30 | | 3 | 2.3% |
| 35 | | 1 | 0.8% |
| 38 | | 1 | 0.8% |
| 40 | | 1 | 0.8% |
| 50 | | 3 | 2.3% |
| 77 | Don't know | 2 | 1.5% |
| Sysmiss | | 4507 | |

## A12B: number of homebrewed beer or wine in past 7 days

**Data file: ecu2018**

### Overview

Valid: 131     Invalid: 4507     Minimum: 0     Maximum: 25     Mean: 0.763     Standard deviation: 2.922
Type: Continuous     Decimal: 0     Range: 0 - 25     Format: Numeric

## A12C: number of drinks from over the border in past 7 days

**Data file: ecu2018**

### Overview

Valid: 131     Invalid: 4507
Type: Discrete     Decimal: 0     Range: 0 - 8     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 0 | | 129 | 98.5% |
| 1 | | 1 | 0.8% |
| 8 | | 1 | 0.8% |
| Sysmiss | | 4507 | |

## A12D: number of drinks of alcohol not intended for consumption in past 7 days

**Data file: ecu2018**

### Overview

Valid: 131     Invalid: 4507
Type: Discrete     Decimal: 0     Range: 0 - 0     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 0 | | 131 | 100% |
| Sysmiss | | 4507 | |

## A12E: number of drinks of other untaxed alcohol in past 7 days

**Data file: ecu2018**

### Overview

Valid: 131     Invalid: 4507
Type: Discrete     Decimal: 0     Range: 0 - 0     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 0 | | 131 | 100% |

| Sysmiss | | 4507 | |
|---------|---|------|---|

## A13: unable to stop drinking in past 12 mos

**Data file: ecu2018**

### Overview

Valid: 2641      Invalid: 1997
Type: Discrete      Decimal: 0      Range: 1 - 5      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|---|
| 1 | Daily or almost daily | 6 | 0.2% |
| 2 | Weekly | 45 | 1.7% |
| 3 | Monthly | 75 | 2.8% |
| 4 | Less than monthly | 274 | 10.4% |
| 5 | Never | 2241 | 84.9% |
| Sysmiss | | 1997 | |

## A14: failed to do what was expected due to drinking in past 12 mos

**Data file: ecu2018**

### Overview

Valid: 2641      Invalid: 1997
Type: Discrete      Decimal: 0      Range: 1 - 5      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|---|
| 1 | Daily or almost daily | 2 | 0.1% |
| 2 | Weekly | 22 | 0.8% |
| 3 | Monthly | 37 | 1.4% |
| 4 | Less than monthly | 211 | 8% |
| 5 | Never | 2369 | 89.7% |
| Sysmiss | | 1997 | |

## A15: needing drink first thin in morning in past 12 mos

**Data file: ecu2018**

### Overview

Valid: 2641      Invalid: 1997
Type: Discrete      Decimal: 0      Range: 1 - 5      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Daily or almost daily | 5 | 0.2% |
| 2 | Weekly | 16 | 0.6% |
| 3 | Monthly | 13 | 0.5% |
| 4 | Less than monthly | 70 | 2.7% |
| 5 | Never | 2537 | 96.1% |
| Sysmiss | | 1997 | |

## A16: family problems with alcohol in past 12 mos

**Data file: ecu2018**

### Overview

Valid: 4638      Invalid: 0
Type: Discrete      Decimal: 0      Range: 1 - 5      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes, more than monthly | 50 | 1.1% |
| 2 | Yes, monthly | 17 | 0.4% |
| 3 | Yes, several times but less than monthly | 60 | 1.3% |
| 4 | Yes, once or twice | 185 | 4% |
| 5 | No | 4326 | 93.3% |

## D1: days fruit eaten per week

**Data file: ecu2018**

### Overview

Valid: 4638      Invalid: 0
Type: Discrete      Decimal: 0      Range: 0 - 77      Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 174 | 3.8% |
| 1 | | 480 | 10.3% |
| 2 | | 822 | 17.7% |
| 3 | | 888 | 19.1% |
| 4 | | 347 | 7.5% |
| 5 | | 366 | 7.9% |
| 6 | | 101 | 2.2% |
| 7 | | 1453 | 31.3% |
| 77 | Don't know | 7 | 0.2% |

## D2: servings fruit eaten per day

**Data file: ecu2018**

**Overview**

Valid: 4457     Invalid: 181
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | | 2331 | 52.3% |
| 2 | | 1383 | 31% |
| 3 | | 471 | 10.6% |
| 4 | | 147 | 3.3% |
| 5 | | 72 | 1.6% |
| 6 | | 21 | 0.5% |
| 7 | | 17 | 0.4% |
| 8 | | 4 | 0.1% |
| 10 | | 5 | 0.1% |
| 11 | | 2 | 0% |
| 12 | | 1 | 0% |
| 14 | | 2 | 0% |
| 77 | Don't know | 1 | 0% |
| Sysmiss | | 181 | |

## D3: days veg eaten per week

**Data file: ecu2018**

### Overview

Valid: 4638      Invalid: 0
Type: Discrete      Decimal: 0      Range: 0 - 77      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 119 | 2.6% |
| 1 | | 384 | 8.3% |
| 2 | | 808 | 17.4% |
| 3 | | 938 | 20.2% |
| 4 | | 482 | 10.4% |
| 5 | | 484 | 10.4% |
| 6 | | 98 | 2.1% |
| 7 | | 1320 | 28.5% |
| 77 | Don't know | 5 | 0.1% |

## D4: servings veg eaten per day

**Data file: ecu2018**

### Overview

Valid: 4514      Invalid: 124
Type: Discrete      Decimal: 0      Range: 1 - 12      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | | 3148 | 69.7% |
| 2 | | 1067 | 23.6% |
| 3 | | 224 | 5% |
| 4 | | 41 | 0.9% |
| 5 | | 14 | 0.3% |
| 6 | | 1 | 0% |
| 7 | | 11 | 0.2% |

| 8 | | 3 | 0.1% |
|---|---|---|---|
| 10 | | 3 | 0.1% |
| 11 | | 1 | 0% |
| 12 | | 1 | 0% |
| Sysmiss | | 124 | |

## D5: adding salt when eating

**Data file: ecu2018**

**Overview**

Valid: 4638    Invalid: 0
Type: Discrete    Decimal: 0    Range: 1 - 77    Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Always | 272 | 5.9% |
| 2 | Often | 260 | 5.6% |
| 3 | Sometimes | 598 | 12.9% |
| 4 | Rarely | 955 | 20.6% |
| 5 | Never | 2534 | 54.6% |
| 77 | Don't know | 19 | 0.4% |

## D6: adding salt when cooking

**Data file: ecu2018**

**Overview**

Valid: 4638    Invalid: 0
Type: Discrete    Decimal: 0    Range: 1 - 77    Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Always | 2997 | 64.6% |
| 2 | Often | 533 | 11.5% |
| 3 | Sometimes | 356 | 7.7% |
| 4 | Rarely | 397 | 8.6% |
| 5 | Never | 336 | 7.2% |

| 77 | Don't know | 19 | 0.4% |
|---|---|---|---|

## D6A: adding salty sauce when cooking

**Data file: ecu2018**

### Overview

Valid: 4638      Invalid: 0
Type: Discrete      Decimal: 0      Range: 1 - 77      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Always | 589 | 12.7% |
| 2 | Often | 404 | 8.7% |
| 3 | Sometimes | 887 | 19.1% |
| 4 | Rarely | 1299 | 28% |
| 5 | Never | 1411 | 30.4% |
| 77 | Don't know | 48 | 1% |

## D7: eating processed foods high in salt

**Data file: ecu2018**

### Overview

Valid: 4638      Invalid: 0
Type: Discrete      Decimal: 0      Range: 1 - 77      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Always | 129 | 2.8% |
| 2 | Often | 362 | 7.8% |
| 3 | Sometimes | 1349 | 29.1% |
| 4 | Rarely | 2152 | 46.4% |
| 5 | Never | 646 | 13.9% |
| 77 | Don't know | 0 | 0% |

## D8: how much salt consumed

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | MuchÃsima | 19 | 0.4% |
| 2 | Mucha | 159 | 3.4% |
| 3 | La cantidad justa | 2592 | 55.9% |
| 4 | Poca | 1432 | 30.9% |
| 5 | PoquÃsima | 356 | 7.7% |
| 6 | Nada | 78 | 1.7% |
| 77 | No sÃ© | 2 | 0% |

## D11A: limit processed food consumption

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 3138 | 67.7% |
| 2 | No | 1500 | 32.3% |

## D11B: look at salt content on labels

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 3130 | 67.5% |
| 2 | No | 1508 | 32.5% |

## D11C: buy low salt alternative

**Data file: ecu2018**

**Overview**

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 2020 | 43.6% |
| 2 | No | 2618 | 56.4% |

## D11D: use spices instead of salt

**Data file: ecu2018**

**Overview**

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 920 | 19.8% |
| 2 | No | 3718 | 80.2% |

## D11E: avoid eating out

**Data file: ecu2018**

**Overview**

Valid: 4638     Invalid: 0

Type: Discrete    Decimal: 0    Range: 1 - 2    Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 2591 | 55.9% |
| 2 | No | 2047 | 44.1% |

## D11F: do other things to control salt intake

**Data file: ecu2018**

## Overview

Valid: 4638    Invalid: 0
Type: Discrete    Decimal: 0    Range: 1 - 2    Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 53 | 1.1% |
| 2 | No | 4585 | 98.9% |

## D11OTHER: specify other

**Data file: ecu2018**

## Overview

Valid: 53    Invalid: 0
Type: Discrete    Width: 92    Range: -    Format: character

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| Ajo sÃ³lo | | 1 | 1.9% |
| Ajo y cebolla | | 1 | 1.9% |
| Al arroz no le coloca sal | | 1 | 1.9% |
| Anexa mas frutas o cerduras ya que sufre de la tiroide | | 1 | 1.9% |
| Aplica limÃ³n a la comida | | 1 | 1.9% |
| Arroz son sal | | 1 | 1.9% |
| Coloca una pizca de azÃºcar a las comidas a veces | | 1 | 1.9% |

| | | | |
|---|---|---|---|
| Come todo lo que cocina, crÃa animale, cultiva y cosecha hortalizas | | 1 | 1.9% |
| Comer menos fuera y consumo de comida elaborado en casa | | 1 | 1.9% |
| Condimenta con organo | | 1 | 1.9% |
| Consumo de curcuma | | 1 | 1.9% |
| Cuando aplica cubitos de mango. Limita el consumo de sal | | 1 | 1.9% |
| Disminuye totalmente la sal asunto comida personal | | 1 | 1.9% |
| En una ensalada casi nada | | 1 | 1.9% |
| Especies como horegano curcuma | | 1 | 1.9% |
| Hiervas natural | | 1 | 1.9% |
| Intentar dejar la sal consumiendo poca | | 1 | 1.9% |
| LLEVA COMIDA PREPARADA PARA NO COMER FUERA POR LA CANTIDAD DEL QUE PONEN EN LOS RESTAURANTES | | 1 | 1.9% |
| Le pone limÃ³n | | 1 | 1.9% |
| Limita la sal en alimentos por problemas de parÃ¡lisis cerebral | | 1 | 1.9% |
| Ninguna | | 2 | 3.8% |
| Ninguno | | 1 | 1.9% |
| No | | 1 | 1.9% |
| No comer cosas con sal | | 1 | 1.9% |
| No cocinar con sal | | 1 | 1.9% |
| No pone mucha sal | | 1 | 1.9% |
| No pone sal | | 1 | 1.9% |
| No utiliza sal, utiliza hierbas ajo | | 1 | 1.9% |
| PREFIEREN ALIMENTOS CON VAJO CONTENIDO EN SAL | | 1 | 1.9% |
| Pone hiervas que siembra, perejil si la tropa, hiervas aromÃ¡ticas para infusiones | | 1 | 1.9% |
| Pone limon | | 1 | 1.9% |
| Pone mÃ¡s hievas | | 1 | 1.9% |
| Poner mÃ¡s hiervas aromÃ¡ticas en vez sal | | 1 | 1.9% |
| Prepara mÃ¡s aliÃ±o natural y mÃ¡s hiervas | | 1 | 1.9% |
| Que la Familia consuma alimentos sin sal | | 1 | 1.9% |
| Quita la sal en siertosmalimentos | | 1 | 1.9% |
| Reducir el consumo de sal y pone mÃ¡s hievas6 | | 1 | 1.9% |
| Sasona las comidas con oregano | | 1 | 1.9% |
| Solo pone aliÃ±os | | 1 | 1.9% |
| Suelen remplazar la sal con otras especies ..apio oregano u alvaca | | 1 | 1.9% |
| Sustituye la sal por chile ..u otros vejetales | | 1 | 1.9% |
| Sustituye sal con especias | | 1 | 1.9% |
| Tomar mucha agua | | 1 | 1.9% |
| Utiliza ajo | | 1 | 1.9% |
| Utiliza alimentos orgÃ¡nicos, sal marina | | 1 | 1.9% |

| | | | |
|---|---|---|---|
| Utiliza cebolla y ajo | | 1 | 1.9% |
| Utiliza del marina | | 1 | 1.9% |
| Utiliza oregano..y aliÃ±o mas natural | | 1 | 1.9% |
| Utiliza sal en grano no sal refinada | | 1 | 1.9% |
| Vaso el uso de la sal al preparar los alimentos | | 1 | 1.9% |
| Viajar el consumo de sal,y ve ver aguas aromaricas | | 1 | 1.9% |
| utiliza sal en grano | | 1 | 1.9% |

## P1: vig activity at work

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 865 | 18.7% |
| 2 | No | 3773 | 81.3% |

## P2: vig activity at work: days per week

**Data file: ecu2018**

### Overview

Valid: 865     Invalid: 3773
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | | 70 | 8.1% |
| 2 | | 120 | 13.9% |
| 3 | | 105 | 12.1% |
| 4 | | 58 | 6.7% |
| 5 | | 231 | 26.7% |
| 6 | | 150 | 17.3% |
| 7 | | 129 | 14.9% |

| 77 | Don't know | 2 | 0.2% |
|---|---|---|---|
| Sysmiss | | 3773 | |

## P3A: vig activity at work: hours per day

**Data file: ecu2018**

### Overview

Valid: 863     Invalid: 3775
Type: Discrete     Decimal: 0     Range: 0 - 16     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 115 | 13.3% |
| 1 | | 94 | 10.9% |
| 2 | | 114 | 13.2% |
| 3 | | 81 | 9.4% |
| 4 | | 85 | 9.8% |
| 5 | | 91 | 10.5% |
| 6 | | 65 | 7.5% |
| 7 | | 24 | 2.8% |
| 8 | | 142 | 16.5% |
| 9 | | 17 | 2% |
| 10 | | 17 | 2% |
| 11 | | 8 | 0.9% |
| 12 | | 6 | 0.7% |
| 13 | | 1 | 0.1% |
| 15 | | 2 | 0.2% |
| 16 | | 1 | 0.1% |
| Sysmiss | | 3775 | |

## P3B: vig activity at work: mins per day

**Data file: ecu2018**

### Overview

Valid: 863     Invalid: 3775     Minimum: 0     Maximum: 55     Mean: 5.112     Standard deviation: 11.298
Type: Continuous     Decimal: 0     Range: 0 - 55     Format: Numeric

## P4: mod activity at work

**Data file: ecu2018**

**Overview**

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 2440 | 52.6% |
| 2 | No | 2198 | 47.4% |

## P5: mod activity at work: days per week

**Data file: ecu2018**

**Overview**

Valid: 2440     Invalid: 2198
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | | 114 | 4.7% |
| 2 | | 274 | 11.2% |
| 3 | | 288 | 11.8% |
| 4 | | 152 | 6.2% |
| 5 | | 656 | 26.9% |
| 6 | | 278 | 11.4% |
| 7 | | 677 | 27.7% |
| 77 | Don't know | 1 | 0% |
| Sysmiss | | 2198 | |

## P6A: mod activity at work: hours per day

**Data file: ecu2018**

**Overview**

Valid: 2439     Invalid: 2199
Type: Discrete     Decimal: 0     Range: 0 - 16     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 245 | 10% |
| 1 | | 415 | 17% |
| 2 | | 407 | 16.7% |
| 3 | | 247 | 10.1% |
| 4 | | 267 | 10.9% |
| 5 | | 204 | 8.4% |
| 6 | | 184 | 7.5% |
| 7 | | 49 | 2% |
| 8 | | 304 | 12.5% |
| 9 | | 27 | 1.1% |
| 10 | | 46 | 1.9% |
| 11 | | 6 | 0.2% |
| 12 | | 28 | 1.1% |
| 13 | | 3 | 0.1% |
| 15 | | 5 | 0.2% |
| 16 | | 2 | 0.1% |
| Sysmiss | | 2199 | |

## P6B: mod activity at work: mins per day

**Data file: ecu2018**

**Overview**

Valid: 2439      Invalid: 2199      Minimum: 0      Maximum: 50      Mean: 4.62      Standard deviation: 10.699
Type: Continuous      Decimal: 0      Range: 0 - 50      Format: Numeric

## P7: active transport

**Data file: ecu2018**

**Overview**

Valid: 4638      Invalid: 0
Type: Discrete      Decimal: 0      Range: 1 - 2      Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|

| 1 | Yes | 3475 | 74.9% |
| 2 | No | 1163 | 25.1% |

## P8: active transport: days per week

**Data file: ecu2018**

### Overview

Valid: 3475    Invalid: 1163
Type: Discrete    Decimal: 0    Range: 1 - 77    Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | | 125 | 3.6% |
| 2 | | 250 | 7.2% |
| 3 | | 331 | 9.5% |
| 4 | | 169 | 4.9% |
| 5 | | 938 | 27% |
| 6 | | 268 | 7.7% |
| 7 | | 1393 | 40.1% |
| 77 | Don't know | 1 | 0% |
| Sysmiss | | 1163 | |

## P9A: active transport: hours per day

**Data file: ecu2018**

### Overview

Valid: 3474    Invalid: 1164
Type: Discrete    Decimal: 0    Range: 0 - 15    Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 1844 | 53.1% |
| 1 | | 870 | 25% |
| 2 | | 386 | 11.1% |
| 3 | | 132 | 3.8% |
| 4 | | 92 | 2.6% |

| | | | |
|---|---|---|---|
| 5 | | 56 | 1.6% |
| 6 | | 29 | 0.8% |
| 7 | | 10 | 0.3% |
| 8 | | 39 | 1.1% |
| 9 | | 3 | 0.1% |
| 10 | | 10 | 0.3% |
| 12 | | 1 | 0% |
| 13 | | 1 | 0% |
| 15 | | 1 | 0% |
| Sysmiss | | 1164 | |

## P9B: active transport: mins per day

**Data file: ecu2018**

## Overview

Valid: 3474     Invalid: 1164     Minimum: 0     Maximum: 55     Mean: 15.647     Standard deviation: 14.878
Type: Continuous     Decimal: 0     Range: 0 - 55     Format: Numeric

## P10: vig leisure activity

**Data file: ecu2018**

## Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 898 | 19.4% |
| 2 | No | 3740 | 80.6% |

## P11: vig leisure activity: days per week

**Data file: ecu2018**

## Overview

Valid: 898     Invalid: 3740
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | | 349 | 38.9% |
| 2 | | 265 | 29.5% |
| 3 | | 114 | 12.7% |
| 4 | | 49 | 5.5% |
| 5 | | 51 | 5.7% |
| 6 | | 22 | 2.4% |
| 7 | | 47 | 5.2% |
| 77 | Don't know | 1 | 0.1% |
| Sysmiss | | 3740 | |

## P12A: vig leisure activity: hours per day

**Data file: ecu2018**

**Overview**

Valid: 897    Invalid: 3741
Type: Discrete    Decimal: 0    Range: 0 - 77    Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 111 | 12.4% |
| 1 | | 325 | 36.2% |
| 2 | | 311 | 34.7% |
| 3 | | 93 | 10.4% |
| 4 | | 40 | 4.5% |
| 5 | | 6 | 0.7% |
| 6 | | 6 | 0.7% |
| 7 | | 1 | 0.1% |
| 8 | | 1 | 0.1% |
| 10 | | 2 | 0.2% |
| 77 | Don't know | 1 | 0.1% |
| Sysmiss | | 3741 | |

## P12B: vig leisure activity: mins per day

**Data file: ecu2018**

**Overview**

Valid: 897    Invalid: 3741
Type: Discrete    Decimal: 0    Range: 0 - 77    Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 679 | 75.7% |
| 3 | | 1 | 0.1% |
| 8 | | 1 | 0.1% |
| 10 | | 4 | 0.4% |
| 15 | | 6 | 0.7% |
| 20 | | 10 | 1.1% |
| 25 | | 1 | 0.1% |
| 30 | | 142 | 15.8% |
| 35 | | 2 | 0.2% |
| 40 | | 23 | 2.6% |
| 45 | | 24 | 2.7% |
| 50 | | 3 | 0.3% |
| 77 | Don't know | 1 | 0.1% |
| Sysmiss | | 3741 | |

## P13: mod leisure activity

**Data file: ecu2018**

**Overview**

Valid: 4638    Invalid: 0
Type: Discrete    Decimal: 0    Range: 1 - 2    Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 1028 | 22.2% |
| 2 | No | 3610 | 77.8% |

## P14: mod leisure activity: days per week

**Data file: ecu2018**

### Overview

Valid: 1028     Invalid: 3610
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | | 285 | 27.7% |
| 2 | | 215 | 20.9% |
| 3 | | 200 | 19.5% |
| 4 | | 72 | 7% |
| 5 | | 127 | 12.4% |
| 6 | | 25 | 2.4% |
| 7 | | 102 | 9.9% |
| 77 | Don't know | 2 | 0.2% |
| Sysmiss | | 3610 | |

## P15A: mod leisure activity: hours per day

**Data file: ecu2018**

### Overview

Valid: 1026     Invalid: 3612
Type: Discrete     Decimal: 0     Range: 0 - 12     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 290 | 28.3% |
| 1 | | 445 | 43.4% |
| 2 | | 209 | 20.4% |
| 3 | | 56 | 5.5% |
| 4 | | 18 | 1.8% |
| 5 | | 4 | 0.4% |
| 6 | | 1 | 0.1% |
| 7 | | 1 | 0.1% |
| 10 | | 1 | 0.1% |

| 12 | | 1 | 0.1% |
|---|---|---|---|
| Sysmiss | | 3612 | |

## P15B: mod leisure activity: mins per day

**Data file: ecu2018**

## Overview

Valid: 1026    Invalid: 3612    Minimum: 0    Maximum: 50    Mean: 10.937    Standard deviation: 15.031
Type: Continuous    Decimal: 0    Range: 0 - 50    Format: Numeric

## P16A: sedentary time: hours per day

**Data file: ecu2018**

## Overview

Valid: 4638    Invalid: 0
Type: Discrete    Decimal: 0    Range: 0 - 77    Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 0 | | 462 | 10% |
| 1 | | 998 | 21.5% |
| 2 | | 1111 | 24% |
| 3 | | 650 | 14% |
| 4 | | 418 | 9% |
| 5 | | 293 | 6.3% |
| 6 | | 222 | 4.8% |
| 7 | | 95 | 2% |
| 8 | | 224 | 4.8% |
| 9 | | 36 | 0.8% |
| 10 | | 63 | 1.4% |
| 11 | | 9 | 0.2% |
| 12 | | 32 | 0.7% |
| 13 | | 1 | 0% |
| 14 | | 10 | 0.2% |
| 15 | | 7 | 0.2% |
| 16 | | 4 | 0.1% |
| 77 | Don't know | 3 | 0.1% |

## P16B: sedentary time: mins per day

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 0 - 77     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 0 | | 3754 | 80.9% |
| 1 | | 2 | 0% |
| 2 | | 2 | 0% |
| 5 | | 2 | 0% |
| 8 | | 17 | 0.4% |
| 10 | | 25 | 0.5% |
| 15 | | 41 | 0.9% |
| 18 | | 2 | 0% |
| 20 | | 80 | 1.7% |
| 25 | | 4 | 0.1% |
| 30 | | 615 | 13.3% |
| 33 | | 1 | 0% |
| 35 | | 7 | 0.2% |
| 38 | | 1 | 0% |
| 40 | | 27 | 0.6% |
| 45 | | 36 | 0.8% |
| 46 | | 1 | 0% |
| 50 | | 18 | 0.4% |
| 77 | Don't know | 3 | 0.1% |

## H1: BP measured

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 4026 | 86.8% |
| 2 | No | 612 | 13.2% |

## H2A: told had high BP

**Data file: ecu2018**

### Overview

Valid: 4026    Invalid: 612
Type: Discrete    Decimal: 0    Range: 1 - 2    Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 844 | 21% |
| 2 | No | 3182 | 79% |
| Sysmiss | | 612 | |

## H2B: told had high BP in past 12 mos

**Data file: ecu2018**

### Overview

Valid: 844    Invalid: 3794
Type: Discrete    Decimal: 0    Range: 1 - 2    Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 575 | 68.1% |
| 2 | No | 269 | 31.9% |
| Sysmiss | | 3794 | |

## H3: taken meds for high BP

**Data file: ecu2018**

## Overview

Valid: 844     Invalid: 3794
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 1 | Yes | 376 | 44.5% |
| 2 | No | 468 | 55.5% |
| Sysmiss | | 3794 | |

## H4: seen trad'l healer for high BP

**Data file: ecu2018**

## Overview

Valid: 844     Invalid: 3794
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 1 | Yes | 44 | 5.2% |
| 2 | No | 800 | 94.8% |
| Sysmiss | | 3794 | |

## H5: taking trad'l meds for high BP

**Data file: ecu2018**

## Overview

Valid: 844     Invalid: 3794
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 1 | Yes | 132 | 15.6% |
| 2 | No | 712 | 84.4% |
| Sysmiss | | 3794 | |

## H6: gluc measured

**Data file: ecu2018**

### Overview

Valid: 4638      Invalid: 0
Type: Discrete      Decimal: 0      Range: 1 - 2      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 2283 | 49.2% |
| 2 | No | 2355 | 50.8% |

## H7A: told had high gluc

**Data file: ecu2018**

### Overview

Valid: 2283      Invalid: 2355
Type: Discrete      Decimal: 0      Range: 1 - 2      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 293 | 12.8% |
| 2 | No | 1990 | 87.2% |
| Sysmiss | | 2355 | |

## H7B: told had high gluc in past 12 mos

**Data file: ecu2018**

### Overview

Valid: 293      Invalid: 4345
Type: Discrete      Decimal: 0      Range: 1 - 2      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|

| 1 | Yes | 222 | 75.8% |
|---|---|---|---|
| 2 | No | 71 | 24.2% |
| Sysmiss | | 4345 | |

## H8: taken meds for high gluc

**Data file: ecu2018**

### Overview

Valid: 293     Invalid: 4345
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 155 | 52.9% |
| 2 | No | 138 | 47.1% |
| Sysmiss | | 4345 | |

## H9: taking insulin for high gluc

**Data file: ecu2018**

### Overview

Valid: 293     Invalid: 4345
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 40 | 13.7% |
| 2 | No | 253 | 86.3% |
| Sysmiss | | 4345 | |

## H10: seen trad'l healer for high gluc

**Data file: ecu2018**

### Overview

Valid: 293     Invalid: 4345
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 1 | Yes | 14 | 4.8% |
| 2 | No | 279 | 95.2% |
| Sysmiss | | 4345 | |

## H11: taking trad'l meds for high gluc

**Data file: ecu2018**

### Overview

Valid: 293     Invalid: 4345
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 1 | Yes | 78 | 26.6% |
| 2 | No | 215 | 73.4% |
| Sysmiss | | 4345 | |

## H11A: had two glycated hemoglobin tests in past 12 mos

**Data file: ecu2018**

### Overview

Valid: 293     Invalid: 4345
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 1 | Yes | 122 | 41.6% |
| 2 | No | 168 | 57.3% |
| 77 | Don't know | 3 | 1% |
| Sysmiss | | 4345 | |

## H11B: eyes last examined

**Data file: ecu2018**

### Overview

Valid: 293     Invalid: 4345
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | En los últimos dos años | 70 | 23.9% |
| 2 | Hace más de un año | 33 | 11.3% |
| 3 | Nunca | 188 | 64.2% |
| 77 | No sé | 2 | 0.7% |
| Sysmiss | | 4345 | |

## H11C: feet last examined

**Data file: ecu2018**

### Overview

Valid: 293     Invalid: 4345
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | En los últimos dos años | 48 | 16.4% |
| 2 | Hace más de un año | 14 | 4.8% |
| 3 | Nunca | 231 | 78.8% |
| 77 | No sé | 0 | 0% |
| Sysmiss | | 4345 | |

## H12: chol measured

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 2386 | 51.4% |
| 2 | No | 2252 | 48.6% |

## H13A: told had high chol

**Data file: ecu2018**

**Overview**

Valid: 2386     Invalid: 2252
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 981 | 41.1% |
| 2 | No | 1405 | 58.9% |
| Sysmiss | | 2252 | |

## H13B: told had high chol in past 12 mos

**Data file: ecu2018**

**Overview**

Valid: 981     Invalid: 3657
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 567 | 57.8% |
| 2 | No | 414 | 42.2% |
| Sysmiss | | 3657 | |

## H14: taken meds for high chol

**Data file: ecu2018**

## Overview

Valid: 981     Invalid: 3657
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 200 | 20.4% |
| 2 | No | 781 | 79.6% |
| Sysmiss | | 3657 | |

## H15: seen trad'l healer for high chol

**Data file: ecu2018**

## Overview

Valid: 981     Invalid: 3657
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 21 | 2.1% |
| 2 | No | 960 | 97.9% |
| Sysmiss | | 3657 | |

## H16: taking trad'l meds for high chol

**Data file: ecu2018**

## Overview

Valid: 981     Invalid: 3657
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 291 | 29.7% |
| 2 | No | 690 | 70.3% |
| Sysmiss | | 3657 | |

## H17: had heart attack or stroke

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 1 | Yes | 391 | 8.4% |
| 2 | No | 4247 | 91.6% |

## H18: currently taking aspirin

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 1 | Yes | 155 | 3.3% |
| 2 | No | 4483 | 96.7% |

## H19: currently taking statins

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 1 | Yes | 106 | 2.3% |

| 2 | No | 4532 | 97.7% |
|---|----|------|-------|

## H20: saw doctor or health worker in past 12 mos

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 2753 | 59.4% |
| 2 | No | 1885 | 40.6% |

## H20A: advised to not smoke

**Data file: ecu2018**

### Overview

Valid: 2753     Invalid: 1885
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 696 | 25.3% |
| 2 | No | 2057 | 74.7% |
| Sysmiss | | 1885 | |

## H20B: advised to reduce salt

**Data file: ecu2018**

### Overview

Valid: 2753     Invalid: 1885
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 1537 | 55.8% |
| 2 | No | 1216 | 44.2% |
| Sysmiss | | 1885 | |

## H20C: advised to eat fruit/veg

**Data file: ecu2018**

**Overview**

Valid: 2753     Invalid: 1885
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 1972 | 71.6% |
| 2 | No | 781 | 28.4% |
| Sysmiss | | 1885 | |

## H20D: advised to reduce fat

**Data file: ecu2018**

**Overview**

Valid: 2753     Invalid: 1885
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 2017 | 73.3% |
| 2 | No | 736 | 26.7% |
| Sysmiss | | 1885 | |

## H20E: advised to do pa

**Data file: ecu2018**

**Overview**

Valid: 2753     Invalid: 1885

Type: Discrete      Decimal: 0      Range: 1 - 2      Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-----|
| 1 | Yes | 1816 | 66% |
| 2 | No | 937 | 34% |
| Sysmiss | | 1885 | |

## H20F: advised to lose weight

**Data file: ecu2018**

**Overview**

Valid: 2753      Invalid: 1885
Type: Discrete      Decimal: 0      Range: 1 - 2      Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 1 | Yes | 1822 | 66.2% |
| 2 | No | 931 | 33.8% |
| Sysmiss | | 1885 | |

## H20G: advised to reduce sugary beverages

**Data file: ecu2018**

**Overview**

Valid: 2753      Invalid: 1885
Type: Discrete      Decimal: 0      Range: 1 - 2      Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 1 | Yes | 1800 | 65.4% |
| 2 | No | 953 | 34.6% |
| Sysmiss | | 1885 | |

## CX1: cerv cancer screening

**Data file: ecu2018**

**Overview**

Valid: 2694     Invalid: 1944
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 1679 | 62.3% |
| 2 | No | 1003 | 37.2% |
| 77 | Don't know | 12 | 0.4% |
| Sysmiss | | 1944 | |

## S1: had faecal occult blood test

**Data file: ecu2018**

**Overview**

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 838 | 18.1% |
| 2 | No | 3800 | 81.9% |

## S2: had colonoscopy

**Data file: ecu2018**

**Overview**

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 281 | 6.1% |

| 2 | No | 4357 | 93.9% |

## S3: men: had prostate exam

**Data file: ecu2018**

### Overview

Valid: 1944     Invalid: 2694
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 314 | 16.2% |
| 2 | No | 1630 | 83.8% |
| Sysmiss | | 2694 | |

## S4: women: taught how to examine breast

**Data file: ecu2018**

### Overview

Valid: 2694     Invalid: 1944
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 1442 | 53.5% |
| 2 | No | 1252 | 46.5% |
| Sysmiss | | 1944 | |

## S5: last time breast examined

**Data file: ecu2018**

### Overview

Valid: 2694     Invalid: 1944
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Hace 1 aÃ±o o menos | 599 | 22.2% |
| 2 | Entre 1 a 2 aÃ±os | 339 | 12.6% |
| 3 | MÃ¡s de 2 aÃ±os | 561 | 20.8% |
| 4 | Nunca | 1189 | 44.1% |
| 77 | No sÃ© | 6 | 0.2% |
| Sysmiss | | 1944 | |

## S6: last time had mammogram

**Data file: ecu2018**

**Overview**

Valid: 2694     Invalid: 1944
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | aÃ±o o menos | 232 | 8.6% |
| 2 | Entre 1 a 2 aÃ±os | 140 | 5.2% |
| 3 | MÃ¡s de 2 aÃ±os | 352 | 13.1% |
| 4 | Nunca | 1963 | 72.9% |
| 77 | No sÃ© | 7 | 0.3% |
| Sysmiss | | 1944 | |

## O1: number natural teeth

**Data file: ecu2018**

**Overview**

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|

| 1 | No natural teeth | 161 | 3.5% |
|---|---|---|---|
| 2 | 1 to 9 teeth | 282 | 6.1% |
| 3 | 10 to 19 teeth | 738 | 15.9% |
| 4 | 20 teeth or more | 3418 | 73.7% |
| 77 | Don't know | 39 | 0.8% |

## O2: state of teeth

**Data file: ecu2018**

**Overview**

Valid: 4477      Invalid: 161
Type: Discrete      Decimal: 0      Range: 1 - 77      Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Excellent | 136 | 3% |
| 2 | Very Good | 422 | 9.4% |
| 3 | Good | 1833 | 40.9% |
| 4 | Average | 1655 | 37% |
| 5 | Poor | 395 | 8.8% |
| 6 | Very Poor | 31 | 0.7% |
| 77 | Don't Know | 5 | 0.1% |
| Sysmiss | | 161 | |

## O3: state of gums

**Data file: ecu2018**

**Overview**

Valid: 4477      Invalid: 161
Type: Discrete      Decimal: 0      Range: 1 - 77      Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Excellent | 189 | 4.2% |
| 2 | Very Good | 497 | 11.1% |
| 3 | Good | 2312 | 51.6% |

| 4 | Average | 1229 | 27.5% |
|---|---|---|---|
| 5 | Poor | 223 | 5% |
| 6 | Very Poor | 17 | 0.4% |
| 77 | Don't Know | 10 | 0.2% |
| Sysmiss | | 161 | |

## O4: has removable dentures

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 1115 | 24% |
| 2 | No | 3523 | 76% |

## O5A: has upper denture

**Data file: ecu2018**

### Overview

Valid: 1115     Invalid: 3523
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 1084 | 97.2% |
| 2 | No | 31 | 2.8% |
| Sysmiss | | 3523 | |

## O5B: has lower denture

**Data file: ecu2018**

### Overview

Valid: 1115     Invalid: 3523

Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 314 | 28.2% |
| 2 | No | 801 | 71.8% |
| Sysmiss | | 3523 | |

## O6: pain in teeth, gums or mouth in past 12 mos

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 1703 | 36.7% |
| 2 | No | 2935 | 63.3% |

## O7: time since last dentist visit

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 6     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Less than 6 months | 1548 | 33.4% |
| 2 | 6-12 months | 986 | 21.3% |
| 3 | More than 1 year but less than 2 years | 682 | 14.7% |
| 4 | 2 or more years but less than 5 years | 712 | 15.4% |
| 5 | 5 or more years | 577 | 12.4% |
| 6 | Never received dental care | 133 | 2.9% |

## O8: main reason for last dentist visit

**Data file: ecu2018**

### Overview

Valid: 4505    Invalid: 133
Type: Discrete    Decimal: 0    Range: 1 - 5    Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Consultation / advice | 1351 | 30% |
| 2 | Pain or trouble with teeth, gums or mouth | 2347 | 52.1% |
| 3 | Treatment / Follow-up treatment | 518 | 11.5% |
| 4 | Routine check-up treatment | 221 | 4.9% |
| 5 | Other | 68 | 1.5% |
| Sysmiss | | 133 | |

## O8OTHER: other reason for dentist visit

**Data file: ecu2018**

### Overview

Valid: 68    Invalid: 0
Type: Discrete    Width: 92    Range: -    Format: character

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| CO,OCACION DE PLACAS | | 1 | 1.5% |
| Calzar el diente roto | | 1 | 1.5% |
| Cambio de placas , superior y inferior que lo realiza cada 4 aÃ±os | | 1 | 1.5% |
| ColocaciÃ³n de NUEVA placa | | 1 | 1.5% |
| Curacion de caries | | 1 | 1.5% |
| DESDE QUE PUSO LA PLACA NO VOLVIO IR AL MEDICO | | 1 | 1.5% |
| Dolor de encias | | 1 | 1.5% |
| Extraccion de terceros molares | | 2 | 2.9% |
| Extraccion de una pieza dental | | 1 | 1.5% |
| ExtracciÃ³n de muela,limpieza de conducto | | 1 | 1.5% |

| | | | |
|---|---|---|---|
| FUE AL ODONTOLOGÃ?A PARA HACER PLACAS DENTALES NUEVAS , NO TIENE NINGUNA PIEZA DENTAL PROPIA | | 1 | 1.5% |
| Fue cuando le pusieron la placa hace 25 aÃ±os | | 1 | 1.5% |
| HACER CALSAR UNA MUELA | | 1 | 1.5% |
| HACER SE LIMPIEZA | | 1 | 1.5% |
| Hacer poner la placas | | 1 | 1.5% |
| Hacer poner las placas | | 1 | 1.5% |
| LA ULTIMA VEZ SE FUE A PONER LA DENTADURA | | 1 | 1.5% |
| LIM PIEZA TOTAL DE LA DENTADURA | | 1 | 1.5% |
| LIMPIEZA BUCAL | | 2 | 2.9% |
| LIMPIEZA DE DIENTES | | 2 | 2.9% |
| LIMPIEZA DE DIENTES Y CURACIONES | | 1 | 1.5% |
| LIUEZA DE LOS DIENTES | | 1 | 1.5% |
| Le PUSIERON LAS DENTADURAS POSTIZAS | | 1 | 1.5% |
| Le estaban doliendo las cordales q le estaban saliendo | | 1 | 1.5% |
| Le pusieron las placas dentales hace 25 aÃ±os | | 1 | 1.5% |
| Le sacaron las cordales | | 1 | 1.5% |
| Le sacaron una cordal | | 1 | 1.5% |
| Limpieza | | 9 | 13.2% |
| Limpieza de los dientes | | 2 | 2.9% |
| PO ER PLACA SUPERIOR | | 1 | 1.5% |
| POR CALSACION DE DIENTES | | 1 | 1.5% |
| POR COLOCACION DE IMPLANTES | | 1 | 1.5% |
| POR COLOCACION DE PLACA | | 1 | 1.5% |
| POR EMBARAZO | | 1 | 1.5% |
| POR HACER CALSAR EL DIENTE | | 1 | 1.5% |
| POR INFECCION A LAS ENCIAS | | 1 | 1.5% |
| POR REVICION DE LA PLACA | | 1 | 1.5% |
| Para q le pongan la placa | | 1 | 1.5% |
| Para q le pongan las placas | | 1 | 1.5% |
| Para que el doctor le haga nueva dentadura | | 1 | 1.5% |
| Poner dentadura postiza | | 1 | 1.5% |
| Poner dentadura postiza placa superior | | 1 | 1.5% |
| Ponerse la prÃ³tesis o placa | | 1 | 1.5% |
| Por las cordales | | 1 | 1.5% |
| RAPARACION DE CALSA DE 1 DIENTE | | 1 | 1.5% |
| Restauracion de la placa. | | 1 | 1.5% |
| SE FUE CUANDO SE COLOCO LAS PLACAS DENTALES | | 1 | 1.5% |
| SE FUE CUANDO SE puso la placa | | 1 | 1.5% |

| | | | |
|---|---|---|---|
| SE SALIÃ" UN DIENTE DE LA PLACA. MAXILO SUPERIOR | | 1 | 1.5% |
| SE estuvo poniendo placÃ¡ superior | | 1 | 1.5% |
| Se fue al odontÃ³logo porque le raspaba las encÃas la dentadura postiza | | 1 | 1.5% |
| Se revisÃ³ un calce | | 1 | 1.5% |
| Se saco todas las muelas para ponerse la dentadura postiza | | 1 | 1.5% |
| TRATAMIENTO DE ORTODONCIA | | 1 | 1.5% |
| Tratamiento de la dentadura que se puso | | 1 | 1.5% |
| colocaciÃ³n de la placa | | 1 | 1.5% |

## O9: frequency of cleaning teeth

**Data file: ecu2018**

### Overview

Valid: 4638      Invalid: 0
Type: Discrete      Decimal: 0      Range: 1 - 7      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Never | 12 | 0.3% |
| 2 | Once a month | 3 | 0.1% |
| 3 | 2-3 times a month | 13 | 0.3% |
| 4 | Once a week | 19 | 0.4% |
| 5 | 2-6 times a week | 47 | 1% |
| 6 | Once a day | 625 | 13.5% |
| 7 | Twice or more a day | 3919 | 84.5% |

## O10: use toothpaste to clean teeth

**Data file: ecu2018**

### Overview

Valid: 4626      Invalid: 12
Type: Discrete      Decimal: 0      Range: 1 - 2      Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 4584 | 99.1% |

| 2 | No | 42 | 0.9% |
|---|---|---|---|
| Sysmiss | | 12 | |

## O11: toothpaste used has fluoride

**Data file: ecu2018**

### Overview

Valid: 4584     Invalid: 54
Type: Discrete     Decimal: 0     Range: 1 - 77     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 4521 | 98.6% |
| 2 | No | 38 | 0.8% |
| 77 | Don't know | 25 | 0.5% |
| Sysmiss | | 54 | |

## O13A: had problem in past 12 mos: Difficulty in chewing foods

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 1104 | 23.8% |
| 2 | No | 3534 | 76.2% |

## O13B: had problem in past 12 mos: Difficulty with speech/trouble pronouncing words

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 453 | 9.8% |
| 2 | No | 4185 | 90.2% |

## O13C: had problem in past 12 mos: Felt tense because of problems with teeth or mouth

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 672 | 14.5% |
| 2 | No | 3966 | 85.5% |

## O13F: had problem in past 12 mos: Sleep is often interrupted

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 488 | 10.5% |
| 2 | No | 4150 | 89.5% |

## O13G: had problem in past 12 mos: Days not at work because of teeth or mouth

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0

Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 206 | 4.4% |
| 2 | No | 4432 | 95.6% |

## O13I: had problem in past 12 mos: Less tolerant of spouse or people close to you

**Data file: ecu2018**

**Overview**

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 463 | 10% |
| 2 | No | 4175 | 90% |

## O13J: had problem in past 12 mos: Reduced participation in social activities

**Data file: ecu2018**

**Overview**

Valid: 4638     Invalid: 0
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 254 | 5.5% |
| 2 | No | 4384 | 94.5% |

## M3: cuff size

**Data file: ecu2018**

## Overview

Valid: 4543    Invalid: 95
Type: Discrete    Decimal: 0    Range: 2 - 2    Format: Numeric

## Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 2 | Medium | 4543 | 100% |
| Sysmiss | | 95 | |

## M4A: BP reading 1: systolic

**Data file: ecu2018**

### Overview

Valid: 4543    Invalid: 95    Minimum: 40    Maximum: 888    Mean: 124.015    Standard deviation: 33.266
Type: Continuous    Decimal: 0    Range: 40 - 888    Format: Numeric

## M4B: BP reading 1: diastolic

**Data file: ecu2018**

### Overview

Valid: 4543    Invalid: 95    Minimum: 30    Maximum: 888    Mean: 78.176    Standard deviation: 31.765
Type: Continuous    Decimal: 0    Range: 30 - 888    Format: Numeric

## M5A: BP reading 2: systolic

**Data file: ecu2018**

### Overview

Valid: 4537    Invalid: 101    Minimum: 40    Maximum: 225    Mean: 120.149    Standard deviation: 17.168
Type: Continuous    Decimal: 0    Range: 40 - 225    Format: Numeric

## M5B: BP reading 2: diastolic

**Data file: ecu2018**

### Overview

Valid: 4537    Invalid: 101    Minimum: 30    Maximum: 155    Mean: 76.057    Standard deviation: 11.59
Type: Continuous    Decimal: 0    Range: 30 - 155    Format: Numeric

## M6A: BP reading 3: systolic

**Data file: ecu2018**

### Overview

Valid: 4537     Invalid: 101     Minimum: 40     Maximum: 216     Mean: 119.058     Standard deviation: 16.761
Type: Continuous     Decimal: 0     Range: 40 - 216     Format: Numeric

## M6B: BP reading 3: diastolic

**Data file: ecu2018**

### Overview

Valid: 4537     Invalid: 101     Minimum: 30     Maximum: 140     Mean: 75.697     Standard deviation: 11.43
Type: Continuous     Decimal: 0     Range: 30 - 140     Format: Numeric

## M7: took raised BP meds in past 2 weeks

**Data file: ecu2018**

### Overview

Valid: 4543     Invalid: 95
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 406 | 8.9% |
| 2 | No | 4137 | 91.1% |
| Sysmiss | | 95 | |

## M8: pregnant

**Data file: ecu2018**

### Overview

Valid: 2644     Invalid: 1994
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 1 | Yes | 62 | 2.3% |
| 2 | No | 2582 | 97.7% |

| Sysmiss | | 1994 | |
|---------|--|------|--|

## M9: interviewer ID

**Data file: ecu2018**

### Overview

Valid: 4481     Invalid: 157     Minimum: 1     Maximum: 60     Mean: 21.636     Standard deviation: 12.393
Type: Continuous     Decimal: 0     Range: 1 - 60     Format: Numeric

## M10A: height device ID

**Data file: ecu2018**

### Overview

Valid: 4481     Invalid: 157     Minimum: 1     Maximum: 60     Mean: 21.636     Standard deviation: 12.393
Type: Continuous     Decimal: 0     Range: 1 - 60     Format: Numeric

## M10B: weight device ID

**Data file: ecu2018**

### Overview

Valid: 4481     Invalid: 157     Minimum: 1     Maximum: 60     Mean: 21.636     Standard deviation: 12.393
Type: Continuous     Decimal: 0     Range: 1 - 60     Format: Numeric

## M11: height (cm)

**Data file: ecu2018**

### Overview

Valid: 4481     Invalid: 157     Minimum: 123.5     Maximum: 888     Mean: 159.303     Standard deviation: 30.314
Type: Continuous     Decimal: 0     Range: 123.5 - 888     Format: Numeric

## M12: weight (kg)

**Data file: ecu2018**

### Overview

Valid: 4481     Invalid: 157     Minimum: 33.4     Maximum: 888     Mean: 69.886     Standard deviation: 34.429
Type: Continuous     Decimal: 0     Range: 33.4 - 888     Format: Numeric

## M13: waist circ device ID

**Data file: ecu2018**

## Overview

Valid: 4481     Invalid: 157     Minimum: 1     Maximum: 60     Mean: 21.636     Standard deviation: 12.393
Type: Continuous     Decimal: 0     Range: 1 - 60     Format: Numeric

## M14: waist circumference (cm)

**Data file: ecu2018**

## Overview

Valid: 4481     Invalid: 157     Minimum: 57     Maximum: 888     Mean: 91.303     Standard deviation: 31.544
Type: Continuous     Decimal: 0     Range: 57 - 888     Format: Numeric

## M16A: heart rate reading 1

**Data file: ecu2018**

## Overview

Valid: 4543     Invalid: 95     Minimum: 30     Maximum: 888     Mean: 76.267     Standard deviation: 32.158
Type: Continuous     Decimal: 0     Range: 30 - 888     Format: Numeric

## M16B: heart rate reading 2

**Data file: ecu2018**

## Overview

Valid: 4537     Invalid: 101     Minimum: 30     Maximum: 179     Mean: 75.697     Standard deviation: 12.596
Type: Continuous     Decimal: 0     Range: 30 - 179     Format: Numeric

## M16C: heart rate reading 3

**Data file: ecu2018**

## Overview

Valid: 4537     Invalid: 101     Minimum: 30     Maximum: 152     Mean: 75.944     Standard deviation: 12.142
Type: Continuous     Decimal: 0     Range: 30 - 152     Format: Numeric

## B1: fasting for past 12 hrs

**Data file: ecu2018**

## Overview

Valid: 4078     Invalid: 560
Type: Discrete     Decimal: 0     Range: 1 - 2     Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 1 | Yes | 38 | 0.9% |
| 2 | No | 4040 | 99.1% |
| Sysmiss | | 560 | |

## B5: fasting blood glucose (mg/dl)

**Data file: ecu2018**

### Overview

Valid: 4040    Invalid: 598    Minimum: 5    Maximum: 439    Mean: 94.431    Standard deviation: 36.435
Type: Continuous    Decimal: 0    Range: 5 - 439    Format: Numeric

## B6: took insulin today

**Data file: ecu2018**

### Overview

Valid: 4078    Invalid: 560
Type: Discrete    Decimal: 0    Range: 1 - 2    Format: Numeric

### Questions and instructions

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|-------|
| 1 | Yes | 101 | 2.5% |
| 2 | No | 3977 | 97.5% |
| Sysmiss | | 560 | |

## B8: total cholesterol (mg/dl)

**Data file: ecu2018**

### Overview

Valid: 4078    Invalid: 560    Minimum: 5    Maximum: 386    Mean: 173.282    Standard deviation: 49.336
Type: Continuous    Decimal: 0    Range: 5 - 386    Format: Numeric

## B9: chol meds taken in past 2 weeks

**Data file: ecu2018**

### Overview

Valid: 4078    Invalid: 560
Type: Discrete    Decimal: 0    Range: 1 - 2    Format: Numeric

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|-------|----------|-------|------|
| 1 | Yes | 66 | 1.6% |
| 2 | No | 4012 | 98.4% |
| Sysmiss | | 560 | |

## WSTEP1: final analysis weight for step 1 variables (interview)

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0     Minimum: 165.354     Maximum: 15087.286     Mean: 2209.868     Standard deviation: 1548.33

Type: Continuous     Decimal: 0     Range: 165.353586214332 - 15087.286038086     Format: Numeric

## WSTEP2: final analysis weight for step 2 variables (physical measures)

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0     Minimum: 165.354     Maximum: 15087.286     Mean: 2209.868     Standard deviation: 1548.33

Type: Continuous     Decimal: 0     Range: 165.353586214332 - 15087.286038086     Format: Numeric

## WSTEP3: final analysis weight for step 3 variables (biochemical measures)

**Data file: ecu2018**

### Overview

Valid: 4348     Invalid: 290     Minimum: 165.658     Maximum: 20783.158     Mean: 2357.261     Standard deviation: 1739.363

Type: Continuous     Decimal: 0     Range: 165.657589876751 - 20783.1581557895     Format: Numeric

## AGERANGE: ageranges for which survey was designed

**Data file: ecu2018**

### Overview

Valid: 4638     Invalid: 0

Type: Discrete     Width: 5     Range: -     Format: character

**Questions and instructions**

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| 18-44 | | 2801 | 60.4% |
| 45-69 | | 1837 | 39.6% |

CATEGORIES

| Value | Category | Cases | |
|---|---|---|---|
| | | 2801 | 60.4% |
| | | 1837 | 39.6% |

# study_resources

## questionnaires

### Questionnaire (Spanish)

title        Questionnaire (Spanish)
country   Ecuador
filename STEPS_Ecuador_2018_Questionnaire_ES.pdf

### Step 1 and 2 Questionnaire (xlsform format)

title        Step 1 and 2 Questionnaire (xlsform format)
country   Ecuador
filename ecusteps_12.xls

### Step 3 Questionnaire (xlsform format)

title        Step 3 Questionnaire (xlsform format)
country   Ecuador
filename ecusteps_3.xls

### reports

### STEPS Ecuador 2018 Fact Sheet (English)

title        STEPS Ecuador 2018 Fact Sheet (English)
country   Ecuador
filename STEPS_Ecuador_2018_FactSheet_EN.pdf

### STEPS Ecuador 2018 Fact Sheet (Spanish)

title        STEPS Ecuador 2018 Fact Sheet (Spanish)
country   Ecuador
filename STEPS_Ecuador_2018_FactSheet_ES.pdf

### Report (Spanish)

title        Report (Spanish)
filename STEPS_Ecuador_2018_informe_final.pdf

### technical_documents

### Generic STEPS Questionnaire (version 3.2)

title        Generic STEPS Questionnaire (version 3.2)
filename STEPS_Instrument_V3_2.pdf