

# Ecuador - IV Censo de Población y III de Vivienda 1982 - IPUMS Subset

**Instituto Nacional de Estadística y Censos, Minnesota Population Center**

Report generated on: August 27, 2019

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## Overview

### Identification

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#### ID NUMBER

ECU\_1982\_PHC\_v01\_M\_v03\_A\_IPUMS

### Version

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#### VERSION DESCRIPTION

Version 6.4. The datasets contain selected variables from the original census microdata plus harmonized variables from the IPUMS-International database.

In v6.4, the research team continued to carry out improvements to geography, providing harmonized geographic units for the second administrative level for roughly half the countries. More information about IPUMS geography variables is available [here](https://international.ipums.org/international/geography_variables.shtml). Also, approximately 100 integrated variables were renamed. Affected variables with their current and previous names are listed [here](https://international.ipums.org/international/resources/misc_docs/renamed_variables_sept2015.pdf). Geography variable also underwent wholesale renaming.

In this update, IPUMS added 19 new samples for Armenia, Austria, Costa Rica, Ethiopia, France, Ghana, Mozambique, Paraguay, Portugal, Puerto Rico, South Africa, and Spain. Ethiopia, Mozambique, and Paraguay were newly added countries to IPUMS. Samples for other countries extend pre-existing series for those countries.

#### PRODUCTION DATE

2016-04-25

### Overview

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#### ABSTRACT

IPUMS-International is an effort to inventory, preserve, harmonize, and disseminate census microdata from around the world. The project has collected the world's largest archive of publicly available census samples. The data are coded and documented consistently across countries and over time to facilitate comparative research. IPUMS-International makes these data available to qualified researchers free of charge through a web dissemination system.

The IPUMS project is a collaboration of the Minnesota Population Center, National Statistical Offices, and international data archives. Major funding is provided by the U.S. National Science Foundation and the Demographic and Behavioral Sciences Branch of the National Institute of Child Health and Human Development. Additional support is provided by the University of Minnesota Office of the Vice President for Research, the Minnesota Population Center, and Sun Microsystems.

#### KIND OF DATA

Census/enumeration data [cen]

#### UNITS OF ANALYSIS

Dwelling

#### UNITS IDENTIFIED:

- Dwellings: Not available in microdata sample
- Vacant units: Yes
- Households: Yes
- Individuals: Yes

- Group quarters: Yes

#### UNIT DESCRIPTIONS:

- Dwellings: Housing premises meant for habitation, which even when it may not have been originally built for housing people, is being occupied as a dwelling at the time the Census is taken.

- Households: House or villa, Apartment, room in a rooming house, ?mediagua? (construction with roof sloping in only one direction), ranch, shack, other.

- Group quarters: Hotel or pension, military or police barracks, hospital, convent, boarding school, other.

#### TOPICS

Topic	Vocabulary	URI
Technical Household Variables -- HOUSEHOLD	IPUMS	
Group Quarters Variables -- HOUSEHOLD	IPUMS	
Geography: Global Variables -- HOUSEHOLD	IPUMS	
Utilities Variables -- HOUSEHOLD	IPUMS	
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS	
Constructed Household Variables -- HOUSEHOLD	IPUMS	
Technical Person Variables -- PERSON	IPUMS	
Constructed Family Interrelationship Variables -- PERSON	IPUMS	
Demographic Variables -- PERSON	IPUMS	
Fertility and Mortality Variables -- PERSON	IPUMS	
Nativity and Birthplace Variables -- PERSON	IPUMS	
Education Variables -- PERSON	IPUMS	
Work Variables -- PERSON	IPUMS	
Household Economic Variables -- HOUSEHOLD	IPUMS	
Geography: A-L Variables -- HOUSEHOLD	IPUMS	
Migration Variables -- PERSON	IPUMS	
Work: Occupation Variables -- PERSON	IPUMS	
Work: Industry Variables -- PERSON	IPUMS	

## Coverage

#### GEOGRAPHIC COVERAGE

National coverage

#### GEOGRAPHIC UNIT

Cantons with 20,000+ population in 2001

#### UNIVERSE

Everyone who spent the night of November 27 to November 28 in a Dwelling in Ecuador. Including individuals who usually reside at the household, but were away for special reasons (e.g. physicians, army personnel, fishermen).

## Producers and Sponsors

## PRIMARY INVESTIGATOR(S)

Name	Affiliation
Instituto Nacional de Estadística y Censos	
Minnesota Population Center	University of Minnesota

## Metadata Production

## METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Minnesota Population Center	MPC	University of Minnesota	Integration Harmonization Documentation

## DATE OF METADATA PRODUCTION

2016-04-25

## DDI DOCUMENT VERSION

- v6.4 April 2016

Documentation of census data and harmonized variables as found in IPUMS-International. The International Household Survey Network (IHSN) contracted IPUMS International for generating DDI and Dublin Core-compliant metadata related to population and housing census datasets from developing countries. The objective was to provide countries with detailed metadata in a format compatible with the DDI standard used by most of these countries, with a view to guarantee the preservation of the data and metadata, and the publishing of metadata.

The intellectual rights (including copyright) for the data and metadata in IPUMS are retained by the countries under a Memorandum of Understanding with the contributing countries. IPUMS-International has distribution rights to the metadata and data. The XML documents generated by this process are viewed as a distribution of the metadata.

Fields edited by the World Bank are: DDI ID and study ID to match World Bank study naming convention, as well as DDI Document Version and Version Description to reflect changes included in version 6.4.

Previous version documented in the World Bank Microdata Library:

- v6.3 (August 2014)

## DDI DOCUMENT ID

DDI\_ECU\_1982\_PHC\_v01\_M\_v03\_A\_IPUMS

# Sampling

## Sampling Procedure

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MICRODATA SOURCE: Celade

SAMPLE DESIGN: Systematic sample of every 10th household.

SAMPLE UNIT: Household

SAMPLE FRACTION: 10%

SAMPLE SIZE (person records): 806,834

# Questionnaires

## Overview

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A single enumeration form that requested information on dwellings and individuals, but the field work was divided into urban and rural enumerator's manuals.

## Data Collection

### Data Collection Dates

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Start	End	Cycle
1982-11-28	1982-12-06	N/A

### Time Periods

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Start	End	Cycle
1982-11-28	1982-11-28	N/A

### Data Collection Mode

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Face-to-face [f2f]

### Data Collection Notes

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De facto, FIELD WORK PERIOD: Urban population in one day and rural population in eight days.

### Questionnaires

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A single enumeration form that requested information on dwellings and individuals, but the field work was divided into urban and rural enumerator's manuals.

### Supervision

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Face to face interview (direct enumeration) conducted by trained personnel. The enumerators were teachers and students.

## Data Processing

No content available

# Data Appraisal

No content available

## File Description

# Variable List

**ECU1982-H-H**

Content	Household records
Cases	0
Variable(s)	53
Structure	Type: relational Keys: SERIAL(Household serial number)
Version	Version 6.4, IPUMS sample
Producer	Minnesota Population Center
Missing Data	

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1	RECTYPE	Record type	discrete	character	
V2	YEAR	Year	discrete	numeric	
V3	SAMPLE	IPUMS sample identifier	discrete	numeric	
V4	SERIAL	Household serial number	contin	numeric	
V5	PERSONS	Number of person records in the household	contin	numeric	
V6	SUBSAMP	Subsample number	discrete	numeric	
V7	GQ	Group quarters (collective dwelling) status	discrete	numeric	
V8	UNREL	Number of unrelated persons	discrete	numeric	
V9	REGIONW	Continent and region of country	discrete	numeric	
V10	WATSUP	Water supply	discrete	numeric	
V11	SEWAGE	Sewage	discrete	numeric	
V12	ROOMS	Number of rooms	discrete	numeric	
V13	KITCHEN	Kitchen or cooking facilities	discrete	numeric	
V14	TOILET	Toilet	discrete	numeric	
V15	FLOOR	Floor material	discrete	numeric	
V16	HHTYPE	Household classification	discrete	numeric	
V17	NFAMS	Number of families in household	discrete	numeric	
V18	HEADLOC	Head's location in household	contin	numeric	
V19	HHDONATE	Donated household	discrete	numeric	
V20	GEOLEV1	1st subnational geographic level, world [consistent boundaries over time]	discrete	numeric	
V21	EC1982A_0001	Dwelling/household number	contin	numeric	Dwelling/household number
V22	EC1982A_0003	Number of persons in household	discrete	numeric	Number of persons in household
V23	EC1982A_0043	Household created by splitting apart a large dwelling	discrete	numeric	Household created by splitting apart a large dwelling

V24	EC1982A_0016	Type of dwelling	discrete	numeric	1. Dwelling type Private [] 01 House or villa [] 02 Apartment [] 03 Rooms in a tenement [] 04 Mediagua (small unit with sloped roof ) [] 05 Rancho (poor construction possibly with cane or straw roof) or shack (covacha) [] 06 Rustic cabin (choza) [] 07 Others [] 08 Places not intended for use as a dwelling Collective [] 11 Hotel, inn or boarding house [] 12 Military or police barracks [] 13 Hospital, clinic, etc. [] 14 Convent, religious institution [] 15 Others If a collective dwelling, skip to questions on population.
V25	EC1982A_0017	Dwelling occupancy status	discrete	numeric	2. Occupancy of the dwelling [] 1 Occupied, with people present [] 2 Occupied, with people absent [] 3 Unoccupied [] 4 Under construction
V26	EC1982A_0018	Predominant roof material	discrete	numeric	3. Predominant materials in the dwelling A. Roof or covering [] 1 Reinforced cement roof (Losa de hormigón) [] 2 Asbestos (Eternit), Ardex or similar [] 3 Zinc or similar [] 4 Tile [] 5 Straw or similar [] 6 Other materials
V27	EC1982A_0019	Predominant wall material	discrete	numeric	3. Predominant materials in the dwelling B. Exterior walls [] 1 Cement, brick or block [] 2 Adobe or mud wall (tapia) [] 3 Wood [] 4 Covered cane [] 5 Uncovered cane [] 6 Other materials
V28	EC1982A_0020	Predominant floor material	discrete	numeric	3. Predominant materials in the dwelling C. Floor [] 1 Wood [] 2 Parquet, floor tile or vinyl [] 3 Brick or cement [] 4 Cane [] 5 Earth [] 6 Other materials
V29	EC1982A_0021	Ownership	discrete	numeric	4. Tenure of the dwelling The dwelling is: [] 1 Owned [] 2 Rented [] 3 Free [] 4 For services [] 5 Other (for example, sharecropping)
V30	EC1982A_0022	Water supply	discrete	numeric	5. Water is supplied to the dwelling via: Public system [] 1 Inside the dwelling [] 2 Outside the dwelling but within the building [] 3 Outside of the building Other sources: [] 4 Well or spring [] 5 River or stream [] 6 Delivery truck [] 7 Other
V31	EC1982A_0023	Toilet facilities	discrete	numeric	6. What toilet facilities (W.C.) are available in the dwelling? [] 1 Toilet for exclusive use of the dwelling [] 2 Shared use toilet [] 3 Latrine [] 4 None
V32	EC1982A_0024	Wastewater	discrete	numeric	7. The wastewater elimination system for this dwelling is: [] 1 By public sewer system [] 2 Septic tank [] 3 None
V33	EC1982A_0025	Electrical service	discrete	numeric	8. The electric service available in the dwelling is: [] 1 From public system [] 2 From private generator [] 3 None
V34	EC1982A_0026	Number of rooms	discrete	numeric	9. How many rooms in total does the dwelling have? ____ (Not including kitchen or bathroom)
V35	EC1982A_0027	Number of sleeping rooms	discrete	numeric	10. Of these rooms, how many are used exclusively for sleeping? ____
V36	EC1982A_0028	Separate kitchen	discrete	numeric	11. Does the dwelling have a separate room for cooking? [] 1 Yes [] 2 No

V37	EC1982A_0029	Fuel used for cooking	discrete	numeric	12. What is the primary fuel used for cooking? [] 1 Kerosene or gasoline [] 2 Wood or charcoal [] 3 Gas [] 4 Electricity [] 5 Other [] 6 None (no cooking)
V38	EC1982A_0030	Economic activity in the dwelling	discrete	numeric	13. Is any part of the dwelling used for handcrafts, small industry, business or other activities? [] 1 Only handcrafts [] 2 Only small industry [] 3 Only business [] 4 Business and handcrafts [] 5 Business and small industry [] 6 Other activities [] 7 Dwelling only
V39	EC1982A_0061	Strata	contin	numeric	Strata
V40	HHWT	Household weight	contin	numeric	
V41	GEOLEV2	2nd subnational geographic level, world [consistent boundaries over time]	discrete	numeric	
V42	GEO1_EC	Ecuador, Province 1962 - 2010 [Level 1; consistent boundaries, GIS]	discrete	numeric	
V43	GEO1_EC1982	Ecuador, Province 1982 [Level 1, GIS]	discrete	numeric	
V44	GEO2_EC	Ecuador, Canton 1962 - 2010 [Level 2; consistent boundaries, GIS]	discrete	numeric	
V45	GEO2_EC1982	Ecuador, Canton 1982 [Level 2, GIS]	discrete	numeric	
V46	NCOUPLES	Number of married couples in household	discrete	numeric	
V47	NMOTHERS	Number of mothers in household	discrete	numeric	
V48	NFATHERS	Number of fathers in household	discrete	numeric	
V49	COUNTRY	Country	discrete	numeric	
V50	ELECTRIC	Electricity	discrete	numeric	
V51	OWNERSHIP	Ownership of dwelling [general version]	discrete	numeric	
V52	OWNERSHIPD	Ownership of dwelling [detailed version]	discrete	numeric	
V53	STRATA	Strata identifier	contin	numeric	

**ECU1982-P-H**

Content	Person records
Cases	0
Variable(s)	82
Structure	Type: relational Keys: PERNUM(Person number), SERIAL(Household serial number [person version])
Version	Version 6.4, IPUMS sample
Producer	Minnesota Population Center
Missing Data	

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V54	PERNUM	Person number	contin	numeric	
V55	MOMLOC	Mother's location in household	contin	numeric	
V56	POPLOC	Father's location in household	contin	numeric	
V57	SPLOC	Spouse's location in household	contin	numeric	
V58	PARRULE	Rule for linking parent	discrete	numeric	
V59	SPRULE	Rule for linking spouse	discrete	numeric	
V60	STEPMOM	Probable stepmother	discrete	numeric	
V61	STEPPOP	Probable stepfather	discrete	numeric	
V62	POLYMAL	Man with more than one wife linked	discrete	numeric	
V63	POLY2ND	Woman is second or higher order wife	discrete	numeric	
V64	FAMUNIT	Family unit membership	contin	numeric	
V65	FAMSIZE	Number of own family members in household	discrete	numeric	
V66	NCHILD	Number of own children in household	discrete	numeric	
V67	NCHLT5	Number of own children under age 5 in household	discrete	numeric	
V68	ELDCH	Age of eldest own child in household	discrete	numeric	
V69	YNGCH	Age of youngest own child in household	discrete	numeric	
V70	RELATE	Relationship to household head [general version]	discrete	numeric	
V71	RELATED	Relationship to household head [detailed version]	discrete	numeric	
V72	AGE	Age	discrete	numeric	

V73	AGE2	Age, grouped into intervals	discrete	numeric	
V74	SEX	Sex	discrete	numeric	
V75	MARST	Marital status [general version]	discrete	numeric	
V76	MARSTD	Marital status [detailed version]	discrete	numeric	
V77	CONSENS	Consensual union	discrete	numeric	
V78	CHBORN	Children ever born	discrete	numeric	
V79	CHSURV	Children surviving	discrete	numeric	
V80	BPLEC	Province of birth, Ecuador	discrete	numeric	
V81	SCHOOL	School attendance	discrete	numeric	
V82	LIT	Literacy	discrete	numeric	
V83	EDUCEC	Educational attainment, Ecuador	discrete	numeric	
V84	EMPSTAT	Activity status (employment status) [general version]	discrete	numeric	
V85	EMPSTATD	Activity status (employment status) [detailed version]	discrete	numeric	
V86	OCCISCO	Occupation, ISCO general	discrete	numeric	
V87	OCC	Occupation, unrecoded	contin	numeric	
V88	INDGEN	Industry, general recode	discrete	numeric	
V89	IND	Industry, unrecoded	contin	numeric	
V90	CLASSWK	Status in employment (class of worker) [general version]	discrete	numeric	
V91	CLASSWKD	Status in employment (class of worker) [detailed version]	discrete	numeric	
V92	ISCO68A	Occupation, ISCO-1968, 3-digit	discrete	numeric	
V93	EC1982A_0002	Person number (within household)	discrete	numeric	Person number (within household)
V94	EC1982A_0401	Relationship to household head	discrete	numeric	2. What is your relationship to the head of the household? Mark the appropriate box. Person 1: <input type="checkbox"/> 0 Head Persons 2 and 3: <input type="checkbox"/> 1 Spouse, partner <input type="checkbox"/> 2 Son/daughter <input type="checkbox"/> 3 Son- or daughter-in-law <input type="checkbox"/> 4 Grandchild <input type="checkbox"/> 5 Parents or parents-in-law <input type="checkbox"/> 6 Other relatives <input type="checkbox"/> 7 Other non-relatives <input type="checkbox"/> 8 Domestic employee [explicitly female]
V95	EC1982A_0402	Sex	discrete	numeric	3. Are you male or female? Mark the appropriate box. <input type="checkbox"/> 1 Male <input type="checkbox"/> 2 Female
V96	EC1982A_0403	Age	discrete	numeric	4. How old are you? Write the age at last birthday. For those under one year write "00". ____ Years completed

V97	EC1982A_0404	Province of birth	discrete	numeric	5. Where were you born? If born in the rural parish or city where enumerated, mark the box Here; otherwise write the name of the rural parish or city and province. If born abroad, write just the name of the country. [] 00 Here ___ Rural parish or city ___ Province ___ Foreign country [] 99 Unknown
V98	EC1982A_0405	Canton of birth	discrete	numeric	5. Where were you born? If born in the rural parish or city where enumerated, mark the box Here; otherwise write the name of the rural parish or city and province. If born abroad, write just the name of the country. [] 00 Here ___ Rural parish or city ___ Province ___ Foreign country [] 99 Unknown
V99	EC1982A_0407	Province of habitual residence	discrete	numeric	6. In what rural parish or city do you habitually live? If the place of habitual residence is the rural parish or city where enumerated, mark the box Here; otherwise write the name of the rural parish or city and province. If living abroad, write just the name of the country. [] 00 Here ___ Rural parish or city ___ Province ___ Foreign country [] 99 Unknown
V100	EC1982A_0410	Years of residence in city or rural parish	discrete	numeric	7. How long have you lived in the place indicated? Write the period of residence in the place indicated in question 6. If living there less than one year, write "00." [] 98 Always (Skip to question 9) ___ Number of years [] 99 Unknown
V101	EC1982A_0411	Province of prior residence	discrete	numeric	8. In what rural parish or city did you live before? Write the name of the rural parish or city and province. If abroad, write just the name of the country. ___ Rural parish or city ___ Province ___ Foreign country [] 99 Unknown
V102	EC1982A_0412	Canton of prior residence	discrete	numeric	8. In what rural parish or city did you live before? Write the name of the rural parish or city and province. If abroad, write just the name of the country. ___ Rural parish or city ___ Province ___ Foreign country [] 99 Unknown
V103	EC1982A_0414	Able to read and write	discrete	numeric	For all individuals 6 years of age and older 9. Do you know how to read and write? If only able to read or only able to write mark the box "no." [] 1 Yes [] 2 No
V104	EC1982A_0415	Currently attending school	discrete	numeric	For all individuals 6 years of age and older 10. Do you attend any institution of regular schooling, whether a literacy center, primary, secondary, or post-secondary (superior)? [] 1 Yes, attending [] 2 Not attending [] 9 Unknown
V105	EC1982A_0416	Level of instruction	discrete	numeric	For all individuals 6 years of age and older 11. What is the highest grade, class or year of schooling completed in the literacy center, primary, secondary, or post-secondary school? Write the number of the highest grade, course or year completed on the corresponding line. [] 00 None ___ 1. Literacy center ___ 2. Primary ___ 3. Secondary ___ 4. Post-secondary [] 99 Unknown
V106	EC1982A_0417	Last year of schooling attained within particular degree	discrete	numeric	For all individuals 6 years of age and older 11. What is the highest grade, class or year of schooling completed in the literacy center, primary, secondary, or post-secondary school? Write the number of the highest grade, course or year completed on the corresponding line. [] 00 None ___ 1. Literacy center ___ 2. Primary ___ 3. Secondary ___ 4. Post-secondary [] 99 Unknown

V107	EC1982A_0418	Level and year of schooling attained	discrete	numeric	For all individuals 6 years of age and older 11. What is the highest grade, class or year of schooling completed in the literacy center, primary, secondary, or post-secondary school? Write the number of the highest grade, course or year completed on the corresponding line. [ ] 00 None ___ 1. Literacy center ___ 2. Primary ___ 3. Secondary ___ 4. Post-secondary [ ] 99 Unknown
V108	EC1982A_0419	Enrolled in Social Security	discrete	numeric	For all individuals 12 years of age and older 12. Are or were you a participant in the social security? [ ] 1 Yes Currently contributing? [ ] 3 Yes [ ] 4 No [ ] 2 No
V109	EC1982A_0420	Contributing to Social Security	discrete	numeric	For all individuals 12 years of age and older 12. Are or were you a participant in the social security? [ ] 1 Yes Currently contributing? [ ] 3 Yes [ ] 4 No [ ] 2 No
V110	EC1982A_0421	Employment status	discrete	numeric	For all individuals 12 years of age and older 13. What did you do the greater part of the days between the 7th and the 13th of November? Ask the questions in the order indicated: Worked? Did not work but had a job? Etc. and upon receiving a reply, mark the respective box and go on the next appropriate question. [ ] 1 Worked? [ ] 2 Did not work but had a job? [ ] 3 Unemployed? (Looked for work having worked before) For responses 1-3, continue with question 14 [ ] 4 Looked for work for the first time? [ ] 5 Studied exclusively? [ ] 6 Did household tasks exclusively? [ ] 7 Exclusively retired or pensioner? [ ] 8 Others [ ] 9 Unknown For responses 4 - 9, women skip to 17, men skip to 21
V111	EC1982A_0422	Occupation, 1 digit	discrete	numeric	For all individuals 12 years of age and older Questions 14 - 16 are only for those who answered 1, 2, or 3 in question 13. 14. What is the occupation that provided the greatest income in the days from November 7th to 13th, or what was your last occupation if unemployed? Write with some detail the work performed. ___ [In addition to the space for the response, a blank, 3-character box also appears in the corner of this item.]
V112	EC1982A_0423	Occupation, 2 digits	discrete	numeric	For all individuals 12 years of age and older Questions 14 - 16 are only for those who answered 1, 2, or 3 in question 13. 14. What is the occupation that provided the greatest income in the days from November 7th to 13th, or what was your last occupation if unemployed? Write with some detail the work performed. ___ [In addition to the space for the response, a blank, 3-character box also appears in the corner of this item.]
V113	EC1982A_0424	Occupation, 3 digits	discrete	numeric	For all individuals 12 years of age and older Questions 14 - 16 are only for those who answered 1, 2, or 3 in question 13. 14. What is the occupation that provided the greatest income in the days from November 7th to 13th, or what was your last occupation if unemployed? Write with some detail the work performed. ___ [In addition to the space for the response, a blank, 3-character box also appears in the corner of this item.]

V114	EC1982A_0425	Industry, 1 digit	discrete	numeric	For all individuals 12 years of age and older Questions 14 - 16 are only for those who answered 1, 2, or 3 in question 13. 15. What does the establishment where you engage in the occupation indicated primarily do? Write for example: Primary education, doctor's office, textile factory, restaurants, livestock ranch, etc. ____ [In addition to the space for the response, a blank, 3-character box also appears in the corner of this item.]
V115	EC1982A_0426	Industry, 2 digits	discrete	numeric	For all individuals 12 years of age and older Questions 14 - 16 are only for those who answered 1, 2, or 3 in question 13. 15. What does the establishment where you engage in the occupation indicated primarily do? Write for example: Primary education, doctor's office, textile factory, restaurants, livestock ranch, etc. ____ [In addition to the space for the response, a blank, 3-character box also appears in the corner of this item.]
V116	EC1982A_0427	Industry	discrete	numeric	For all individuals 12 years of age and older Questions 14 - 16 are only for those who answered 1, 2, or 3 in question 13. 15. What does the establishment where you engage in the occupation indicated primarily do? Write for example: Primary education, doctor's office, textile factory, restaurants, livestock ranch, etc. ____ [In addition to the space for the response, a blank, 3-character box also appears in the corner of this item.]
V117	EC1982A_0428	Class of worker	discrete	numeric	For all individuals 12 years of age and older Questions 14 - 16 are only for those who answered 1, 2, or 3 in question 13. 16. What was the category or position in the occupation indicated? Ask the questions in the order given and upon receiving an answer; mark the appropriate box. [ ] 1 Owner or active partner? [ ] 2 Own-account? Worker or salaried employee? [ ] 3 Public sector [ ] 4 Private sector [ ] 5 Unpaid family worker? [ ] 6 Others [ ] 9 Unknown
V118	EC1982A_0429	Children ever born	discrete	numeric	Only for women 15 years of age and older 17. How many children born alive have you had? [ ] 00 None Skip to question 21 ____ Number [ ] 99 Unknown
V119	EC1982A_0430	Children currently living	discrete	numeric	Only for women 15 years of age and older 18. Of these children, how many are currently alive? [ ] 00 None ____ Number [ ] 99 Unknown
V120	EC1982A_0431	Month of last live birth	discrete	numeric	Only for women 15 years of age and older 19. What was the date of birth of your last child born alive? Date: ____ Month 19__ Year
V121	EC1982A_0432	Year of last live birth	discrete	numeric	Only for women 15 years of age and older 19. What was the date of birth of your last child born alive? Date: ____ Month 19__ Year
V122	EC1982A_0433	Last child born currently alive	discrete	numeric	Only for women 15 years of age and older 20. Is your last child currently alive? [ ] 1 Yes [ ] 2 No [ ] 9 Unknown
V123	EC1982A_0434	Marital status	discrete	numeric	E. Marital Status For all individuals 12 years of age and older 21. Are you in a consensual union, single, married, divorced, widowed, or separated? [ ] 1 Consensual union [ ] 2 Single [ ] 3 Married [ ] 4 Divorced [ ] 5 Widowed [ ] 6 Separated [ ] 9 Unknown
V124	PERWT	Person weight	contin	numeric	
V125	MIGYRS1	Years residing in current locality	discrete	numeric	

V126	YRSCHOOL	Years of schooling	discrete	numeric
V127	EDATTAIN	Educational attainment, international recode [general version]	discrete	numeric
V128	EDATTAIND	Educational attainment, international recode [detailed version]	discrete	numeric
V129	BPLCOUNTRY	Country of birth	discrete	numeric
V130	NATIVITY	Nativity status	discrete	numeric
V131	YEARP	Year [person version]	contin	numeric
V132	SAMPLEP	IPUMS sample identifier [person version]	contin	numeric
V133	SERIAL	Household serial number [person version]	contin	numeric
V134	COUNTRYP	Country [person version]	contin	numeric
V135	RECTYPEP	Record type [person version]	discrete	character



## Record type (RECTYPE)

File: ECU1982-H-H

### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 0  
Invalid: 0

### Description

RECTYPE identifies the type of record for the case: household or person.

NOTE: RECTYPE is an alphabetic (character string) variable with a value of 'H' for household records and 'P' for person records. RECTYPE will not appear as a variable in the default rectangular extracts produced by the data extract system. It is only available in hierarchical extracts, to distinguish between the two record types.

## Year (YEAR)

File: ECU1982-H-H

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 1960-2011

Valid cases: 0  
Invalid: 0

### Description

YEAR gives the year in which the census was taken.

## IPUMS sample identifier (SAMPLE)

File: ECU1982-H-H

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 32197001-894201001

Valid cases: 0  
Invalid: 0

### Description

SAMPLE identifies the IPUMS sample from which the case is drawn. Each sample receives a unique 9-digit code. The code is structured as follows:

The first 3 digits are the ISO/UN codes used in COUNTRY

The next 4 digits are the year of the census/survey

The final 2 digits identify the sample within the year. For the last two digits, censuses or large census-like surveys have a value "0" (e.g, 01) in the second-to-last digit, household surveys have a value of "2" (e.g., 21), and employment surveys have a value of "4" (e.g., 41).

## Household serial number (SERIAL)

File: ECU1982-H-H

### Overview

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

Valid cases: 0  
 Invalid: 0

### Description

SERIAL is an identifying number unique to each household in a given sample. All person records are assigned the same serial number as the household record that they follow. (Person records also have their own unique identifiers -- see PERNUM.) The combination of SAMPLE and SERIAL provides a unique identifier for every household in the IPUMS-International database; SAMPLE, SERIAL and PERNUM uniquely identify every person in the database.

SERIAL can be used to identify dwellings in some samples. In these samples, the first 7 digits of SERIAL provide the dwelling number common to all households that were sampled from the same structure. The last three digits give the sequence of the household within the dwelling. The following is a list of samples in which dwellings can be inferred:

Chile 1970, 1992, 2002  
 Colombia 1993, 2005  
 Costa Rica 1984, 2000  
 Cuba 2002  
 Dominican Republic 1981, 2002, 2010  
 Ecuador 1990, 2001  
 Germany 1971  
 Hungary 1980, 1990, 2001  
 Jamaica 1982, 1991, 2001  
 Malaysia 1970, 1991, 2000  
 Mexico 1995, 1990, 2000, 2005  
 Nigeria 2006  
 Panama 2000  
 Peru 1993, 2007  
 Portugal 1981, 1991, 2001  
 Spain 1991  
 Uruguay 2011  
 Venezuela 1990, 2001  
 Vietnam 1989

In all other samples, the last 3 digits are always zeroes.

SERIAL was constructed for IPUMS-International, and has no relation to the serial number in the original datasets.

## Number of person records in the household (PERSONS)

File: ECU1982-H-H

### Overview

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

Valid cases: 0  
 Invalid: 0

### Description

PERSONS indicates how many person records are included in the household (i.e., the number of person records associated with the household record in the sample). These person records will all have the same serial number (SERIAL) as the household record. The information contained in the household record will normally apply to all of these persons.

## Subsample number (SUBSAMP)

File: ECU1982-H-H

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-99

Valid cases: 0  
 Invalid: 0

**Description**

SUBSAMP allocates each case to one of 100 subsample replicates, randomly numbered from 0 to 99. Each subsample is nationally representative and preserves any stratification of the sample from which it is drawn. Users who need a representative subset of a sample can use SUBSAMP to select their cases. For example, to randomly extract 10% of the cases from a sample, select any 10 of the 100 subsamples.

## Group quarters (collective dwelling) status (GQ)

File: ECU1982-H-H

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-99

Valid cases: 0  
Invalid: 0

**Description**

GQ identifies households as vacant dwellings, group quarters, or private households. Group quarters -- collective dwellings -- are generally institutions and other group living arrangements such as rooming houses and boarding schools.

Institutions often retain persons under formal supervision or custody, such as correctional institutions, military barracks, asylums, or nursing homes. Educational and religious group dwellings (e.g., boarding schools, convents, monasteries, etc.) are also included in the institutional classification.

Group quarter designations are often useful for understanding the universe of households that answered questions about household characteristics. Censuses will often exclude group quarters from such questions.

## Number of unrelated persons (UNREL)

File: ECU1982-H-H

**Overview**

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

Valid cases: 0  
Invalid: 0

**Description**

UNREL indicates the number of persons in the household who are unrelated to the head.

## Continent and region of country (REGIONW)

File: ECU1982-H-H

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 11-54

Valid cases: 0  
Invalid: 0

**Description**

REGIONW identifies the continent and region of each country.

## Water supply (WATSUP)

File: ECU1982-H-H

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-99

Valid cases: 0  
 Invalid: 0

#### Description

WATSUP describes the physical means by which the housing unit receives its water. The primary distinction is whether or not the household had piped (running) water.

## Sewage (SEWAGE)

File: ECU1982-H-H

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-99

Valid cases: 0  
 Invalid: 0

#### Description

SEWAGE indicates whether the household has access to a sewage system or septic tank.

## Number of rooms (ROOMS)

File: ECU1982-H-H

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-99

Valid cases: 0  
 Invalid: 0

#### Description

ROOMS indicates the number of rooms occupied by the housing unit.

## Kitchen or cooking facilities (KITCHEN)

File: ECU1982-H-H

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-99

Valid cases: 0  
 Invalid: 0

#### Description

KITCHEN indicates whether the household had a kitchen, cooking facilities, or room dedicated to food preparation.

## Toilet (TOILET)

File: ECU1982-H-H

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-99

Valid cases: 0  
 Invalid: 0

### Description

TOILET indicates whether the household had access to a toilet and, in most cases, whether it was a flush toilet or other type of installation.

## Floor material (FLOOR)

File: ECU1982-H-H

### Overview

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

Valid cases: 0  
 Invalid: 0

### Description

FLOOR indicates the dwelling's predominant flooring material.

## Household classification (HHTYPE)

File: ECU1982-H-H

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-99

Valid cases: 0  
 Invalid: 0

### Description

HHTYPE is a constructed variable that describes the composition of households. HHTYPE is constructed from information in RELATE (relationship to head), from the constructed pointer variables SPLOC, MOMLOC, and POPLOC (location of spouse, mother, and father), and from information on group quarters status, GQ.

## Number of families in household (NFAMS)

File: ECU1982-H-H

### Overview

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

Valid cases: 0  
 Invalid: 0

### Description

NFAMS is a constructed variable that indicates the number of families within each household. A "family" is any group of persons related by blood, adoption, or marriage. An unrelated individual within the household is considered a separate family. Thus, a household consisting of a widow and her servant contains two families; a household consisting of a large, multiple-generation extended family with no lodgers or servants would count as a single family.

NFAMS is constructed from information in RELATE (relationship to head) and from the constructed pointer variables SPLOC, MOMLOC, and POPLOC (location of spouse, mother, and father). See those variable descriptions for more detail.

## Head's location in household (HEADLOC)

File: ECU1982-H-H

### Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	

### Description

HEADLOC gives the person number of the head of household in samples in which persons are organized into households.

## Donated household (HHDONATE)

File: ECU1982-H-H

### Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

### Description

HHDONATE identifies households that were donated during the IPUMS data editing process.

## 1st subnational geographic level, world [consistent boundaries over time] (GEOLEV1)

File: ECU1982-H-H

### Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 6	
Decimals: 0	
Range: 32002-894010	

### Description

GEOLEV1 indicates the major administrative unit in which the household was enumerated. The variable incorporates the geographies for every country, to enable cross-national geographic analysis over time. First administrative units in GEOLEV1 have been spatiotemporally harmonized to provide spatially consistent boundaries across samples in each country.

## Dwelling/household number (EC1982A\_0001)

File: ECU1982-H-H

### Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 7	
Decimals: 0	

### Description

This variable indicates the dwelling's and household's unique ID in the sample.

### Universe

All households

### Literal question

Dwelling/household number

## Number of persons in household (EC1982A\_0003)

File: ECU1982-H-H

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-30

Valid cases: 0  
Invalid: 0

### Description

This variable indicates the total number of person records in the household.

### Universe

All households

### Literal question

Number of persons in household

## Household created by splitting apart a large dwelling (EC1982A\_0043)

File: ECU1982-H-H

### Overview

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

Valid cases: 0  
Invalid: 0

### Description

This variable indicates that the household was created by splitting apart a large dwelling.

### Universe

All households

### Literal question

Household created by splitting apart a large dwelling

## Type of dwelling (EC1982A\_0016)

File: ECU1982-H-H

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-99

Valid cases: 0  
Invalid: 0

### Description

This variable indicates the type of dwelling as private or collective. It also specifies the kind of private or collective dwelling such as apartment, room in a tenement, hospital, hotel, etc.

### Universe

All households

### Literal question

## 1. Dwelling type

## Private

- 01 House or villa
- 02 Apartment
- 03 Rooms in a tenement
- 04 Mediagua (small unit with sloped roof )
- 05 Rancho (poor construction possibly with cane or straw roof) or shack (covacha)
- 06 Rustic cabin (choza)
- 07 Others
- 08 Places not intended for use as a dwelling

## Collective

- 11 Hotel, inn or boarding house
- 12 Military or police barracks
- 13 Hospital, clinic, etc.
- 14 Convent, religious institution
- 15 Others

If a collective dwelling, skip to questions on population.

**Interviewer instructions**

## Question 1. Type of dwelling

## Private

You should identify the type of dwelling and mark with an X the appropriate box.

You will make an X in others when dealing with dwellings such as: barges, kiosks, booths (casetas), caves, boxcars, etc.

You will mark as Premises not intended for use as a dwelling those places that are inhabited and which have not been constructed as a dwelling, like granaries, wineries, garages, etc.

[Alongside these written instructions in the rural manual are drawings representing the eight different types of private dwellings from the enumeration form.]

## Collective

If it is a collective dwelling, mark an X in the corresponding box and continue directly to the questions on population. In such cases the characteristics of the building are not of interest, only the data on the people that live in these dwellings.

## Dwelling occupancy status (EC1982A\_0017)

File: ECU1982-H-H

**Overview**

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

Valid cases: 0  
 Invalid: 0

**Description**

This variable indicates if the dwelling was occupied and there were persons present during enumeration.

**Universe**

Private dwellings

**Literal question**

## 2. Occupancy of the dwelling

- 1 Occupied, with people present
- 2 Occupied, with people absent
- 3 Unoccupied
- 4 Under construction

**Interviewer instructions**

Question 2. Occupancy condition of the dwelling

Mark box 1 if the members of the household are in the dwelling.

If there are only minors, return when there is an adult home.

Mark box 2 if you see that the dwelling is occupied but the residents are not present. If you find out that the absence is momentary, return to the dwelling to take the information.

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Mark box 3 in the case of dwellings which, because of being for rent, under repair, recently constructed, etc. are unoccupied.

Put an X in box 4 for dwellings that are in any stage of construction and which are not inhabited. If you mark box 3 or 4, don't take any more information.

You can fill in the questions corresponding to type of dwelling and occupancy condition of the dwelling just based on observation.

## Predominant roof material (EC1982A\_0018)

File: ECU1982-H-H

**Overview**

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

Valid cases: 0  
Invalid: 0

**Description**

This variable indicates the predominant material used in the roof of dwelling.

**Universe**

Occupied private dwellings

**Literal question**

3. Predominant materials in the dwelling

A. Roof or covering

- 1 Reinforced cement roof (Losa de hormigón)
- 2 Asbestos (Eternit), Ardex or similar
- 3 Zinc or similar
- 4 Tile
- 5 Straw or similar
- 6 Other materials

**Interviewer instructions**

Question 3. Predominant materials in the dwelling.

Record the material used to construct the roof of the building (where the dwelling is found), the exterior walls, and the floor of the dwelling.

## Predominant wall material (EC1982A\_0019)

File: ECU1982-H-H

### Overview

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

### Description

This variable indicates the predominant material used in the walls of dwelling.

### Universe

Occupied private dwellings

### Literal question

3. Predominant materials in the dwelling

B. Exterior walls

- 1 Cement, brick or block
- 2 Adobe or mud wall (tapia)
- 3 Wood
- 4 Covered cane
- 5 Uncovered cane
- 6 Other materials

### Interviewer instructions

Question 3. Predominant materials in the dwelling.

Record the material used to construct the roof of the building (where the dwelling is found), the exterior walls, and the floor of the dwelling.

## Predominant floor material (EC1982A\_0020)

File: ECU1982-H-H

### Overview

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

### Description

This variable indicates the predominant material used in the floors of dwelling.

### Universe

Occupied private dwellings

### Literal question

## 3. Predominant materials in the dwelling

## C. Floor

- 1 Wood
- 2 Parquet, floor tile or vinyl
- 3 Brick or cement
- 4 Cane
- 5 Earth
- 6 Other materials

**Interviewer instructions**

Question 3. Predominant materials in the dwelling.

Record the material used to construct the roof of the building (where the dwelling is found), the exterior walls, and the floor of the dwelling.

## Ownership (EC1982A\_0021)

File: ECU1982-H-H

**Overview**

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

Valid cases: 0  
 Invalid: 0

**Description**

This variable indicates ownership status of the dwelling.

**Universe**

Occupied private dwellings

**Literal question**

4. Tenure of the dwelling

The dwelling is:

- 1 Owned
- 2 Rented
- 3 Free
- 4 For services
- 5 Other (for example, sharecropping)

**Interviewer instructions**

Question 4. Tenure of the dwelling.

The dwelling is?:

Ask if the dwelling is owned, rented, free, etc. and put an X in the appropriate box.

## Water supply (EC1982A\_0022)

File: ECU1982-H-H

**Overview**

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

Valid cases: 0  
 Invalid: 0

### Description

This variable indicates the method by which the dwelling receives water.

### Universe

Occupied private dwellings

### Literal question

5. Water is supplied to the dwelling via:

Public system

- 1 Inside the dwelling
- 2 Outside the dwelling but within the building
- 3 Outside of the building

Other sources:

- 4 Well or spring
- 5 River or stream
- 6 Delivery truck
- 7 Other

### Interviewer instructions

Question 5. The water supply in the dwelling is

Mark an X in the box that corresponds to the type of water supply.

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From a public network if the water arrives at the dwelling through pipes. In this case it can be:

Inside the dwelling,  
 Outside of the dwelling but in the building,  
 Outside of the building.

From other sources when the dwelling is supplied by a well or by spring-water, by a river or irrigation ditch, by a water truck, cistern, etc. [Rural manual: in the case of others, specify, ex.: rainwater.]

## Toilet facilities (EC1982A\_0023)

File: ECU1982-H-H

### Overview

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

Valid cases: 0  
 Invalid: 0

### Description

This variable indicates the availability of toilet facilities for use by the household.

### Universe

Occupied private dwellings

### Literal question

6. What toilet facilities (W.C.) are available in the dwelling?

- 1 Toilet for exclusive use of the dwelling
- 2 Shared use toilet
- 3 Latrine
- 4 None

#### Interviewer instructions

Question 6. What availability to toilet facilities does the dwelling have?

It is a toilet exclusively used by the dwelling if it is used only by the people in the dwelling being investigated.

Those used by members of more than one dwelling are common-use toilets.

A latrine is a hole that serves as a receptacle for excrement, generally covered by an outhouse.

Mark the box none if the dwelling doesn't have any of the facilities previously mentioned.

## Wastewater (EC1982A\_0024)

File: ECU1982-H-H

### Overview

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

Valid cases: 0  
Invalid: 0

### Description

This variable indicates the dwelling's method of wastewater (sewage) removal.

### Universe

Occupied private dwellings

### Literal question

7. The wastewater elimination system for this dwelling is:

- 1 By public sewer system
- 2 Septic tank
- 3 None

### Interviewer instructions

Question 7. The dwelling's system for wastewater elimination is?

Mark box 1 by sewer if the wastewater is eliminated by channeling.

Mark box 2 septic tank in the case of a hole in the ground, generally covered by an outhouse.

When no elimination system exists, mark box 3.

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## Electrical service (EC1982A\_0025)

File: ECU1982-H-H

### Overview

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

Valid cases: 0  
Invalid: 0

### Description

This variable indicates whether the dwelling had access to electrical service.

**Universe**

Occupied private dwellings

**Literal question**

8. The electric service available in the dwelling is:

- 1 From public system  
 2 From private generator  
 3 None

**Interviewer instructions**

Question 8. The electrical service that the dwelling has is?

Mark box 1 when the dwelling has electric lighting that comes from a public service network.

Mark box 2 when the electric lighting comes from a private plant.

If the dwelling doesn't have electrical service, mark box 3, none.

**Number of rooms (EC1982A\_0026)**

File: ECU1982-H-H

**Overview**

Type: Discrete

Format: numeric

Width: 2

Decimals: 0

Range: 0-15

Valid cases: 0

Invalid: 0

**Description**

This variable indicates the number of rooms in the dwelling.

**Universe**

Occupied private dwellings

**Literal question**

9. How many rooms in total does the dwelling have?

\_\_\_ (Not including kitchen or bathroom)

**Interviewer instructions**

Question 9. How many total rooms does the dwelling have?

Record the number of rooms in the dwelling without counting kitchens or bathrooms.

**Number of sleeping rooms (EC1982A\_0027)**

File: ECU1982-H-H

**Overview**

Type: Discrete

Format: numeric

Width: 2

Decimals: 0

Range: 1-99

Valid cases: 0

Invalid: 0

**Description**

This variable indicates the number of sleeping rooms in the dwelling.

**Universe**

Occupied private dwellings

**Literal question**

10. Of these rooms, how many are used exclusively for sleeping?

\_\_\_

**Interviewer instructions**

Question 10. Of these, how many are used solely for sleeping?

On the corresponding line, record the number of rooms that are used as bedrooms.

## Separate kitchen (EC1982A\_0028)

File: ECU1982-H-H

**Overview**

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

Valid cases: 0  
Invalid: 0

**Description**

This variable indicates whether the household had a room used exclusively for cooking.

**Universe**

Occupied private dwellings

**Literal question**

11. Does the dwelling have a separate room for cooking?

1 Yes

2 No

**Interviewer instructions**

Question 11. Does the dwelling have a separate kitchen?

Mark the yesbox even if the kitchen is also used as a dining room.

## Fuel used for cooking (EC1982A\_0029)

File: ECU1982-H-H

**Overview**

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

Valid cases: 0  
Invalid: 0

**Description**

This variable indicates the fuel used for cooking.

**Universe**

Occupied private dwellings

**Literal question**

12. What is the primary fuel used for cooking?

1 Kerosene or gasoline

2 Wood or charcoal

3 Gas

4 Electricity

5 Other

6 None (no cooking)

**Interviewer instructions**

Question 12. What is the main fuel used for cooking?

Mark an X in the appropriate box.

If the dwelling uses no fuel or doesn't cook, mark box 6. [This phrase exists in the rural manual, but not in the urban one.]

## Economic activity in the dwelling (EC1982A\_0030)

File: ECU1982-H-H

### Overview

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

Valid cases: 0  
Invalid: 0

### Description

This variable indicates the type of economic activity in the dwelling.

### Universe

Occupied private dwellings

### Literal question

13. Is any part of the dwelling used for handcrafts, small industry, business or other activities?

- 1 Only handcrafts
- 2 Only small industry
- 3 Only business
- 4 Business and handcrafts
- 5 Business and small industry
- 6 Other activities
- 7 Dwelling only

### Interviewer instructions

Question 13. Is part of the dwelling used for handicrafts, small industry, business or other activities?

Note if part of the dwelling is used for one of the alternatives listed or if it is only a dwelling.

## Strata (EC1982A\_0061)

File: ECU1982-H-H

### Overview

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 0

Valid cases: 0  
Invalid: 0

### Description

This variable is the strata identifier for the sample. Strata is a constructed variable that captures implicit geographic stratification resulting from the sample design. It is created by assigning a unique identifier to groups of between 10 and 19 adjacent households. Additional documentation is available on the Variance Estimation page.

### Universe

All households

### Literal question

Strata

## Household weight (HHWT)

File: ECU1982-H-H

### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 2

Valid cases: 0  
Invalid: 0

### Description

HHWT indicates the number of households in the population represented by the household in the sample.

For the samples that are truly weighted (see the comparability discussion), HHWT must be used to yield accurate household-level statistics.

NOTE: HHWT has 2 implied decimal places. That is, the last two digits of the eight-digit variable are decimal digits, but there is no actual decimal in the data.

## 2nd subnational geographic level, world [consistent boundaries over time] (GEOLEV2)

File: ECU1982-H-H

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 32002001-88888888

Valid cases: 0  
Invalid: 0

### Description

GEOLEV2 indicates the second major administrative unit in which the household was enumerated. The variable incorporates the geographies for every country, to enable cross-national geographic analysis over time. Second administrative units in GEOLEV2 have been spatio-temporally harmonized to provide spatially consistent boundaries across samples in each country.

## Ecuador, Province 1962 - 2010 [Level 1; consistent boundaries, GIS] (GEO1\_EC)

File: ECU1982-H-H

### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 218001-218099

Valid cases: 0  
Invalid: 0

### Description

GEO1\_EC identifies the household's province within Ecuador in all sample years. Provinces are the first level administrative units of the country. GEO1\_EC is spatially harmonized accounting for political boundary changes across census years. Some detail is lost in harmonization; see the comparability discussion. A GIS map (in shapefile format), corresponding to GEO1\_EC can be downloaded from the GIS Boundary files page in the IPUMS International web site.

The full set of geography variables for Ecuador can be found in the IPUMS International Geography variables list. For cross-national geographic analysis on the first and second major administrative level refer to GEOLEV1, and GEOLEV2. More information on IPUMS-International geography can be found here.

## Ecuador, Province 1982 [Level 1, GIS] (GEO1\_EC1982)

File: ECU1982-H-H

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 10-41

Valid cases: 0  
Invalid: 0

### Description

GEO1\_EC1982 identifies the household's province within Ecuador in 1982. Provinces are the first level administrative units of the country. A GIS map (in shapefile format), corresponding to GEO1\_EC1982 can be downloaded from the GIS Boundary files page in the IPUMS International web site.

The full set of geography variables for Ecuador can be found in the IPUMS International Geography variables list. For cross-national geographic analysis on the first and second major administrative level of any country refer to GEOLEV1, and GEOLEV2. More information on IPUMS-International geography can be found here.

## Ecuador, Canton 1962 - 2010 [Level 2; consistent boundaries, GIS] (GEO2\_EC)

File: ECU1982-H-H

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: 218001001-218099999

Valid cases: 0  
Invalid: 0

### Description

GEO2\_EC identifies the household's canton within Ecuador in all sample years. Cantons are the second level administrative units of the country, after provinces. GEO2\_EC is spatially harmonized to account for political boundary changes across census years. Some detail is lost in harmonization; see the comparability discussion. A GIS map (in shapefile format), corresponding to GEO2\_EC can be downloaded from the GIS Boundary files page in the IPUMS International web site.

The full set of geography variables for Ecuador can be found in the IPUMS International Geography variables list. For cross-national geographic analysis on the first and second major administrative level refer to GEOLEV1, and GEOLEV2. More information on IPUMS-International geography can be found here.

## Ecuador, Canton 1982 [Level 2, GIS] (GEO2\_EC1982)

File: ECU1982-H-H

### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 10001-41001

Valid cases: 0  
Invalid: 0

### Description

GEO2\_EC1982 identifies the household's canton within Ecuador in 1982. Cantons are the second level administrative units of the country, after provinces. A GIS map (in shapefile format), corresponding to GEO2\_EC1982 can be downloaded from the GIS Boundary files page in the IPUMS International web site.

The full set of geography variables for Ecuador can be found in the IPUMS International Geography variables list. For cross-national geographic analysis on the first and second major administrative level of any country refer to GEOLEV1, and GEOLEV2. More information on IPUMS-International geography can be found here.

## Number of married couples in household (NCOUPLES)

File: ECU1982-H-H

### Overview

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

Valid cases: 0  
Invalid: 0

### Description

NCOUPLES is a constructed variable indicating the number of married/in-union couples within a household.

NCOUPLES is constructed using the IPUMS-International pointer variable SPLOC (spouse's location in the household).

## Number of mothers in household (NMOTHERS)

File: ECU1982-H-H

### Overview

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

### Description

NMOTHERS is a constructed variable indicating the number of mothers -- of persons of any age -- within a household.

NMOTHERS is constructed using the IPUMS-International pointer variable MOMLOC (mother's location in the household).

## Number of fathers in household (NFATHERS)

File: ECU1982-H-H

### Overview

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

### Description

NFATHERS is a constructed variable indicating the number of fathers -- of persons of any age -- within a household.

NFATHERS is constructed using the IPUMS-International pointer variable POPLOC (father's location in the household).

## Country (COUNTRY)

File: ECU1982-H-H

### Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 32-894	

### Description

COUNTRY gives the country from which the sample was drawn. The codes assigned to each country are those used by the UN Statistics Division and the ISO (International Organization for Standardization).

## Electricity (ELECTRIC)

File: ECU1982-H-H

### Overview

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

**Description**

ELECTRIC indicates whether the household had access to electricity.

## Ownership of dwelling [general version] (OWNERSHIP)

File: ECU1982-H-H

**Overview**

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

Valid cases: 0  
Invalid: 0

**Description**

OWNERSHIP indicates whether a member of the household owned the housing unit. Households that acquired their unit with a mortgage or other lending arrangement were understood to "own" their unit even if they had not yet completed repayment. For those that did not own their housing unit, several options were possible: renting (from various types of owners), subletting, usufruct, and de facto occupation.

## Ownership of dwelling [detailed version] (OWNERSHIPD)

File: ECU1982-H-H

**Overview**

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

Valid cases: 0  
Invalid: 0

**Description**

OWNERSHIP indicates whether a member of the household owned the housing unit. Households that acquired their unit with a mortgage or other lending arrangement were understood to "own" their unit even if they had not yet completed repayment. For those that did not own their housing unit, several options were possible: renting (from various types of owners), subletting, usufruct, and de facto occupation.

## Strata identifier (STRATA)

File: ECU1982-H-H

**Overview**

Type: Continuous  
Format: numeric  
Width: 12  
Decimals: 0

Valid cases: 0  
Invalid: 0

**Description**

This variable is the strata identifier for the sample. The STRATA variable provides information about the sample design that can be used to improve estimation.

## Person number (PERNUM)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
Invalid: 0

### Description

PERNUM numbers all persons within each household consecutively (starting with "1" for the first person record of each household). When combined with SAMPLE and SERIAL, PERNUM uniquely identifies each person in the IPUMS-International database.

## Mother's location in household (MOMLOC)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
Invalid: 0

### Description

MOMLOC is a constructed variable that indicates whether or not the person's mother lived in the same household and, if so, gives the person number of the mother (see PERNUM). MOMLOC makes it easy for researchers to link the characteristics of children and their (probable) mothers.

The method by which probable child-mother links are identified is described in PARRULE.

The general design of MOMLOC and other constructed variables follows the methods developed for IPUMS-USA "Family Interrelationships," but the details vary significantly.

Note: MOMLOC identifies social relationships (such as stepmother and adopted mother) as well as biological relationships. The variable STEPMOM is designed to identify some of these social relationships.

## Father's location in household (POPLOC)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
Invalid: 0

### Description

POPLOC is a constructed variable that indicates whether or not the person's father lived in the same household and, if so, gives the person number of the father (see PERNUM). POPLOC makes it easy for researchers to link the characteristics of children and their (probable) fathers.

The method by which probable child-father links are identified is described in PARRULE.

The general design of POPLOC and other constructed variables follows the methods developed for IPUMS-USA "Family Interrelationships," but the details vary significantly.

Note: POPLOC identifies social relationships (such as stepfather and adopted father) as well as biological relationships. The variable STEPPOP is designed to identify some of these social relationships.

## Spouse's location in household (SPLOC)

File: ECU1982-P-H

### Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	

### Description

SPLOC is a constructed variable that indicates whether or not the person's spouse lived in the same household and, if so, gives the person number (PERNUM) of the spouse. SPLOC makes it easy for researchers to link the characteristics of (probable) spouses.

The method by which probable spouse-spouse links are identified is described in SPRULE.

The general design of SPLOC and other constructed variables is modeled on the methods developed for IPUMS-USA "Family Interrelationships", but the details vary significantly.

## Rule for linking parent (PARRULE)

File: ECU1982-P-H

### Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 0-52	

### Description

PARRULE describes the criteria by which the IPUMS-International variables MOMLOC and POPLOC linked the person to a probable mother and/or father.

IPUMS-International establishes child-parent links according to five basic rules, and PARRULE gives the number of the rule that applied to the link in question. A link to any parent automatically generates a second link to that parent's spouse or partner, so only one rule is needed to describe both MOMLOC and POPLOC.

The design of the interrelationship variables is described in this paper on IPUMSI family linking methodology.

## Rule for linking spouse (SPRULE)

File: ECU1982-P-H

### Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 0-6	

### Description

SPRULE explains the criteria by which the IPUMS-International variable SPLOC linked the person to his/her probable spouse.

IPUMS-International establishes spouse-spouse links according to five basic rules, and SPRULE gives the number of the rule that applied to the link in question. A sixth rule identifies sample-specific linking procedures only imposed in selected instances.

The design of the interrelationship variables is described in this paper on IPUMSI family linking methodology.

## Probable stepmother (STEPMOM)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
Invalid: 0

### Description

STEPMOM indicates whether a person's mother, as identified by MOMLOC, was most probably not the person's biological mother. Non-zero values of STEPMOM explain why it is probable that the person's mother was a step- or adopted mother. A value of 0 indicates no likely stepmother because (1) the mother identified in MOMLOC was probably the biological mother or (2) there is no mother of this person present in the household.

The codes for STEPMOM are as follows:

- 0 = Biological mother or no mother of this person present in household.
- 1 = Mother has no children borne or surviving.
- 2 = Child reports mother is deceased.
- 3 = Explicitly identified relationship (stepchild, adopted child, child of unmarried partner, stepchild/child-in-law).
- 4 = Mother reports no children in the home.
- 5 = Age difference between mother and child was less than 12 or greater than 54 years.
- 6 = Child exceeds known fertility of mother.

See PARRULE for a description of the linking process.

Users should note that there are many stepmothers and adopted mothers in the population that cannot be identified with information available in the censuses. Therefore, STEPMOM will always under-represent their actual number in the population.

## Probable stepfather (STEPPOP)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
Invalid: 0

### Description

STEPPOP indicates whether a person's father, as identified by POPLOC, was most probably not the person's biological father. Non-zero values of STEPPPOP explain why it is probable that the person's father was a step- or adopted father. A value of 0 indicates no likely stepfather because (1) the father identified in POPLOC was probably the biological father or (2) there is no father of this person present in the household.

The codes for STEPPPOP are as follows:

- 0 = Biological father or no father of this person present in household.
- 1 = Child reports father is deceased.
- 2 = Explicitly identified relationship (stepchild, adopted child, child of unmarried partner; stepchild/child-in-law).
- 3 = Age difference between father and child was less than 12 or greater than 54 years.

See PARRULE for a description of the linking process.

Users should note that there are many stepfathers and adopted fathers in the population that cannot be identified with information available in the censuses. Therefore, STEPPPOP will always under-represent their actual number in the population.

## Man with more than one wife linked (POLYMAL)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
Invalid: 0

### Description

POLYMAL indicates if a man had more than one wife linked to him in the constructed IPUMS variable SPLOC -- Spouse's Location in Household.

The point of POLYMAL is to facilitate using SPLOC in samples that identify polygamy. Some statistical matching procedures expect to find only one matching record for each subject record.

## Woman is second or higher order wife (POLY2ND)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
Invalid: 0

### Description

POLY2ND indicates if a woman was the second or higher order wife linked to a husband in the constructed IPUMS variable SPLOC -- Spouse's Location in Household. The variable does not suggest the actual marital order of wives, only their relative positions in the person order of the household as it was enumerated.

The point of POLY2ND is to facilitate using SPLOC in samples that identify polygamy. Some statistical matching procedures expect to find only one matching record for each subject record.

## Family unit membership (FAMUNIT)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
Invalid: 0

### Description

FAMUNIT is a constructed variable indicating to which family within the household a person belongs.

All persons related to the household head receive a 1 (see RELATE). Each secondary family or secondary individual receives a higher code. For purposes of FAMUNIT, secondary families are individuals or groups of persons linked together by the IPUMS constructed pointer variables SPLOC, MOMLOC, and POPLOC (location of spouse, mother, and father).

## Number of own family members in household (FAMSIZE)

File: ECU1982-P-H

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-99

Valid cases: 0  
 Invalid: 0

### Description

FAMSIZE counts the number of the person's own family members living in the household with her/him, including the person her/himself. These include all persons related to the person by blood, adoption, or marriage as indicated by the census forms or inferred from them.

FAMSIZE is calculated from the units identified in the IPUMS constructed variable FAMUNIT (family unit membership). The primary family is defined as all persons related to the head in the RELATE variable. Secondary families are individuals or groups of persons linked together by the IPUMS constructed pointer variables SPLOC, MOMLOC, and POPLOC (location of spouse, mother, and father).

## Number of own children in household (NCHILD)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
 Invalid: 0

### Description

NCHILD provides a count of the person's own children living in the household with her or him. These include all children linked to the person via the constructed IPUMS pointer variables MOMLOC or POPLOC -- mother's and father's location in the household.

## Number of own children under age 5 in household (NCHLT5)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
 Invalid: 0

### Description

NCHLT5 provides a count of the person's own children under age five living in the household with her or him. These include all children linked to the person via the constructed IPUMS pointer variables MOMLOC or POPLOC -- mother's and father's location in the household.

## Age of eldest own child in household (ELDCH)

File: ECU1982-P-H

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-99

Valid cases: 0  
 Invalid: 0

### Description

ELDCH gives the age of the person's oldest own child living in the household with her or him. These include all children linked to the person via the constructed IPUMS pointer variables MOMLOC or POPLOC -- mother's and father's location in the household.

ELDCH is top-coded at age 50 or older.

## Age of youngest own child in household (YNGCH)

File: ECU1982-P-H

### Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 0-99	

### Description

YNGCH gives the age of the person's youngest own child living in the household with her or him. These include all children linked to the person via the constructed IPUMS pointer variables MOMLOC or POPLOC -- mother's and father's location in the household.

YNGCH is top-coded at age 50 or older.

## Relationship to household head [general version] (RELATE)

File: ECU1982-P-H

### Overview

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

### Description

RELATE describes the relationship of the individual to the head of household (sometimes called the householder or reference person).

## Relationship to household head [detailed version] (RELATED)

File: ECU1982-P-H

### Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: 1000-9999	

### Description

RELATED describes the relationship of the individual to the head of household (sometimes called the householder or reference person).

## Age (AGE)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
 Invalid: 0

### Description

AGE gives age in years as of the person's last birthday prior to or on the day of enumeration.

## Age, grouped into intervals (AGE2)

File: ECU1982-P-H

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-98

Valid cases: 0  
 Invalid: 0

### Description

AGE2 gives computed years of age grouped into intervals.

## Sex (SEX)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
 Invalid: 0

### Description

SEX reports the sex (gender) of the respondent.

## Marital status [general version] (MARST)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
 Invalid: 0

### Description

[program universe for et,mz samples.

MARST describes the person's current marital status according to law or custom. Individuals who remarried should report the status relevant to their most recent marriage. Census instructions rarely explicitly limit marital status to strictly legal unions.

Note regarding universe: The lowest age at which a person can be anything but "never married" varies among samples.

## Marital status [detailed version] (MARSTD)

File: ECU1982-P-H

**Overview**

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

Valid cases: 0  
 Invalid: 0

**Description**

[program universe for et,mz samples.

MARST describes the person's current marital status according to law or custom. Individuals who remarried should report the status relevant to their most recent marriage. Census instructions rarely explicitly limit marital status to strictly legal unions.

Note regarding universe: The lowest age at which a person can be anything but "never married" varies among samples.

## Consensual union (CONSENS)

File: ECU1982-P-H

**Overview**

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

Valid cases: 0  
 Invalid: 0

**Description**

CONSENS indicates whether the respondent was in a consensual union -- a de facto marriage.

## Children ever born (CHBORN)

File: ECU1982-P-H

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-99

Valid cases: 0  
 Invalid: 0

**Description**

CHBORN reports the number of children ever born to each woman of whom the question was asked. In most samples, women were to report all live births by all fathers, whether or not the child was still living.

## Children surviving (CHSURV)

File: ECU1982-P-H

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-99

Valid cases: 0  
 Invalid: 0

**Description**

CHSURV reports the number of children born to a woman who were still living at the time of the census.

## Province of birth, Ecuador (BPLEC)

File: ECU1982-P-H

### Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-99	

### Description

BPLEC indicates the province in Ecuador in which the person was born.

## School attendance (SCHOOL)

File: ECU1982-P-H

### Overview

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

### Description

SCHOOL indicates whether or not the person attended school at the time of the census or within some specified period of time prior to the census.

## Literacy (LIT)

File: ECU1982-P-H

### Overview

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

### Description

LIT indicates whether or not the respondent could read and write in any language. A person is typically considered literate if he or she can both read and write. All other persons are illiterate, including those who can either read or write but cannot do both.

## Educational attainment, Ecuador (EDUCEC)

File: ECU1982-P-H

### Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: 0-9999	

### Description

EDUCEC indicates the person's educational attainment in terms of the level of schooling completed and the number of years completed at that level.

## Activity status (employment status) [general version] (EMPSTAT)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
Invalid: 0

### Description

EMPSTAT indicates whether or not the respondent was part of the labor force -- working or seeking work -- over a specified period of time. Depending on the sample, EMPSTAT can also convey further information.

The first digit of EMPSTAT is fully comparable, and classifies the population into three groups: employed, unemployed, and inactive. The combination of employed and unemployed yields the total labor force. The second and third digits of EMPSTAT preserve additional information available for some countries and census years but not for others.

Employment status is sometimes referred to in other sources as "activity status".

## Activity status (employment status) [detailed version] (EMPSTATD)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
Invalid: 0

### Description

EMPSTAT indicates whether or not the respondent was part of the labor force -- working or seeking work -- over a specified period of time. Depending on the sample, EMPSTAT can also convey further information.

The first digit of EMPSTAT is fully comparable, and classifies the population into three groups: employed, unemployed, and inactive. The combination of employed and unemployed yields the total labor force. The second and third digits of EMPSTAT preserve additional information available for some countries and census years but not for others.

Employment status is sometimes referred to in other sources as "activity status".

## Occupation, ISCO general (OCCISCO)

File: ECU1982-P-H

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-99

Valid cases: 0  
Invalid: 0

### Description

OCCISCO records the person's primary occupation, coded according to the major categories in the International Standard Classification of Occupations (ISCO) scheme for 1988. For someone with more than one job, the primary occupation is typically the one in which the person had spent the most time or earned the most money.

## Occupation, unrecoded (OCC)

File: ECU1982-P-H

### Overview

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

### Description

OCC records the person's primary occupation, classified according to the system used by the respective national census office at the time. For someone with more than one job, the primary occupation is usually the one in which the person spent the most time or earned the most money, although this may not have been explicit in the instructions for a specific census.

To ensure confidentiality, very small occupations are recoded to a residual category indicating the persons had an occupation, but the job title is not identified. The number of cases recoded should be too small to affect analyses.

## Industry, general recode (INDGEN)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
 Invalid: 0

### Description

INDGEN recodes the industrial classifications of the various samples into twelve groups that can be fairly consistently identified across all available samples. The groupings roughly conform to the International Standard Industrial Classification (ISIC). The third digit of INDGEN retains important detail among the service industries that could not be consistently distinguished in all samples.

"Industry" refers to the activity or product of the establishment or sector in which a person worked.

## Industry, unrecoded (IND)

File: ECU1982-P-H

### Overview

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

### Description

"Industry" refers to the activity or product of the establishment or sector in which the person worked. IND is classified according to the system used by the respective national census office at the time, and is not recoded by IPUMS-International.

## Status in employment (class of worker) [general version] (CLASSWK)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
 Invalid: 0

### Description

CLASSWK refers to the status of an economically active person with respect to his or her employment -- that is, the type of explicit or implicit contract of employment with other persons or organizations that the person has in his/her job. In general, the variable indicates whether a person was self-employed, or worked for someone else, either for pay or as an unpaid family worker. CLASSWK is related to EMPSTAT, which is used to define the universe in many samples.

Class of worker is often referred to as "status in employment" in other sources.

## Status in employment (class of worker) [detailed version] (CLASSWKD) File: ECU1982-P-H

### Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 0-999	

### Description

CLASSWK refers to the status of an economically active person with respect to his or her employment -- that is, the type of explicit or implicit contract of employment with other persons or organizations that the person has in his/her job. In general, the variable indicates whether a person was self-employed, or worked for someone else, either for pay or as an unpaid family worker. CLASSWK is related to EMPSTAT, which is used to define the universe in many samples.

Class of worker is often referred to as "status in employment" in other sources.

## Occupation, ISCO-1968, 3-digit (ISCO68A) File: ECU1982-P-H

### Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 11-999	

### Description

ISCO68A provides the 3-digit occupation code for the respondent using the ISCO-1968 occupation classification.

## Person number (within household) (EC1982A\_0002) File: ECU1982-P-H

### Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 0-30	

### Description

This variable indicates the person's record number within the household (household records get zero.)

### Universe

All persons

### Literal question

Person number (within household)

## Relationship to household head (EC1982A\_0401)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
Invalid: 0

### Description

This variable indicates the relationship of the person to the household head.

### Universe

All persons

### Literal question

2. What is your relationship to the head of the household? Mark the appropriate box.

Person 1:

0 Head

Persons 2 and 3:

- 1 Spouse, partner
- 2 Son/daughter
- 3 Son- or daughter-in-law
- 4 Grandchild
- 5 Parents or parents-in-law
- 6 Other relatives
- 7 Other non-relatives
- 8 Domestic employee [explicitly female]

### Interviewer instructions

Question 2. What family or other relationship do you have to the head of household?

Beginning with this question, you should record the information vertically, with one column for each member of the household.

The first column is for the head of household.

In the following columns, mark an X in the box corresponding to the family or other relationship that each of the people has to the head of household.

If it is a partner, put the X in box 1; if it is a son or daughter, put the X in box 2, etc.

In the case of collective dwellings, eliminate the first column corresponding to the head of household, using a vertical line.

## Sex (EC1982A\_0402)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
Invalid: 0

### Description

This variable indicates the gender of the individual.

### Universe

All persons

### Literal question

3. Are you male or female? Mark the appropriate box.

1 Male

2 Female

### Interviewer instructions

Question 3. Are you a man or a woman?

Mark with an X the box corresponding to the sex of the person you are interviewing.

## Age (EC1982A\_0403)

File: ECU1982-P-H

### Overview

Type: Discrete

Format: numeric

Width: 2

Decimals: 0

Range: 0-99

Valid cases: 0

Invalid: 0

### Description

This variable indicates the age of individual at last birthday.

### Universe

All persons

### Literal question

4. How old are you?

Write the age at last birthday. For those under one year write "00".

\_\_\_ Years completed

### Interviewer instructions

Question 4. How old are you in completed years?

Record on the corresponding line the number of completed years as of the last birthday, and not the number of years that the person is going to complete.

For those less than one year old, record 00.

## Province of birth (EC1982A\_0404)

File: ECU1982-P-H

### Overview

Type: Discrete

Format: numeric

Width: 2

Decimals: 0

Range: 10-99

Valid cases: 0

Invalid: 0

### Description

This variable indicates the province of birth.

### Universe

All persons

### Literal question

## 5. Where were you born?

If born in the rural parish or city where enumerated, mark the box Here; otherwise write the name of the rural parish or city and province. If born abroad, write just the name of the country.

- 00 Here  
 \_\_\_ Rural parish or city  
 \_\_\_ Province  
 \_\_\_ Foreign country  
 99 Unknown

**Interviewer instructions**

Question 5. Where were you born?

Mark here if the person was born in the rural parish or city where they are being enumerated.

Otherwise, write the name of the rural parish or city and province where the person was born.

If they were born abroad, record only the name of the country.

## Canton of birth (EC1982A\_0405)

File: ECU1982-P-H

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1001-9999

Valid cases: 0  
 Invalid: 0

**Description**

This variable indicates the canton of birth.

**Universe**

All persons

**Literal question**

5. Where were you born?

If born in the rural parish or city where enumerated, mark the box Here; otherwise write the name of the rural parish or city and province. If born abroad, write just the name of the country.

- 00 Here  
 \_\_\_ Rural parish or city  
 \_\_\_ Province  
 \_\_\_ Foreign country  
 99 Unknown

**Interviewer instructions**

Question 5. Where were you born?

Mark here if the person was born in the rural parish or city where they are being enumerated.

Otherwise, write the name of the rural parish or city and province where the person was born.

If they were born abroad, record only the name of the country.

## Province of habitual residence (EC1982A\_0407)

File: ECU1982-P-H

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 10-99

Valid cases: 0  
 Invalid: 0

### Description

This variable indicates the province of habitual residence.

### Universe

All persons

### Literal question

6. In what rural parish or city do you habitually live?

If the place of habitual residence is the rural parish or city where enumerated, mark the box Here; otherwise write the name of the rural parish or city and province. If living abroad, write just the name of the country.

00 Here

\_\_\_ Rural parish or city

\_\_\_ Province

\_\_\_ Foreign country

99 Unknown

### Interviewer instructions

Question 6. In what rural parish or city do you usually live?

Mark the box here if the place where the person usually lives is the rural parish or city where they are enumerated.

Otherwise, record the name of the rural parish or city and province where they live.

If the person lives abroad, record only the country.

## Years of residence in city or rural parish (EC1982A\_0410)

File: ECU1982-P-H

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-99

Valid cases: 0  
 Invalid: 0

### Description

This variable indicates the years of residence at the habitual residence (city or rural parish).

### Universe

All persons

### Literal question

7. How long have you lived in the place indicated?

Write the period of residence in the place indicated in question 6. If living there less than one year, write "00."

98 Always (Skip to question 9)

\_\_\_ Number of years

99 Unknown

### Interviewer instructions

Question 7. How long have you lived in the place indicated?

Mark the box always with an X when the person being enumerated has always lived in the place indicated in the previous question.

In this case, continue directly to question 9.

If the person doesn't report always or all of the time, record on the appropriate line the number of years that the informant reports; if it is less than 1 year, record 00.

## Province of prior residence (EC1982A\_0411)

File: ECU1982-P-H

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 10-99

Valid cases: 0  
Invalid: 0

### Description

This variable indicates the province of prior residence.

### Universe

All persons

### Literal question

8. In what rural parish or city did you live before?

Write the name of the rural parish or city and province. If abroad, write just the name of the country.

\_\_\_ Rural parish or city  
\_\_\_ Province  
\_\_\_ Foreign country  
[] 99 Unknown

### Interviewer instructions

Question 8. In what rural parish or city did you live before?

Don't ask this question of those who answered always to the previous question.

If this is not the case, record on the respective lines the name of the rural parish or city and province where the person lived before.

If the person lived abroad, record only the country.

## Canton of prior residence (EC1982A\_0412)

File: ECU1982-P-H

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 1001-9999

Valid cases: 0  
Invalid: 0

### Description

This variable indicates the canton of prior residence.

### Universe

All persons

### Literal question

8. In what rural parish or city did you live before?

Write the name of the rural parish or city and province. If abroad, write just the name of the country.

\_\_\_ Rural parish or city

\_\_\_ Province

\_\_\_ Foreign country

[ ] 99 Unknown

#### Interviewer instructions

Question 8. In what rural parish or city did you live before?

Don't ask this question of those who answered always to the previous question.

If this is not the case, record on the respective lines the name of the rural parish or city and province where the person lived before.

If the person lived abroad, record only the country.

## Able to read and write (EC1982A\_0414)

File: ECU1982-P-H

#### Overview

Type: Discrete

Format: numeric

Width: 1

Decimals: 0

Range: 0-9

Valid cases: 0

Invalid: 0

#### Description

This variable indicates whether the individual is able to read and write.

#### Universe

Persons age 6+

#### Literal question

For all individuals 6 years of age and older

9. Do you know how to read and write?

If only able to read or only able to write mark the box "no."

[ ] 1 Yes

[ ] 2 No

#### Interviewer instructions

Questions 9, 10 and 11 on Educational characteristics should be asked of all people 6 and older.

Question 9. Do you know how to read and write?

If the person knows how to read and write, mark the yes box.

If the person only reads or only writes, mark the no box.

If the person doesn't know how to read and write, mark the no box.

## Currently attending school (EC1982A\_0415)

File: ECU1982-P-H

**Overview**

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

Valid cases: 0  
 Invalid: 0

**Description**

This variable indicates whether the person is currently attending school or not.

**Universe**

Persons age 6+

**Literal question**

For all individuals 6 years of age and older

10. Do you attend any institution of regular schooling, whether a literacy center, primary, secondary, or post-secondary (superior)?

- 1 Yes, attending  
 2 Not attending  
 9 Unknown

**Interviewer instructions**

Questions 9, 10 and 11 on Educational characteristics should be asked of all people 6 and older.

Question 10. Do you attend any regular instructional establishment, literacy center, primary, secondary, or post-secondary [school]?

Mark the box that corresponds to the answer that the informant gives. Don't take into account short courses and correspondence courses.

## Level of instruction (EC1982A\_0416)

File: ECU1982-P-H

**Overview**

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

Valid cases: 0  
 Invalid: 0

**Description**

This variable indicates the highest level of instruction.

**Universe**

Persons age 6+

**Literal question**

For all individuals 6 years of age and older

11. What is the highest grade, class or year of schooling completed in the literacy center, primary, secondary, or post-secondary school?

Write the number of the highest grade, course or year completed on the corresponding line.

- 00 None  
 1. Literacy center  
 2. Primary  
 3. Secondary  
 4. Post-secondary  
 99 Unknown

#### Interviewer instructions

Questions 9, 10 and 11 on Educational characteristics should be asked of all people 6 and older.

Question 11. What is the last grade, level, or year that you passed in the literacy center, primary, secondary, or post-secondary [school]?

On the line corresponding to the level, record the number of the highest grade or year that the person passed, and not the one that they are in. Don't take into account short courses and correspondence courses.

## Last year of schooling attained within particular degree (EC1982A\_0417)

File: ECU1982-P-H

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-99

Valid cases: 0  
 Invalid: 0

#### Description

This variable indicates the highest year of education within a particular degree.

#### Universe

Persons age 6+

#### Literal question

For all individuals 6 years of age and older

11. What is the highest grade, class or year of schooling completed in the literacy center, primary, secondary, or post-secondary school?

Write the number of the highest grade, course or year completed on the corresponding line.

- 00 None  
 1. Literacy center  
 2. Primary  
 3. Secondary  
 4. Post-secondary  
 99 Unknown

#### Interviewer instructions

Questions 9, 10 and 11 on Educational characteristics should be asked of all people 6 and older.

Question 11. What is the last grade, level, or year that you passed in the literacy center, primary, secondary, or post-secondary [school]?

On the line corresponding to the level, record the number of the highest grade or year that the person passed, and not the one that they are in. Don't take into account short courses and correspondence courses.

## Level and year of schooling attained (EC1982A\_0418)

File: ECU1982-P-H

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-99

Valid cases: 0  
Invalid: 0

### Description

This variable indicates the degree and year of schooling attained.

### Universe

Persons age 6+

### Literal question

For all individuals 6 years of age and older

11. What is the highest grade, class or year of schooling completed in the literacy center, primary, secondary, or post-secondary school?

Write the number of the highest grade, course or year completed on the corresponding line.

00 None

1. Literacy center

2. Primary

3. Secondary

4. Post-secondary

99 Unknown

### Interviewer instructions

Questions 9, 10 and 11 on Educational characteristics should be asked of all people 6 and older.

Question 11. What is the last grade, level, or year that you passed in the literacy center, primary, secondary, or post-secondary [school]?

On the line corresponding to the level, record the number of the highest grade or year that the person passed, and not the one that they are in. Don't take into account short courses and correspondence courses.

## Enrolled in Social Security (EC1982A\_0419)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
 Invalid: 0

### Description

This variable indicates whether the person is affiliated with social security, which is public health system in Ecuador.

### Universe

Persons age 12+

### Literal question

For all individuals 12 years of age and older

12. Are or were you a participant in the social security?

1 Yes

Currently contributing?

3 Yes

4 No

2 No

### Interviewer instructions

Questions 12, 13, 14, 15 and 16 on Economic characteristics should be asked of all people 12 and older.

Question 12. Are you or were you a member of Social Security?

[This paragraph is in the rural manual] Any person who at one time made and/or is making contributions to Social Security is considered a member. A member can be an employee or manual laborer in a public or a private company, or a worker who voluntarily contributes and heads of family covered by municipalities that are part of rural Social Security. If the member pays on their own or knows that his contributions are being deducted, the person is considered to be currently contributing.

If the person is or was a member, put an X in box 1.

If the person has never been a member, mark box 2.

If the person responds that they are or were a member, ask: Do you currently contribute? and when the answer is affirmative, mark box 3; when the response is negative, mark box 4.

## Contributing to Social Security (EC1982A\_0420)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
 Invalid: 0

### Description

This variable indicates if the person contributed to social security.

### Universe

Persons who are affiliated with social security

**Literal question**

For all individuals 12 years of age and older

12. Are or were you a participant in the social security?

1 Yes

Currently contributing?

3 Yes

4 No

2 No

**Interviewer instructions**

Questions 12, 13, 14, 15 and 16 on Economic characteristics should be asked of all people 12 and older.

Question 12. Are you or were you a member of Social Security?

[This paragraph is in the rural manual] Any person who at one time made and/or is making contributions to Social Security is considered a member. A member can be an employee or manual laborer in a public or a private company, or a worker who voluntarily contributes and heads of family covered by municipalities that are part of rural Social Security. If the member pays on their own or knows that his contributions are being deducted, the person is considered to be currently contributing.

If the person is or was a member, put an X in box 1.

If the person has never been a member, mark box 2.

If the person responds that they are or were a member, ask: Do you currently contribute? and when the answer is affirmative, mark box 3; when the response is negative, mark box 4.

## Employment status (EC1982A\_0421)

File: ECU1982-P-H

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-99

Valid cases: 0  
Invalid: 0

**Description**

This variable indicates the economic activity of a person during last week.

**Universe**

Persons age 12+

**Literal question**

For all individuals 12 years of age and older

13. What did you do the greater part of the days between the 7th and the 13th of November?

Ask the questions in the order indicated: Worked? Did not work but had a job? Etc. and upon receiving a reply, mark the respective box and go on the next appropriate question.

- 1 Worked?
- 2 Did not work but had a job?
- 3 Unemployed? (Looked for work having worked before)

For responses 1-3, continue with question 14

- 4 Looked for work for the first time?
- 5 Studied exclusively?
- 6 Did household tasks exclusively?
- 7 Exclusively retired or pensioner?
- 8 Others
- 9 Unknown

For responses 4 - 9, women skip to 17, men skip to 21

#### Interviewer instructions

Questions 12, 13, 14, 15 and 16 on Economic characteristics should be asked of all people 12 and older.

Question 13. What did you do the majority of the days between the 7th and the 13th of November?

When asking the question, read the options in the order indicated. Did you work?, Did you not work but had a job?, and thus successively until you get an answer; then, mark the appropriate box and follow the directions that appear next to it and which indicate to you the question with which to continue.

[The following instructions are in the rural manual, on pages 36 and 37.] In this question, it's important to take special care with the following aspects:

As much as possible, ask those 12 and older directly. Pay a lot of attention when enumerating women. In rural areas, at the same time that they carry out domestic tasks in the household, women generally do work with agriculture/livestock, handicrafts or business that they frequently don't report because they consider it to be part of their domestic activity. In these circumstances, it is necessary to determine what the person did the majority of the week prior to the Census, in order to establish the questions that should be asked next. When people 12 years and older, especially women, report that they performed household duties, find out if they were done in their household or if it was a compensated activity in another place, in which case you should mark box 0, which corresponds to the option: Did you work?.

## Occupation, 1 digit (EC1982A\_0422)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
Invalid: 0

### Description

This variable indicates the 1-digit occupation code.

### Universe

Persons age 12+ who worked, or did not work but were employed, or looked for work and had worked before

### Literal question

For all individuals 12 years of age and older

Questions 14 - 16 are only for those who answered 1, 2, or 3 in question 13.

14. What is the occupation that provided the greatest income in the days from November 7th to 13th, or what was your last occupation if unemployed?

Write with some detail the work performed.

\_\_\_ [In addition to the space for the response, a blank, 3-character box also appears in the corner of this item.]

#### Interviewer instructions

Questions 12, 13, 14, 15 and 16 on Economic characteristics should be asked of all people 12 and older.

Question 14. What is the occupation that provided you with the greatest income during the days between the 7th and 13th of November or what was your last occupation if you were unemployed?

This question, as well as numbers 15 and 16, should only be asked of those people who responded with 0, 1, or 2 to question 13.

If the answer that the informant gives is ambiguous or not very clear, ask them to describe in some detail the work that they do and record what they report.

[The information below appears in a table in the original document.]

Incorrect recording: Teacher

Correct recording: Primary school teacher, high school teacher, music teacher

Incorrect recording: Craftsman

Correct recording: Radio technician, carpenter, potter

Incorrect recording: Seller

Correct recording: Pharmaceutical salesman, department store salesclerk, ticket and fare agent, life insurance salesman

Incorrect recording: Laborer, day-laborer or unskilled laborer

Correct recording: Unskilled farm worker, stevedore or dock worker, caretaker of vehicles

Incorrect recording: Mechanic

Correct recording: Auto mechanic, precision mechanic, dental technician

[The following is in the rural manual] Don't record manual laborer, unskilled laborer, mechanic, seller. Insist that the information be more precise, for example: construction worker, unskilled farm worker, milker, etc.

## Occupation, 2 digits (EC1982A\_0423)

File: ECU1982-P-H

### Overview

Type: Discrete

Format: numeric

Width: 3

Decimals: 0

Range: 0-999

Valid cases: 0

Invalid: 0

### Description

This variable indicates the 2-digit occupation code.

### Universe

Persons age 12+ who worked, or did not work but were employed, or looked for work and had worked before

### Literal question

For all individuals 12 years of age and older

Questions 14 - 16 are only for those who answered 1, 2, or 3 in question 13.

14. What is the occupation that provided the greatest income in the days from November 7th to 13th, or what was your last occupation if unemployed?

Write with some detail the work performed.

\_\_\_ [In addition to the space for the response, a blank, 3-character box also appears in the corner of this item.]

### Interviewer instructions

Questions 12, 13, 14, 15 and 16 on Economic characteristics should be asked of all people 12 and older.

Question 14. What is the occupation that provided you with the greatest income during the days between the 7th and 13th of November or what was your last occupation if you were unemployed?

This question, as well as numbers 15 and 16, should only be asked of those people who responded with 0, 1, or 2 to question 13.

If the answer that the informant gives is ambiguous or not very clear, ask them to describe in some detail the work that they do and record what they report.

[The information below appears in a table in the original document.]

Incorrect recording: Teacher

Correct recording: Primary school teacher, high school teacher, music teacher

Incorrect recording: Craftsman

Correct recording: Radio technician, carpenter, potter

Incorrect recording: Seller

Correct recording: Pharmaceutical salesman, department store salesclerk, ticket and fare agent, life insurance salesman

Incorrect recording: Laborer, day-laborer or unskilled laborer

Correct recording: Unskilled farm worker, stevedore or dock worker, caretaker of vehicles

Incorrect recording: Mechanic

Correct recording: Auto mechanic, precision mechanic, dental technician

[The following is in the rural manual] Don't record manual laborer, unskilled laborer, mechanic, seller. Insist that the information be more precise, for example: construction worker, unskilled farm worker, milker, etc.

## Occupation, 3 digits (EC1982A\_0424)

File: ECU1982-P-H

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 0-998

Valid cases: 0  
Invalid: 0

### Description

This variable indicates the 3-digit occupation code.

### Universe

Persons age 12+ who worked, or did not work but were employed, or looked for work and had worked before

### Literal question

For all individuals 12 years of age and older

Questions 14 - 16 are only for those who answered 1, 2, or 3 in question 13.

14. What is the occupation that provided the greatest income in the days from November 7th to 13th, or what was your last occupation if unemployed?

Write with some detail the work performed.

\_\_\_ [In addition to the space for the response, a blank, 3-character box also appears in the corner of this item.]

### Interviewer instructions

Questions 12, 13, 14, 15 and 16 on Economic characteristics should be asked of all people 12 and older.

Question 14. What is the occupation that provided you with the greatest income during the days between the 7th and 13th of November or what was your last occupation if you were unemployed?

This question, as well as numbers 15 and 16, should only be asked of those people who responded with 0, 1, or 2 to question 13.

If the answer that the informant gives is ambiguous or not very clear, ask them to describe in some detail the work that they do and record what they report.

[The information below appears in a table in the original document.]

Incorrect recording: Teacher

Correct recording: Primary school teacher, high school teacher, music teacher

Incorrect recording: Craftsman

Correct recording: Radio technician, carpenter, potter

Incorrect recording: Seller

Correct recording: Pharmaceutical salesman, department store salesclerk, ticket and fare agent, life insurance salesman

Incorrect recording: Laborer, day-laborer or unskilled laborer

Correct recording: Unskilled farm worker, stevedore or dock worker, caretaker of vehicles

Incorrect recording: Mechanic

Correct recording: Auto mechanic, precision mechanic, dental technician

[The following is in the rural manual] Don't record manual laborer, unskilled laborer, mechanic, seller. Insist that the information be more precise, for example: construction worker, unskilled farm worker, milker, etc.

Industry, 1 digit (EC1982A\_0425)

File: ECU1982-P-H

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-99

Valid cases: 0  
 Invalid: 0

### Description

This variable indicates the 1-digit industry code.

### Universe

Persons age 12+ who worked, or did not work but were employed, or looked for work and had worked before

### Literal question

For all individuals 12 years of age and older

Questions 14 - 16 are only for those who answered 1, 2, or 3 in question 13.

15. What does the establishment where you engage in the occupation indicated primarily do?

Write for example: Primary education, doctor's office, textile factory, restaurants, livestock ranch, etc.

\_\_\_ [In addition to the space for the response, a blank, 3-character box also appears in the corner of this item.]

### Interviewer instructions

Questions 12, 13, 14, 15 and 16 on Economic characteristics should be asked of all people 12 and older.

Question 15. What does the establishment where you performed the indicated occupation primarily do?

If the answer is given in vague or imprecise terms, insist that the informant give you greater details. Don't accept information such as factory or workshop; you should indicate exactly what type of activity is done in the establishment.

Examples of how to record:

Primary education  
 Doctor's office  
 Textile factory  
 Carpentry  
 Livestock ranch  
 Restaurant  
 Shoe store  
 Insurance company  
 Automotive mechanics workshop  
 Furniture factory  
 Beauty salon  
 Government ministry  
 Bakery  
 Poultry farm

Industry, 2 digits (EC1982A\_0426)

File: ECU1982-P-H

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-99

Valid cases: 0  
 Invalid: 0

**Description**

This variable indicates the 2-digit industry code.

**Universe**

Persons age 12+ who worked, or did not work but were employed, or looked for work and had worked before

**Literal question**

For all individuals 12 years of age and older

Questions 14 - 16 are only for those who answered 1, 2, or 3 in question 13.

15. What does the establishment where you engage in the occupation indicated primarily do?

Write for example: Primary education, doctor's office, textile factory, restaurants, livestock ranch, etc.

\_\_\_ [In addition to the space for the response, a blank, 3-character box also appears in the corner of this item.]

**Interviewer instructions**

Questions 12, 13, 14, 15 and 16 on Economic characteristics should be asked of all people 12 and older.

Question 15. What does the establishment where you performed the indicated occupation primarily do?

If the answer is given in vague or imprecise terms, insist that the informant give you greater details. Don't accept information such as factory or workshop; you should indicate exactly what type of activity is done in the establishment.

Examples of how to record:

Primary education  
 Doctor's office  
 Textile factory  
 Carpentry  
 Livestock ranch  
 Restaurant  
 Shoe store  
 Insurance company  
 Automotive mechanics workshop  
 Furniture factory  
 Beauty salon  
 Government ministry  
 Bakery  
 Poultry farm

Industry (EC1982A\_0427)

File: ECU1982-P-H

**Overview**

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

Valid cases: 0  
 Invalid: 0

**Description**

This variable indicates the 3-digit industry code.

**Universe**

Persons age 12+ who worked, or did not work but were employed, or looked for work and had worked before

**Literal question**

For all individuals 12 years of age and older

Questions 14 - 16 are only for those who answered 1, 2, or 3 in question 13.

15. What does the establishment where you engage in the occupation indicated primarily do?

Write for example: Primary education, doctor's office, textile factory, restaurants, livestock ranch, etc.

\_\_\_ [In addition to the space for the response, a blank, 3-character box also appears in the corner of this item.]

**Interviewer instructions**

Questions 12, 13, 14, 15 and 16 on Economic characteristics should be asked of all people 12 and older.

Question 15. What does the establishment where you performed the indicated occupation primarily do?

If the answer is given in vague or imprecise terms, insist that the informant give you greater details. Don't accept information such as factory or workshop; you should indicate exactly what type of activity is done in the establishment.

Examples of how to record:

Primary education  
 Doctor's office  
 Textile factory  
 Carpentry  
 Livestock ranch  
 Restaurant  
 Shoe store  
 Insurance company  
 Automotive mechanics workshop  
 Furniture factory  
 Beauty salon  
 Government ministry  
 Bakery  
 Poultry farm

**Class of worker (EC1982A\_0428)**

File: ECU1982-P-H

**Overview**

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

Valid cases: 0  
 Invalid: 0

**Description**

This variable indicates the class of worker.

**Universe**

Persons age 12+ who worked, or did not work but were employed, or looked for work and had worked before

**Literal question**

For all individuals 12 years of age and older

Questions 14 - 16 are only for those who answered 1, 2, or 3 in question 13.

16. What was the category or position in the occupation indicated?

Ask the questions in the order given and upon receiving an answer; mark the appropriate box.

1 Owner or active partner?

2 Own-account?

Worker or salaried employee?

3 Public sector

4 Private sector

5 Unpaid family worker?

6 Others

9 Unknown

### Interviewer instructions

Questions 12, 13, 14, 15 and 16 on Economic characteristics should be asked of all people 12 and older.

Question 16. What was your category or position in the occupation you indicated?

After asking the question, clearly read each of the options in the order that they appear and, upon receiving a response, mark the corresponding box.

[p. 34]

Mark box 1 when it is an owner or active partner.

Owner. Is a person who runs their own company or business, or who practices a profession or trade and who has one or more paid employees. Ex: the owner of a factory.

Active partner. Is a person who invests by their work, or through capital and work, in a given company.

Mark box 2, own-account, if the person runs their own company or business, or practices a profession or trade on their own, but does not have paid employees. Ex: street vendor [In the rural manual: ex: a farmer who works land on their own property, a spinner, etc.]

Mark box 3, public employee or wage-earner, when the person being enumerated is an official, employee, or manual laborer for the National Government, Sectional Government, or Autonomous Sector, who receives remuneration, a salary, a wage or piecework pay (pago a destajo), under appointment, contract, or a daily wage.

[This paragraph as follows in the rural manual:] Mark box 3, public employee or wage-earner, when the person being enumerated is an official, employee, or manual laborer who receives remuneration, a salary, a wage or piecework pay (pago a destajo), under appointment, contract, or a daily wage from the National Government, e.g., a sheriff ( Teniente Político), Post Office employee, etc.; Sectional Government such as Municipalities, Provincial Councils, etc; or Autonomous Sector, institutions like the National Development Bank (Banco de Fomento), etc.

Private sector employee or wage earner. Mark box 4 for an official, employee, or manual laborer who works in a private company and receives remuneration, a salary, a wage, commission, tips, piecework pay (pago a destajo) or payment in kind.

Unpaid family worker. Mark box 5 if the person being enumerated performs an unpaid occupation in the company or business of a family member during the majority of the week.

## Children ever born (EC1982A\_0429)

File: ECU1982-P-H

### Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 0-99	

### Description

This variable indicates the total number of children born alive.

### Universe

Females age 15+

### Literal question

Only for women 15 years of age and older

17. How many children born alive have you had?

[ ] 00 None Skip to question 21

\_\_\_ Number

[ ] 99 Unknown

### Interviewer instructions

Questions 17, 18, 19 and 20, which refer to fertility and death characteristics, should be asked only of women 15 years of age and older.

Question 17. How many children born alive have you had in all?

It is imperative to emphasize the question in the sense that it refers to all children born alive, and does not distinguish between those that may have died and those that are currently alive.

Take into account the fact that informants tend to omit those children who died shortly after birth.

If the answer to this question is none, continue directly to question no. 21.

## Children currently living (EC1982A\_0430)

File: ECU1982-P-H

### Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 0-99	

### Description

This variable indicates the number of children currently alive.

### Universe

Females age 15+ with children ever born

### Literal question

Only for women 15 years of age and older

18. Of these children, how many are currently alive?

[ ] 00 None

\_\_\_ Number

[ ] 99 Unknown

#### Interviewer instructions

Questions 17, 18, 19 and 20, which refer to fertility and death characteristics, should be asked only of women 15 years of age and older.

Question 18. How many of those children are currently alive?

In this question you will record the number of live children that the informant currently has, including those who don't live in the household.

## Month of last live birth (EC1982A\_0431)

File: ECU1982-P-H

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-99

Valid cases: 0  
Invalid: 0

#### Description

This variable indicates the month of birth of last child born alive.

#### Universe

Females age 15+ with children ever born

#### Literal question

Only for women 15 years of age and older

19. What was the date of birth of your last child born alive?

Date: \_\_\_ Month  
19\_\_ Year

#### Interviewer instructions

Questions 17, 18, 19 and 20, which refer to fertility and death characteristics, should be asked only of women 15 years of age and older.

Question 19. On what date did you have your last child born alive?

Record the month and year in which the last child of the person being interviewed was born. If she doesn't remember the month, record only the year.

## Year of last live birth (EC1982A\_0432)

File: ECU1982-P-H

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-99

Valid cases: 0  
 Invalid: 0

**Description**

This variable indicates the year of birth of last child born alive.

**Universe**

Females age 15+ with children ever born

**Literal question**

Only for women 15 years of age and older

19. What was the date of birth of your last child born alive?

Date: \_\_\_ Month  
 19\_\_ Year

**Interviewer instructions**

Questions 17, 18, 19 and 20, which refer to fertility and death characteristics, should be asked only of women 15 years of age and older.

Question 19. On what date did you have your last child born alive?

Record the month and year in which the last child of the person being interviewed was born. If she doesn't remember the month, record only the year.

## Last child born currently alive (EC1982A\_0433)

File: ECU1982-P-H

**Overview**

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

Valid cases: 0  
 Invalid: 0

**Description**

This variable indicates if the last child born is currently alive.

**Universe**

Females age 15+ with children ever born

**Literal question**

Only for women 15 years of age and older

20. Is your last child currently alive?

1 Yes  
 2 No  
 9 Unknown

**Interviewer instructions**

Questions 17, 18, 19 and 20, which refer to fertility and death characteristics, should be asked only of women 15 years of age and older.

Question 20. Is your last child alive?

Indicate the appropriate box, according to the response that the informant gives.

## Marital status (EC1982A\_0434)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
Invalid: 0

### Description

This variable indicates the marital status of individual.

### Universe

Persons age 12+

### Literal question

E. Marital Status

For all individuals 12 years of age and older

21. Are you in a consensual union, single, married, divorced, widowed, or separated?

- 1 Consensual union
- 2 Single
- 3 Married
- 4 Divorced
- 5 Widowed
- 6 Separated
- 9 Unknown

### Interviewer instructions

E. Marital or conjugal status

This question is for men and women 12 years of age and older.

Question 21. Are you in a consensual union, single, married, divorced, widowed or separated?

Read the question as it is written. Mark the box corresponding to the answer given.

## Person weight (PERWT)

File: ECU1982-P-H

### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 2

Valid cases: 0  
Invalid: 0

### Description

PERWT indicates the number of persons in the actual population represented by the person in the sample.

For the samples that are truly weighted (see the comparability discussion), PERWT must be used to yield accurate statistics for the population.

NOTE: PERWT has 2 implied decimal places. That is, the last two digits of the eight-digit variable are decimal digits, but there is no actual decimal in the data.

## Years residing in current locality (MIGYRS1)

File: ECU1982-P-H

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-99

Valid cases: 0  
Invalid: 0

### Description

MIGYRS1 indicates how many years the person has resided in their current locality of residence.

## Years of schooling (YRSCHOOL)

File: ECU1982-P-H

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-99

Valid cases: 0  
Invalid: 0

### Description

YRSCHOOL indicates the highest grade/level of schooling the person had completed, in years. Only formal schooling is counted. YRSCHOOL accounts for the number of years of study, regardless of the track or kind of study. Information on degree and/or technical track is available in EDATTAIN. Years of schooling for Israel, categorized into intervals, are given in YRSCHOOL2.

Users should pay close attention to the top-codes in each sample, as discussed in the comparability section.

## Educational attainment, international recode [general version] (EDATTAIN)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
Invalid: 0

### Description

EDATTAIN records the person's educational attainment in terms of the level of schooling completed (degree or other milestone). The emphasis on level completed is critical: a person attending the final year of secondary education receives the code for having completed lower secondary only -- and in some samples only primary.

EDATTAIN does not necessarily reflect any particular country's definition of the various levels of schooling in terms of terminology or the number of years of schooling. EDATTAIN is an attempt to merge -- into a single, roughly comparable variable -- samples that provide degrees, ones that provide actual years of schooling, and those that have some of both. In addition to EDATTAIN, a country-specific education classification is provided which loses no information and reflects the particular educational system of that country (for example EDUCBR for Brazil, EDUCCL for Chile, and EDUCUS for the United States). As always, users can refer to the original education source variables for each sample, if they wish.

Many samples also give single years of schooling completed, recorded in YRSCHOOL. Some samples provide educational information in a form that could not be incorporated into EDATTAIN.

## Educational attainment, international recode [detailed version]

(EDATTAIND)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
Invalid: 0

### Description

EDATTAIN records the person's educational attainment in terms of the level of schooling completed (degree or other milestone). The emphasis on level completed is critical: a person attending the final year of secondary education receives the code for having completed lower secondary only -- and in some samples only primary.

EDATTAIN does not necessarily reflect any particular country's definition of the various levels of schooling in terms of terminology or the number of years of schooling. EDATTAIN is an attempt to merge -- into a single, roughly comparable variable -- samples that provide degrees, ones that provide actual years of schooling, and those that have some of both. In addition to EDATTAIN, a country-specific education classification is provided which loses no information and reflects the particular educational system of that country (for example EDUCBR for Brazil, EDUCCL for Chile, and EDUCUS for the United States). As always, users can refer to the original education source variables for each sample, if they wish.

Many samples also give single years of schooling completed, recorded in YRSCHOOL. Some samples provide educational information in a form that could not be incorporated into EDATTAIN.

## Country of birth (BPLCOUNTRY)

File: ECU1982-P-H

### Overview

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 0  
Range: 0-99999

Valid cases: 0  
Invalid: 0

### Description

BPLCOUNTRY indicates the person's country of birth.

## Nativity status (NATIVITY)

File: ECU1982-P-H

### Overview

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

Valid cases: 0  
 Invalid: 0

#### Description

NATIVITY indicates whether the person was native- or foreign-born.

## Year [person version] (YEARP)

File: ECU1982-P-H

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

#### Description

[This file is just a placeholder. See the household version of the variable.]

## IPUMS sample identifier [person version] (SAMPLEP)

File: ECU1982-P-H

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 9  
 Decimals: 0

Valid cases: 0  
 Invalid: 0

#### Description

[This file is just a placeholder. See the household version of the variable.]

## Household serial number [person version] (SERIAL)

File: ECU1982-P-H

#### Overview

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

Valid cases: 0  
 Invalid: 0

#### Description

[This file is just a placeholder. See the household version of the variable.]

## Country [person version] (COUNTRYP)

File: ECU1982-P-H

#### Overview

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

Valid cases: 0  
 Invalid: 0

#### Description

[This file is just a placeholder. See the household version of the variable.]

## Record type [person version] (RECTYPEP)

File: ECU1982-P-H

### Overview

Type: Discrete

Format: character

Width: 1

Valid cases: 0

Invalid: 0

### Description

[This file is just a placeholder. See the household version of the variable.]

# Documentation

## Questionnaires

### IV Censo de Población y III de Vivienda

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Title IV Censo de Población y III de Vivienda  
 Author(s) Instituto Nacional de Estadística y Censos (INEC), República del Ecuador  
 Date 1982-11-28  
 Country Ecuador  
 Language Spanish  
 Publisher(s) Instituto Nacional de Estadística y Censos (INEC), República del Ecuador  
 Filename enum\_form\_ec1982.pdf

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### IV Census of Population and III of Housing

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Title IV Census of Population and III of Housing  
 Author(s) National Institute of Statistics and Censuses, Republic of Ecuador  
 Date 1982-11-28  
 Country Ecuador  
 Language English  
 Contributor(s) Minnesota Population Center (translator)  
 Publisher(s) National Institute of Statistics and Censuses, Republic of Ecuador  
 Filename enum\_form\_ec1982\_tag.pdf

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## Technical documents

### Manual de Crítica y Digitación

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Title Manual de Crítica y Digitación  
 Author(s) Instituto Nacional de Estadística y Censos (INEC), República del Ecuador  
 Date 1982-11-28  
 Country Ecuador  
 Language Spanish  
 Publisher(s) Instituto Nacional de Estadística y Censos (INEC), República del Ecuador  
 Filename coding\_post\_enum\_ec1982.pdf

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### Enumerator's Manual

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Title Enumerator's Manual  
 Author(s) National Institute of Statistics and Censuses, Republic of Ecuador  
 Date 1982-11-28  
 Country Ecuador  
 Language English  
 Contributor(s) Minnesota Population Center (translator)  
 Publisher(s) National Institute of Statistics and Censuses, Republic of Ecuador  
 Filename enum\_instruct\_ec1982\_tag.pdf

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## Manual del Empadronador Rural

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Title Manual del Empadronador Rural  
 Author(s) Instituto Nacional de Estadística y Censos (INEC), República del Ecuador  
 Date 1982-11-28  
 Country Ecuador  
 Language Spanish  
 Publisher(s) Instituto Nacional de Estadística y Censos (INEC), República del Ecuador  
 Filename enum\_instruct\_ec1982\_rural.pdf

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## Manual del Empadronador Urbano

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Title Manual del Empadronador Urbano  
 Author(s) Instituto Nacional de Estadística y Censos (INEC), República del Ecuador, Vicepresidencia de la República  
 Date 1982-11-28  
 Country Ecuador  
 Language Spanish  
 Publisher(s) Instituto Nacional de Estadística y Censos (INEC), República del Ecuador, Vicepresidencia de la República  
 Filename enum\_instruct\_ec1982\_urban.pdf

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## División Política y Territorial de la República del Ecuador. Codificación de Continentes y Países

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Title División Política y Territorial de la República del Ecuador. Codificación de Continentes y Países  
 Author(s) Instituto Nacional de Estadística y Censos (INEC), República del Ecuador  
 Date 1982-11-28  
 Country Ecuador  
 Language Spanish  
 Publisher(s) Instituto Nacional de Estadística y Censos (INEC), República del Ecuador  
 Filename geog\_code\_ec1982.pdf

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## Clasificación Industrial Internacional de Actividades Económicas (C.I.I.U)

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Title Clasificación Industrial Internacional de Actividades Económicas (C.I.I.U)  
 Author(s) Instituto Nacional de Estadística y Censos (INEC)  
 Date 1982-11-28  
 Country Ecuador  
 Language Spanish  
 Publisher(s) Instituto Nacional de Estadística y Censos (INEC)  
 Filename ind\_code\_ec1982.pdf

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## Ecuador 1982, 1990. Documentación que se Encuentra Disponible en Diskette

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Title Ecuador 1982, 1990. Documentación que se Encuentra Disponible en Diskette  
 Author(s) Instituto Nacional de Estadística y Censos (INEC)  
 Date 2002-03-01  
 Country Ecuador  
 Language Spanish  
 Publisher(s) Instituto Nacional de Estadística y Censos (INEC)

Filename info\_celade\_ec1982.pdf

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## **Códigos de Ocupación Grandes Grupos y Subgrupos Primarios**

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Title Códigos de Ocupación Grandes Grupos y Subgrupos Primarios  
Author(s) Instituto Nacional de Estadística y Censos (INEC)  
Date 1982-11-28  
Country Ecuador  
Language Spanish  
Publisher(s) Instituto Nacional de Estadística y Censos (INEC)  
Filename occ\_code\_ec1982.pdf

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