

Switzerland - Swiss Federal Population Census of 1970 - IPUMS Subset

Federal Statistical Office, Minnesota Population Center

Report generated on: August 27, 2019

Visit our data catalog at: <https://microdata.worldbank.org/index.php>

Overview

Identification

ID NUMBER

CHE_1970_PHC_v01_M_v02_A_IPUMS

Version

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

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

Household

UNITS IDENTIFIED:

- Dwellings: No
- Vacant units: Yes
- Households: Yes
- Individuals: Yes

- Group quarters: Yes

UNIT DESCRIPTIONS:

- Dwellings: Residential buildings including single family home, multiple family home, farm, and apartment building; other buildings (e.g. factory or commercial buildings) if they contain at least one unit for residential purposes; other accommodations (e.g., barracks, mountain farms, wagons) if they are occupied on the census day.

- Group quarters: Collective households are groups of persons who reside in hotels, boarding houses, care facilities, boarding schools, hospitals, company dormitories, etc.

TOPICS

Topic	Vocabulary	URI
Technical Household Variables -- HOUSEHOLD	IPUMS	
Group Quarters Variables -- HOUSEHOLD	IPUMS	
Constructed Household Variables -- HOUSEHOLD	IPUMS	
Constructed Family Interrelationship Variables -- PERSON	IPUMS	
Demographic Variables -- PERSON	IPUMS	
Work Variables -- PERSON	IPUMS	
Geography: Global Variables -- HOUSEHOLD	IPUMS	
Appliances, Mechanicals, Other Amenities Variables -- HOUSEHOLD	IPUMS	
Dwelling Characteristics Variables -- HOUSEHOLD	IPUMS	
Technical Person Variables -- PERSON	IPUMS	
Nativity and Birthplace Variables -- PERSON	IPUMS	
Education Variables -- PERSON	IPUMS	
Household Economic Variables -- HOUSEHOLD	IPUMS	
Utilities Variables -- HOUSEHOLD	IPUMS	
Geography: M-Z Variables -- HOUSEHOLD	IPUMS	
Migration Variables -- PERSON	IPUMS	
Ethnicity and Language Variables -- PERSON	IPUMS	
Work: Occupation Variables -- PERSON	IPUMS	
Work: Industry Variables -- PERSON	IPUMS	

Coverage

GEOGRAPHIC COVERAGE

National coverage

GEOGRAPHIC UNIT

Canton

UNIVERSE

All persons residing in Switzerland, except foreign diplomats stationed in Switzerland and their families.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Federal Statistical Office	
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_CHE_1970_PHC_v01_M_v02_A_IPUMS

Sampling

Sampling Procedure

MICRODATA SOURCE: Federal Statistical Office

SAMPLE DESIGN: Systematic sample of every 20th household, drawn by the Federal Statistical Office

SAMPLE UNIT: Household

SAMPLE FRACTION: 5%

SAMPLE SIZE (person records): 312,538

Weighting

Self-weighting. Expansion factor = 20.

Questionnaires

Overview

There are three forms: (i) person questionnaire, (ii) dwelling [household] questionnaire, and (iii) building questionnaire.

Data Collection

Data Collection Dates

Start	End	Cycle
1970-11-25	1970-11-28	N/A

Time Periods

Start	End	Cycle
1970-12-01	1970-12-01	N/A

Data Collection Mode

Face-to-face [f2f]

Data Collection Notes

De facto, CENSUS DAY: December 1, 1970, FIELD WORK PERIOD: November 25-28, 1970

Questionnaires

There are three forms: (i) person questionnaire, (ii) dwelling [household] questionnaire, and (iii) building questionnaire.

Supervision

Direct and self-enumeration

Data Processing

No content available

Data Appraisal

No content available

File Description

Variable List

CHE1970-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	SERIAL	Household serial number	contin	numeric	
V4	SUBSAMP	Subsample number	discrete	numeric	
V5	PERSONS	Number of person records in the household	contin	numeric	
V6	SAMPLE	IPUMS sample identifier	discrete	numeric	
V7	GQ	Group quarters (collective dwelling) status	discrete	numeric	
V8	HHTYPE	Household classification	discrete	numeric	
V9	NFAMS	Number of families in household	discrete	numeric	
V10	HEADLOC	Head's location in household	contin	numeric	
V11	UNREL	Number of unrelated persons	discrete	numeric	
V12	ENUTS1	NUTS1 Region, Europe	discrete	numeric	
V13	ENUTS2	NUTS2 Region, Europe	discrete	numeric	
V14	ENUTS3	NUTS3 Region, Europe	discrete	numeric	
V15	HEAT	Central heating	discrete	numeric	
V16	ROOMS	Number of rooms	discrete	numeric	
V17	KITCHEN	Kitchen or cooking facilities	discrete	numeric	

V18	REGIONW	Continent and region of country	discrete	numeric	
V19	GEOLEV1	1st subnational geographic level, world [consistent boundaries over time]	discrete	numeric	
V20	CH1970A_0001	Dwelling number	contin	numeric	Dwelling number
V21	CH1970A_0006	Number of persons in household	discrete	numeric	Number of persons in household
V22	CH1970A_0016	Dwelling created by splitting apart a large dwelling or household	discrete	numeric	Dwelling created by splitting apart a large dwelling or household
V23	CH1970A_0018	Number of persons in large household before it was split	discrete	numeric	Number of persons in large household before it was split
V24	CH1970A_0022	Type of household	discrete	numeric	Type of household
V25	CH1970A_0093	Category of building	discrete	numeric	<p>List of all dwellings in building Here, all dwellings in the building are to be listed. Vacant or part time occupied dwellings are only to be included if they have their own kitchen or kitchenette. As vacant dwellings are those dwellings to be counted which are habitable, have a kitchen or kitchenette, are vacant at the time of the census, but are offered for rent or sale. Such category includes single family houses which are vacant. Second homes/dwellings (occupied dwellings without inhabitants = BWOB) include vacation and weekend apartments and houses which are used by the owners themselves or are rented for short periods, but are not used for permanent occupation. As second home are considered also those dwellings which have kitchens or kitchenettes and which are not occupied by their owners at census time (e.g. mountain- and valley-, city- and country homes or because of stays in foreign countries or hospitals) as well as dwellings which are rented out already for later occupancy and are unoccupied at the time of the census. Floor number: lower level = U; ground floor/1st floor = P; 2nd floor = 1; 3rd floor = 2; etc. Several floors, e.g. P/1, 1/2, P/1/2; single family house = E. "List of dwellings in building" [table]: [each row represents one dwelling] [Columns headings:] (A) Number (1 to 45) (B) Dwelling is situated on which floor: ____ (C) If dwelling is occupied: indicate name of the head of household. ____ If dwelling unoccupied: indicate vacant, or BOWB. ____ (D) With own kitchen (E) With own kitchenette [p. 5] If necessary, use second building questionnaire and mark "continuation".</p>
V26	CH1970A_0094	Type of building	discrete	numeric	<p>2. Type of building a) Is the building a: [] Single family house [] Two families house [] 3 or more families house [] Other type of building [Notes to question 2] a) Motor homes, ships, emergency shelters are to be indicated as such. b) For farms, question 2b is to be answered "Yes" even if living spaces and agricultural spaces are separated. c) In case of extensions and renovations the year of the original construction is to be chosen; in case of complete rebuilding, the year of rebuilding.</p>

V27	CH1970A_0095	Year structure was built	discrete	numeric	2. Type of building c) When was the building constructed? [] Before 1947 [] 1947 -- 1960 [] After 1960 [Notes to question 2] a) Motor homes, ships, emergency shelters are to be indicated as such. b) For farms, question 2b is to be answered "Yes" even if living spaces and agricultural spaces are separated. c) In case of extensions and renovations the year of the original construction is to be chosen; in case of complete rebuilding, the year of rebuilding.
V28	CH1970A_0096	Number of floors (including ground floor)	discrete	numeric	3. Building features a) Number of floors (without basement or "Estrich" [type of large entrance hall]) ____ b) Person elevator: [] Yes [] No c) Air raid shelter: [] Yes [] No d) Heating through combination boiler: [] Yes [] No e) Connected to sewer: [] Yes [] No [Notes to question 3] a) Finished earth- or lower level floors as well as other floors even if they are not serving living needs are to be counted. The "Estrich" [type of large entrance hall] is to be counted when it is finished at least half for living purposes. c) To be included are rooms which are available on an interim basis as air raid shelters. e) By sewer is meant the sewer network provided by the municipality as well as a privately operated sewer system [e.g. septic tank]. A cesspool without overflow into pipes is not a sewer as defined here.
V29	CH1970A_0097	Type of ownership (building)	discrete	numeric	Type of ownership (building)
V30	CH1970A_0098	Type of heating	discrete	numeric	5. Dwelling is equipped with a) Bath or shower: [] Own bath or shower [] Shared with other dwellings [] No bath nor shower b) Hot water through: [] Central service [] Electrical boiler [] Gas fired boiler [] Wood fired boiler [] No hot water c) Flushing toilet: [] Yes [] No d) Heating: [] Distance heating [] Central heating in house [] Central heating on floor [] Separate stoves [] No heating e) Heated by: [] Wood [] Coal [] Oil [] Electricity [] Gas f) Appliances owned or provided by landlord: Refrigerator: [] Yes [] No Freezer: [] Yes [] No Automatic washing machine: [] Yes [] No [Notes to question 5] a) Baths or showers must have a tub or shower facility with running hot water supply. They do not have to be in separate rooms. b) A central hot water service provides several dwellings with hot water. Electrical instantaneous water heaters are counted as electrical boilers. Gas fired boilers include all gas fired hot water heaters. d) Distance heating are heating systems serving two or more buildings. Hot air heating in single family houses is counted as central house heating. f) Freezer compartments in refrigerators are not to be counted as freezers. An automatic washing machine has water heating and all functions performed automatically.

V31	CH1970A_0099	Hot water	discrete	numeric	<p>5. Dwelling is equipped with a) Bath or shower: <input type="checkbox"/> Own bath or shower <input type="checkbox"/> Shared with other dwellings <input type="checkbox"/> No bath nor shower b) Hot water through: <input type="checkbox"/> Central service <input type="checkbox"/> Electrical boiler <input type="checkbox"/> Gas fired boiler <input type="checkbox"/> Wood fired boiler <input type="checkbox"/> No hot water c) Flushing toilet: <input type="checkbox"/> Yes <input type="checkbox"/> No d) Heating: <input type="checkbox"/> Distance heating <input type="checkbox"/> Central heating in house <input type="checkbox"/> Central heating on floor <input type="checkbox"/> Separate stoves <input type="checkbox"/> No heating e) Heated by: <input type="checkbox"/> Wood <input type="checkbox"/> Coal <input type="checkbox"/> Oil <input type="checkbox"/> Electricity <input type="checkbox"/> Gas f) Appliances owned or provided by landlord: Refrigerator: <input type="checkbox"/> Yes <input type="checkbox"/> No Freezer: <input type="checkbox"/> Yes <input type="checkbox"/> No Automatic washing machine: <input type="checkbox"/> Yes <input type="checkbox"/> No [Notes to question 5] a) Baths or showers must have a tub or shower facility with running hot water supply. They do not have to be in separate rooms. b) A central hot water service provides several dwellings with hot water. Electrical instantaneous water heaters are counted as electrical boilers. Gas fired boilers include all gas fired hot water heaters. d) Distance heating are heating systems serving two or more buildings. Hot air heating in single family houses is counted as central house heating. f) Freezer compartments in refrigerators are not to be counted as freezers. An automatic washing machine has water heating and all functions performed automatically.</p>
V32	CH1970A_0100	Energy used for heating	discrete	numeric	<p>5. Dwelling is equipped with a) Bath or shower: <input type="checkbox"/> Own bath or shower <input type="checkbox"/> Shared with other dwellings <input type="checkbox"/> No bath nor shower b) Hot water through: <input type="checkbox"/> Central service <input type="checkbox"/> Electrical boiler <input type="checkbox"/> Gas fired boiler <input type="checkbox"/> Wood fired boiler <input type="checkbox"/> No hot water c) Flushing toilet: <input type="checkbox"/> Yes <input type="checkbox"/> No d) Heating: <input type="checkbox"/> Distance heating <input type="checkbox"/> Central heating in house <input type="checkbox"/> Central heating on floor <input type="checkbox"/> Separate stoves <input type="checkbox"/> No heating e) Heated by: <input type="checkbox"/> Wood <input type="checkbox"/> Coal <input type="checkbox"/> Oil <input type="checkbox"/> Electricity <input type="checkbox"/> Gas f) Appliances owned or provided by landlord: Refrigerator: <input type="checkbox"/> Yes <input type="checkbox"/> No Freezer: <input type="checkbox"/> Yes <input type="checkbox"/> No Automatic washing machine: <input type="checkbox"/> Yes <input type="checkbox"/> No [Notes to question 5] a) Baths or showers must have a tub or shower facility with running hot water supply. They do not have to be in separate rooms. b) A central hot water service provides several dwellings with hot water. Electrical instantaneous water heaters are counted as electrical boilers. Gas fired boilers include all gas fired hot water heaters. d) Distance heating are heating systems serving two or more buildings. Hot air heating in single family houses is counted as central house heating. f) Freezer compartments in refrigerators are not to be counted as freezers. An automatic washing machine has water heating and all functions performed automatically.</p>
V33	CH1970A_0101	Energy used for hot water	discrete	numeric	<p>5. Dwelling is equipped with a) Bath or shower: <input type="checkbox"/> Own bath or shower <input type="checkbox"/> Shared with other dwellings <input type="checkbox"/> No bath nor shower b) Hot water through: <input type="checkbox"/> Central service <input type="checkbox"/> Electrical boiler <input type="checkbox"/> Gas fired boiler <input type="checkbox"/> Wood fired boiler <input type="checkbox"/> No hot water c) Flushing toilet: <input type="checkbox"/> Yes <input type="checkbox"/> No d) Heating: <input type="checkbox"/> Distance heating <input type="checkbox"/> Central heating in house <input type="checkbox"/> Central heating on floor <input type="checkbox"/> Separate stoves <input type="checkbox"/> No heating e) Heated by: <input type="checkbox"/> Wood <input type="checkbox"/> Coal <input type="checkbox"/> Oil <input type="checkbox"/> Electricity <input type="checkbox"/> Gas f) Appliances owned or provided by landlord: Refrigerator: <input type="checkbox"/> Yes <input type="checkbox"/> No Freezer: <input type="checkbox"/> Yes <input type="checkbox"/> No Automatic washing machine: <input type="checkbox"/> Yes <input type="checkbox"/> No [Notes to question 5] a) Baths or showers must have a tub or shower facility with running hot water supply. They do not have to be in separate rooms. b) A central hot water service provides several dwellings with hot water. Electrical instantaneous water heaters are counted as electrical boilers. Gas fired boilers include all gas fired hot water heaters. d) Distance heating are heating systems serving two or more buildings. Hot air heating in single family houses is counted as central house heating. f) Freezer compartments in refrigerators are not to be counted as freezers. An automatic washing machine has water heating and all functions performed automatically.</p>

V34	CH1970A_0106	Number of rooms	discrete	numeric	4. Number of rooms in dwelling (including those rented out): a) Rooms (living-, working-, bed-rooms, without kitchen, bath, hall, veranda): ____ b) Hall-cum-living-room: ____ c) Other rooms belonging to dwelling (attic rooms, rooms in basement or neighboring houses): ____ d) Rooms rented additionally: ____ e) Number of rooms in a) to d) rented out: (1) To lodgers: ____ (2) To other persons, businesses: ____ [Notes to question 4] a) Half sized rooms are to be counted as such. b) Hall-cum-living-rooms are finished dining or work spaces in halls which receive sunlight through a window.
V35	CH1970A_0107	Number of connected rooms	discrete	numeric	4. Number of rooms in dwelling (including those rented out): a) Rooms (living-, working-, bed-rooms, without kitchen, bath, hall, veranda): ____ b) Hall-cum-living-room: ____ c) Other rooms belonging to dwelling (attic rooms, rooms in basement or neighboring houses): ____ d) Rooms rented additionally: ____ e) Number of rooms in a) to d) rented out: (1) To lodgers: ____ (2) To other persons, businesses: ____ [Notes to question 4] a) Half sized rooms are to be counted as such. b) Hall-cum-living-rooms are finished dining or work spaces in halls which receive sunlight through a window.
V36	CH1970A_0109	Kitchen or kitchenette	discrete	numeric	3. Kitchen, kitchenette a) Does the dwelling have? <input type="checkbox"/> Own kitchen <input type="checkbox"/> Own kitchenette <input type="checkbox"/> Shared kitchen with other dwellings <input type="checkbox"/> No kitchen b) How does the kitchen stove works? <input type="checkbox"/> Wood <input type="checkbox"/> Coal <input type="checkbox"/> Electrical <input type="checkbox"/> Gas <input type="checkbox"/> Other [Notes to question 3] a) The kitchen must have at least 4 square meters. Spaces below that used for cooking and dishwashing are regarded as kitchenettes. A shared kitchen must be shared with at least one other household. b) The question applies also to stoves not provided by the landlord.
V37	CH1970A_0110	Occupancy status of dwelling	discrete	numeric	2. Ownership status: do you occupy this dwelling as? <input type="checkbox"/> House owner <input type="checkbox"/> Condominium owner <input type="checkbox"/> Other co-owner of house <input type="checkbox"/> Lessee <input type="checkbox"/> Tenant <input type="checkbox"/> Member of a co-operative <input type="checkbox"/> Company dwelling <input type="checkbox"/> Free dwelling [Notes to question 2] Member of a co-operative are members of a building co-op who at the same time occupy a dwelling therein. Company dwellings are provided by employers to employees according to an employment contract. Free dwellings are dwellings provided for free by other than employers (e.g. relatives).
V38	CH1970A_0111	Net rent (in Swiss Francs)	contin	numeric	6. Amount of rent (only for dwellings or single family homes which are rented unfurnished and or not connected with a commercial or agricultural firm): Rent only (i.e. without costs for heating, hot water, garage) In Fr.: ____ Inclusive rent (if the above costs cannot be separated) In Fr.: ____ Paid: <input type="checkbox"/> Monthly <input type="checkbox"/> Quarterly <input type="checkbox"/> Semi-annually <input type="checkbox"/> Annually If inclusive rent, which costs are included: <input type="checkbox"/> Heating <input type="checkbox"/> Hot water <input type="checkbox"/> Garage [Notes to question 6] Only one type of paying rent should be chosen. Members of co-operatives do not deduct rebates; share certificate payments are not part of the rent.
V39	CH1970A_0112	Strata	contin	numeric	Strata
V40	HHWT	Household weight	contin	numeric	
V41	GEO1_CH	Switzerland, Canton 1970 - 2000 [Level 1; consistent boundaries, GIS]	discrete	numeric	
V42	GEO1_CH1970	Switzerland, Canton 1970 [Level 1, GIS]	discrete	numeric	

V43	NCOUPLES	Number of married couples in household	discrete	numeric
V44	NMOTHERS	Number of mothers in household	discrete	numeric
V45	NFATHERS	Number of fathers in household	discrete	numeric
V46	COUNTRY	Country	discrete	numeric
V47	BUILTYR	Year structure was built	discrete	numeric
V48	AGESTRUCT2	Age of structure, coded from intervals	discrete	numeric
V49	OWNERSHIP	Ownership of dwelling [general version]	discrete	numeric
V50	OWNERSHIPD	Ownership of dwelling [detailed version]	discrete	numeric
V51	FUELHEAT	Fuel for heating	discrete	numeric
V52	HOTWATER	Hot water heater	discrete	numeric
V53	STRATA	Strata identifier	contin	numeric

CHE1970-P-H

Content	Person records
Cases	0
Variable(s)	87
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	STEPMOM	Probable stepmother	discrete	numeric	
V55	POLYMAL	Man with more than one wife linked	discrete	numeric	
V56	SPLOC	Spouse's location in household	contin	numeric	
V57	PARRULE	Rule for linking parent	discrete	numeric	
V58	POPLOC	Father's location in household	contin	numeric	
V59	POLY2ND	Woman is second or higher order wife	discrete	numeric	
V60	FAMUNIT	Family unit membership	contin	numeric	
V61	FAMSIZE	Number of own family members in household	discrete	numeric	
V62	NCHILD	Number of own children in household	discrete	numeric	
V63	NCHLT5	Number of own children under age 5 in household	discrete	numeric	
V64	ELDCH	Age of eldest own child in household	discrete	numeric	
V65	YNGCH	Age of youngest own child in household	discrete	numeric	
V66	STEPPOP	Probable stepfather	discrete	numeric	
V67	SPRULE	Rule for linking spouse	discrete	numeric	
V68	MOMLOC	Mother's location in household	contin	numeric	
V69	SEX	Sex	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	MARST	Marital status [general version]	discrete	numeric	
V74	MARSTD	Marital status [detailed version]	discrete	numeric	
V75	EMPSTAT	Activity status (employment status) [general version]	discrete	numeric	
V76	EMPSTATD	Activity status (employment status) [detailed version]	discrete	numeric	
V77	CLASSWK	Status in employment (class of worker) [general version]	discrete	numeric	
V78	CLASSWKD	Status in employment (class of worker) [detailed version]	discrete	numeric	
V79	PERNUM	Person number	contin	numeric	
V80	AGE2	Age, grouped into intervals	discrete	numeric	
V81	EBPLNT1	Region of birth, Europe, NUTS1	discrete	numeric	
V82	CITIZEN	Citizenship	discrete	numeric	
V83	NATION	Country of citizenship	discrete	numeric	
V84	HRSFULL	Full-time or part-time work	discrete	numeric	
V85	TRNWRK	Means of transportation to work or school	discrete	numeric	
V86	OCC	Occupation, unrecoded	contin	numeric	
V87	INDGEN	Industry, general recode	discrete	numeric	
V88	EDUCCH	Educational attainment, Switzerland	discrete	numeric	
V89	OCCISCO	Occupation, ISCO general	discrete	numeric	
V90	EMARST	Marital status, Europe	discrete	numeric	
V91	IND	Industry, unrecoded	contin	numeric	
V92	ERELATE	Relationship to head, Europe	discrete	numeric	
V93	ISCO88A	Occupation, ISCO-1988, 3-digit	discrete	numeric	
V94	CH1970A_0003	Person number (within household)	discrete	numeric	Person number (within household)

V95	CH1970A_0400	Labour force status	discrete	numeric	C. Questions to persons age 13 and over [Applies to question 19]
V96	CH1970A_0401	Country of citizenship	discrete	numeric	A. Questions to all persons [Applies to questions 1-15] 8. Nationality (Swiss/foreign dual nationalities should only indicate their Swiss citizenship): <input type="checkbox"/> Swiss <input type="checkbox"/> Foreigner (foreigners specify their nationality in question 27) For Swiss nationals (citizens of more than one municipality should list the most recent acquired one): ____ Citizen of which municipality ____ Canton (abbreviation) F. Questions to foreigners [Applies to questions 27-28] 27. Foreigners with valid passport or home certificate: citizenship ____ Without papers, stateless, refugees: last citizenship. ____
V97	CH1970A_0402	Place of residence 5 years prior to the census	discrete	numeric	A. Questions to all persons [Applies to questions 1-15] 10. Residence 5 years ago (1.12.1965) (children under 5 years of age not to be considered): <input type="checkbox"/> Municipality of current residency <input type="checkbox"/> Other municipality ____ Indicate which municipality ____ Canton or State (abbreviation)
V98	CH1970A_0403	Place of birth	discrete	numeric	A. Questions to all persons [Applies to questions 1-15] 9. Place of birth (persons born in a hospital indicate the parents' or mother's residence at that time): <input type="checkbox"/> Municipality of current residency <input type="checkbox"/> Other municipality ____ Indicate which municipality ____ Canton or State (abbreviation)
V99	CH1970A_0404	Citizenship	discrete	numeric	A. Questions to all persons [Applies to questions 1-15] 8. Nationality (Swiss/foreign dual nationalities should only indicate their Swiss citizenship): <input type="checkbox"/> Swiss <input type="checkbox"/> Foreigner (foreigners specify their nationality in question 27) For Swiss nationals (citizens of more than one municipality should list the most recent acquired one): ____ Citizen of which municipality ____ Canton (abbreviation)
V100	CH1970A_0405	Location of workplace	discrete	numeric	A. Questions to all persons [Applies to questions 1-15] E. Questions to employed, school children and students [Applies to questions 23-26] 23. Where do you work? (full or part time; drivers, railway employees construction workers indicate the place from where they start their work; commercial travelers write 'traveling'). Where do you attend to school? ____ Exact address ____ Municipality ____ Canton or state
V101	CH1970A_0406	Location of place of education	discrete	numeric	A. Questions to all persons [Applies to questions 1-15] E. Questions to employed, school children and students [Applies to questions 23-26] 23. Where do you work? (full or part time; drivers, railway employees construction workers indicate the place from where they start their work; commercial travelers write 'traveling'). Where do you attend to school? ____ Exact address ____ Municipality ____ Canton or state
V102	CH1970A_0407	Age	discrete	numeric	A. Questions to all persons [Applies to questions 1-15] 2. Date of birth: ____ Day ____ Month ____ Year
V103	CH1970A_0408	Sex	discrete	numeric	A. Questions to all persons [Applies to questions 1-15] 3. Sex: <input type="checkbox"/> Male <input type="checkbox"/> Female
V104	CH1970A_0409	Marital status	discrete	numeric	A. Questions to all persons [Applies to questions 1-15] 4. Marital status: <input type="checkbox"/> Single <input type="checkbox"/> Married, including separated <input type="checkbox"/> Widowed <input type="checkbox"/> Divorced

V105	CH1970A_0410	Religion	discrete	numeric	A. Questions to all persons [Applies to questions 1-15] 7. Religion: <input type="checkbox"/> Protestant <input type="checkbox"/> Roman Catholic <input type="checkbox"/> Others i.e.: ____
V106	CH1970A_0411	Mother tongue	discrete	numeric	A. Questions to all persons [Applies to questions 1-15] 6. Mother tongue (language in which you think and that you know best): <input type="checkbox"/> German <input type="checkbox"/> French <input type="checkbox"/> Italian <input type="checkbox"/> Rhaeto-Romanic <input type="checkbox"/> Others i.e.: ____
V107	CH1970A_0412	Reference person or spouse	discrete	numeric	A. Questions to all persons [Applies to questions 1-15]
V108	CH1970A_0413	Household status (relationship)	discrete	numeric	A. Questions to all persons [Applies to questions 1-15] 5. Position in the household: <input type="checkbox"/> Head of household <input type="checkbox"/> Spouse of head <input type="checkbox"/> Son or daughter of head <input type="checkbox"/> Others (e.g. mother, son-in-law, grand child, domestic help, lodger etc.): ____
V109	CH1970A_0414	Profession studied, highest qualification obtained	discrete	numeric	A. Questions to all persons [Applies to questions 1-15] 14. Learned or acquired professions, completed studies (please be specific): a) First profession learned: ____ Duration: <input type="checkbox"/> Less than 1 year <input type="checkbox"/> 1 to less than 2 years <input type="checkbox"/> 2 to less than 3 years <input type="checkbox"/> 3 years or longer b) Profession learned later on: ____ Duration: <input type="checkbox"/> Less than 1 year <input type="checkbox"/> 1 to less than 2 years <input type="checkbox"/> 2 to less than 3 years <input type="checkbox"/> 3 years or longer 15. Acquired certificates and diplomas, academic titles: ____
V110	CH1970A_0415	Present occupation	discrete	numeric	D. Questions to persons who carry out a profession [Applies to questions 20-22] 21. Main profession or part time activity: [Unemployed persons indicate in question 21a and 21b their last employment] a) What is your present activity (please specify, possibly in note form, e.g. not just factory worker, but e.g. metal polisher, leather preparer; not just "employee" but e.g. punch card operator, general office work): ____ b) Occupational status, hierarchical grade (unskilled worker, apprentice, foreman, skilled worker, home worker, chief clerk, office manager, tenant farmer, business owner, family member employed in family business, etc.): ____ c) Name of employer, firm (persons who work for several employers, e.g. home workers, cleaners, should write 'several' only): ____ d) Branch, line of business (please specify as accurately as possible, e.g. not just "furniture" but "furniture factory" or "furniture dealer"): ____
V111	CH1970A_0416	Present occupation (ISCO)	discrete	numeric	D. Questions to persons who carry out a profession [Applies to questions 20-22] 21. Main profession or part time activity: [Unemployed persons indicate in question 21a and 21b their last employment] a) What is your present activity (please specify, possibly in note form, e.g. not just factory worker, but e.g. metal polisher, leather preparer; not just "employee" but e.g. punch card operator, general office work): ____ b) Occupational status, hierarchical grade (unskilled worker, apprentice, foreman, skilled worker, home worker, chief clerk, office manager, tenant farmer, business owner, family member employed in family business, etc.): ____ c) Name of employer, firm (persons who work for several employers, e.g. home workers, cleaners, should write 'several' only): ____ d) Branch, line of business (please specify as accurately as possible, e.g. not just "furniture" but "furniture factory" or "furniture dealer"): ____

V112	CH1970A_0417	Present occupation (ISCO 3 digit)	discrete	numeric	D. Questions to persons who carry out a profession [Applies to questions 20-22] 21. Main profession or part time activity: [Unemployed persons indicate in question 21a and 21b their last employment] a) What is your present activity (please specify, possibly in note form, e.g. not just factory worker, but e.g. metal polisher, leather preparer; not just "employee" but e.g. punch card operator, general office work): _____ b) Occupational status, hierarchical grade (unskilled worker, apprentice, foreman, skilled worker, home worker, chief clerk, office manager, tenant farmer, business owner, family member employed in family business, etc.): _____ c) Name of employer, firm (persons who work for several employers, e.g. home workers, cleaners, should write 'several' only): _____ d) Branch, line of business (please specify as accurately as possible, e.g. not just "furniture" but "furniture factory" or "furniture dealer"):
V113	CH1970A_0418	Position in principal employment	discrete	numeric	D. Questions to persons who carry out a profession [Applies to questions 20-22] 21. Main profession or part time activity: [Unemployed persons indicate in question 21a and 21b their last employment] a) What is your present activity (please specify, possibly in note form, e.g. not just factory worker, but e.g. metal polisher, leather preparer; not just "employee" but e.g. punch card operator, general office work): _____ b) Occupational status, hierarchical grade (unskilled worker, apprentice, foreman, skilled worker, home worker, chief clerk, office manager, tenant farmer, business owner, family member employed in family business, etc.): _____ c) Name of employer, firm (persons who work for several employers, e.g. home workers, cleaners, should write 'several' only): _____ d) Branch, line of business (please specify as accurately as possible, e.g. not just "furniture" but "furniture factory" or "furniture dealer"):
V114	CH1970A_0419	Time worked (hours)	discrete	numeric	D. Questions to persons who carry out a profession [Applies to questions 20-22] 20. How many hours do you work usually a week (not including house work): [Persons with an additional occupation in agriculture or another branch need also to answer question 20] a) In main profession or part time activity: [] Under 6 hours [] 6 to 19 hours [] 20 to 39 hours [] 40 hours or more b) In additional occupation: [] Under 6 hours [] 6 to 19 hours [] 20 to 39 hours [] 40 hours or more
V115	CH1970A_0420	Branch of economic activity (industry)	discrete	numeric	D. Questions to persons who carry out a profession [Applies to questions 20-22] 21. Main profession or part time activity: [Unemployed persons indicate in question 21a and 21b their last employment] a) What is your present activity (please specify, possibly in note form, e.g. not just factory worker, but e.g. metal polisher, leather preparer; not just "employee" but e.g. punch card operator, general office work): _____ b) Occupational status, hierarchical grade (unskilled worker, apprentice, foreman, skilled worker, home worker, chief clerk, office manager, tenant farmer, business owner, family member employed in family business, etc.): _____ c) Name of employer, firm (persons who work for several employers, e.g. home workers, cleaners, should write 'several' only): _____ d) Branch, line of business (please specify as accurately as possible, e.g. not just "furniture" but "furniture factory" or "furniture dealer"):

V116	CH1970A_0421	Judicial form of the enterprise	discrete	numeric	D. Questions to persons who carry out a profession [Applies to questions 20-22]
V117	CH1970A_0423	Time to commute (travel duration) to work	discrete	numeric	E. Questions to employed, school children and students [Applies to questions 23-26] 24. Duration of one way commute to work or to school: [] Place or work or location of school is on the same property [] Up to 15 minutes [] Over 15 to 30 minutes [] 30 to 60 minutes [] Over 1 hour
V118	CH1970A_0424	Round trips (how often) to commute to work	discrete	numeric	E. Questions to employed, school children and students [Applies to questions 23-26] 25. Do you usually make the commute between your residence and place of work/school once or twice daily (journey there and back together -- once): [] Once [] Twice
V119	CH1970A_0425	Means of transport (travel mode) to work	discrete	numeric	E. Questions to employed, school children and students [Applies to questions 23-26] 26. Most important means of transportation: If several, indicate the one which is used for the longest distance. [] On foot [] Train [] Streetcar or bus [] Vehicle of employer (e.g. bus) [] Private car [] Motorcycle/scooter [] Bicycle/moped [] Other (e.g. funicular, ship)
V120	CH1970A_0426	Time to commute (travel duration) to school	discrete	numeric	E. Questions to employed, school children and students [Applies to questions 23-26] 24. Duration of one way commute to work or to school: [] Place or work or location of school is on the same property [] Up to 15 minutes [] Over 15 to 30 minutes [] 30 to 60 minutes [] Over 1 hour
V121	CH1970A_0427	Round trips (how often) to commute to school	discrete	numeric	E. Questions to employed, school children and students [Applies to questions 23-26] 25. Do you usually make the commute between your residence and place of work/school once or twice daily (journey there and back together -- once): [] Once [] Twice
V122	CH1970A_0428	Means of transport (travel mode) to school	discrete	numeric	E. Questions to employed, school children and students [Applies to questions 23-26] 26. Most important means of transportation: If several, indicate the one which is used for the longest distance. [] On foot [] Train [] Streetcar or bus [] Vehicle of employer (e.g. bus) [] Private car [] Motorcycle/scooter [] Bicycle/moped [] Other (e.g. funicular, ship)
V123	CH1970A_0429	Highest level of educational attainment (original values)	discrete	numeric	A. Questions to all persons [Applies to questions 1-15] 13. Completed stages of education (all completed school levels to be indicated): [] None [] Primary school [] Secondary or trade school [] Higher education school (see examples) [] School for general or language education [] Full time professional school (see examples) [] School for higher technical/professional training [] College/university Examples: Higher education schools: grammar school, teacher seminars, higher education schools for women. Full time professional schools: schools for pharmacists, laboratory technicians, librarians, social workers, nurses, agriculture, but not mandatory apprenticeship schools.

V124	CH1970A_0430	Highest level of educational attainment (corrected values)	discrete	numeric	A. Questions to all persons [Applies to questions 1-15] 13. Completed stages of education (all completed school levels to be indicated): [] None [] Primary school [] Secondary or trade school [] Higher education school (see examples) [] School for general or language education [] Full time professional school (see examples) [] School for higher technical/professional training [] College/university Examples: Higher education schools: grammar school, teacher seminars, higher education schools for women. Full time professional schools: schools for pharmacists, laboratory technicians, librarians, social workers, nurses, agriculture, but not mandatory apprenticeship schools.
V125	PERWT	Person weight	contin	numeric	
V126	MIGRATE5	Migration status, 5 years	discrete	numeric	
V127	EDATTAIN	Educational attainment, international recode [general version]	discrete	numeric	
V128	EDATTAIND	Educational attainment, international recode [detailed version]	discrete	numeric	
V129	RELIGION	Religion [general version]	discrete	numeric	
V130	RELIGIOND	Religion [detailed version]	discrete	numeric	
V131	EEDATTAIN	Educational attainment, Europe	discrete	numeric	
V132	EEMPSTAT	Activity status (employment status), Europe	discrete	numeric	
V133	ECLASSWK	Status in employment (class of worker), Europe	discrete	numeric	
V134	MTONGCH	Mother tongue, Switzerland	discrete	numeric	
V135	NATIVITY	Nativity status	discrete	numeric	
V136	YEARP	Year [person version]	contin	numeric	
V137	SAMPLEP	IPUMS sample identifier [person version]	contin	numeric	
V138	SERIAL	Household serial number [person version]	contin	numeric	
V139	COUNTRYP	Country [person version]	contin	numeric	
V140	RECTYPEP	Record type [person version]	discrete	character	

Record type (RECTYPE)

File: CHE1970-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: CHE1970-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.

Household serial number (SERIAL)

File: CHE1970-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.

Subsample number (SUBSAMP)

File: CHE1970-H-H

Overview

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

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.

Number of person records in the household (PERSONS)

File: CHE1970-H-H

Overview

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

IPUMS sample identifier (SAMPLE)

File: CHE1970-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).

Group quarters (collective dwelling) status (GQ)

File: CHE1970-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.

Household classification (HHTYPE)

File: CHE1970-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: CHE1970-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: CHE1970-H-H

Overview

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

Valid cases: 0
Invalid: 0

Description

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

Number of unrelated persons (UNREL)

File: CHE1970-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.

NUTS1 Region, Europe (ENUTS1)

File: CHE1970-H-H

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: 101-9999

Valid cases: 0
Invalid: 0

Description

ENUTS1 identifies the Nomenclature of Territorial Units for Statistics (NUTS) within Europe in which the household was enumerated. NUTS1 is the first level territorial units within countries. NUTS is a standard administrative division of the European Union, and was developed by the EU. The European Free Trade Association extends the NUTS system to several additional countries outside of the EU, and they are also incorporated into this variable.

The code labels include the standard code for the NUTS1 system and the name of the NUTS1 region, separated by a slash.

The full set of geography variables for the countries 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](#).

NUTS2 Region, Europe (ENUTS2)

File: CHE1970-H-H

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: 111-3407

Valid cases: 0
Invalid: 0

Description

ENUTS2 identifies the Nomenclature of Territorial Units for Statistics (NUTS) within Europe in which the household was enumerated. NUTS2 is the second level territorial units within countries. NUTS is a standard administrative division of the European Union, and was developed by the EU. The European Free Trade Association extends the NUTS system to several additional countries outside of the EU, and they are also incorporated into this variable.

The code labels include the standard code for the NUTS2 system and the name of the NUTS2 region, separated by a slash.

The full set of geography variables for the countries 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](#).

NUTS3 Region, Europe (ENUTS3)

File: CHE1970-H-H

Overview

Type: Discrete
Format: numeric
Width: 5
Decimals: 0
Range: 1111-34070

Valid cases: 0
Invalid: 0

Description

ENUTS3 identifies the Nomenclature of Territorial Units for Statistics (NUTS) within Europe in which the household was enumerated. NUTS3 is the third level territorial units within countries. NUTS is a standard administrative division of the European Union, and was developed by the EU. The European Free Trade Association extends the NUTS system to several additional countries outside of the EU, and they are also incorporated into this variable.

The code labels include the standard code for the NUTS3 system and the name of the NUTS3 region, separated by a slash.

The full set of geography variables for the countries 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](#).

Central heating (HEAT)

File: CHE1970-H-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

HEAT indicates the type of heating in the dwelling: individual or collective central heating, non-central heating, or none.

Number of rooms (ROOMS)

File: CHE1970-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: CHE1970-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.

Continent and region of country (REGIONW)

File: CHE1970-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.

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

File: CHE1970-H-H

Overview

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

Valid cases: 0
 Invalid: 0

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 number (CH1970A_0001)

File: CHE1970-H-H

Overview

Type: Continuous
 Format: numeric
 Width: 6
 Decimals: 0

Valid cases: 0
 Invalid: 0

Description

This variable indicates the dwelling number.

Universe

All households

Literal question

Dwelling number

Number of persons in household (CH1970A_0006)

File: CHE1970-H-H

Overview

Type: Discrete
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 1-15

Valid cases: 0
 Invalid: 0

Description

This variable indicates the number of persons in the household.

Universe

All households

Literal question

Number of persons in household

Dwelling created by splitting apart a large dwelling or household (CH1970A_0016)

File: CHE1970-H-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

This variable indicates if the dwelling was created by splitting apart a larger dwelling or household.

Universe

All households

Literal question

Dwelling created by splitting apart a large dwelling or household

Number of persons in large household before it was split (CH1970A_0018)

File: CHE1970-H-H

Overview

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

Valid cases: 0
Invalid: 0

Description

This variable indicates the number of persons in a large household before it was split.

Universe

All households

Literal question

Number of persons in large household before it was split

Type of household (CH1970A_0022)

File: CHE1970-H-H

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: 1000-9200

Valid cases: 0
Invalid: 0

Description

This variable identifies the type of household.

Universe

All households

Literal question

Type of household

Interviewer instructions

Definition of household

40. For the purpose of enumeration, a difference is being made between private households which receive an envelope for private households and collective households which receive a person list for collective households.

What is a private household?

41. A private household consists of family members living together and all other persons living with them (e.g. maids, apprentices, lodgers, paying guests, permanent guests, and nurses).

42. Lodgers or sub-tenants do not form a separate household but belong to the host household; only in cases where they cannot be assigned to a household because they occupy rooms which belong to a business, doctor office, etc. are they to be treated as separate households.

43. Single persons and persons not related to each other form a household if they live in their own closed dwelling or single room which they have rented from the landlord and which is separate from his dwelling.

44. Examples of households

A family in a rented dwelling

A farmer with family members and hired persons in the farm or in annex buildings

A house owner and the lodgers who live in the same dwelling

Several persons who have rented and occupy jointly a dwelling

A single person who has rented a room directly from the house owner

A married couple who has rented part of a dwelling directly from the house owner and share a kitchen

Persons have rented basement or attic rooms which are separate from the dwelling of the owner

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45. Examples of persons who do not form a separate household:

Lodger/subtenant in the dwelling of the landlord

Tenant of an attic room which belongs to the dwelling of the landlord;

All those included in collective households.

What is a collective household?

46. Collective households are groups of persons who reside in hotels, boarding houses, care facilities, boarding schools, hospitals, company dormitories, etc.

47. Hotels, inns, boarding houses

Owners and managers of hotel, inns, boarding houses, hostels, etc form with their family and domestic staff their own private households. The same applies to staff members who have their own household. Those persons will be enumerated with the private household questionnaires and are not to be entered on the collective household list.

Other staff members together with the guests form a collective household. However, only if there are 3 or more persons to be listed is a collective household list to be used; otherwise they are added to the private household of the owner or manager.

48. Institutions and care facilities

For the purpose of the census, these include the following:

Hospitals, sanatoria, clinics, care facilities, asylums, home for the blinds or deaf, boarding schools, children homes, orphanages, poorhouses, old age homes, cloisters, prisons. Staff members living with their families in the institutions are enumerated as private households.

As a general rule, the questionnaires for the occupants are completed by the manager.

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49. Other collective households

That includes staff members that have common accommodation but do not own the house and cannot be assigned to a household, for example:

Four journeyman bakers accommodated in an apartment by the owner

Construction workers in barracks

Tourists in mass accommodations

If there is no owner or manager, the enumerator himself fills in the person list.

50. Military barracks and schools

Staff members living in the facilities having their own households are to be enumerated as private households. Soldiers and other military staff are to be enumerated at their home municipality.

Category of building (CH1970A_0093)

File: CHE1970-H-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

This variable identifies the building category for each household.

Universe

All households

Literal question

List of all dwellings in building

Here, all dwellings in the building are to be listed. Vacant or part time occupied dwellings are only to be included if they have their own kitchen or kitchenette.

As vacant dwellings are those dwellings to be counted which are habitable, have a kitchen or kitchenette, are vacant at the time of the census, but are offered for rent or sale. Such category includes single family houses which are vacant.

Second homes/dwellings (occupied dwellings without inhabitants = BWOB) include vacation and weekend apartments and houses which are used by the owners themselves or are rented for short periods, but are not used for permanent occupation.

As second home are considered also those dwellings which have kitchens or kitchenettes and which are not occupied by their owners at census time (e.g. mountain- and valley-, city- and country homes or because of stays in foreign countries or hospitals) as well as dwellings which are rented out already for later occupancy and are unoccupied at the time of the census.

Floor number: lower level = U; ground floor/1st floor = P; 2nd floor = 1; 3rd floor = 2; etc. Several floors, e.g. P/1, 1/2, P/1/2; single family house = E.

"List of dwellings in building" [table]:
 [each row represents one dwelling]

[Columns headings:]

(A) Number (1 to 45)

(B) Dwelling is situated on which floor:

(C) If dwelling is occupied: indicate name of the head of household.

If dwelling unoccupied: indicate vacant, or BOWB.

(D) With own kitchen

(E) With own kitchenette

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If necessary, use second building questionnaire and mark "continuation".

Type of building (CH1970A_0094)

File: CHE1970-H-H

Overview

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

Valid cases: 0
Invalid: 0

Description

This variable identifies the type of building for each household.

Universe

All households

Literal question

2. Type of building

a) Is the building a:

- ☐ Single family house
- ☐ Two families house
- ☐ 3 or more families house
- ☐ Other type of building

[Notes to question 2]

a) Motor homes, ships, emergency shelters are to be indicated as such.

b) For farms, question 2b is to be answered "Yes" even if living spaces and agricultural spaces are separated.

c) In case of extensions and renovations the year of the original construction is to be chosen; in case of complete rebuilding, the year of rebuilding.

Interviewer instructions

For which building is a building questionnaire to be completed?

58. Every residential building even if it is occupied only part time.

59. Other buildings if they contain at least one occupied or vacant dwelling.

60. Other accommodations if they are occupied on census day.

Year structure was built (CH1970A_0095)

File: CHE1970-H-H

Overview

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

Valid cases: 0
Invalid: 0

Description

This variable identifies the year when the structure was built for each household, with the exclusion of emergency shelters.

Universe

All households except emergency shelters

Literal question

2. Type of building

c) When was the building constructed?

☐ Before 1947☐ 1947 -- 1960☐ After 1960

[Notes to question 2]

a) Motor homes, ships, emergency shelters are to be indicated as such.

b) For farms, question 2b is to be answered "Yes" even if living spaces and agricultural spaces are separated.

c) In case of extensions and renovations the year of the original construction is to be chosen; in case of complete rebuilding, the year of rebuilding.

Number of floors (including ground floor) (CH1970A_0096)**File: CHE1970-H-H****Overview**

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

Valid cases: 0
 Invalid: 0

Description

This variable identifies the number of floors (including the ground floor) of the dwelling, with the exclusion of emergency shelters.

Universe

All households except emergency shelters

Literal question

3. Building features

a) Number of floors (without basement or "Estrich" [type of large entrance hall])

—

b) Person elevator:

☐ Yes

☐ No

c) Air raid shelter:

☐ Yes

☐ No

d) Heating through combination boiler:

☐ Yes

☐ No

e) Connected to sewer:

☐ Yes

☐ No

[Notes to question 3]

a) Finished earth- or lower level floors as well as other floors even if they are not serving living needs are to be counted. The "Estrich" [type of large entrance hall] is to be counted when it is finished at least half for living purposes.

c) To be included are rooms which are available on an interim basis as air raid shelters.

e) By sewer is meant the sewer network provided by the municipality as well as a privately operated sewer system [e.g. septic tank]. A cesspool without overflow into pipes is not a sewer as defined here.

Type of ownership (building) (CH1970A_0097)

File: CHE1970-H-H

Overview

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

Valid cases: 0
Invalid: 0

Description

This variable describes the type of ownership of the dwelling, with the exclusion of emergency shelters.

Universe

All households except emergency shelters

Literal question

Type of ownership (building)

Type of heating (CH1970A_0098)

File: CHE1970-H-H

Overview

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

Valid cases: 0
Invalid: 0

Description

This variable identifies the type of heating present in each dwelling that is not an emergency shelter, a collective household, or an institution.

Universe

Private households except emergency shelters

Literal question

5. Dwelling is equipped with

a) Bath or shower:

- ☐ Own bath or shower
- ☐ Shared with other dwellings
- ☐ No bath nor shower

b) Hot water through:

- ☐ Central service
- ☐ Electrical boiler
- ☐ Gas fired boiler
- ☐ Wood fired boiler
- ☐ No hot water

c) Flushing toilet:

- ☐ Yes
- ☐ No

d) Heating:

- ☐ Distance heating
- ☐ Central heating in house
- ☐ Central heating on floor
- ☐ Separate stoves
- ☐ No heating

e) Heated by:

- ☐ Wood
- ☐ Coal
- ☐ Oil
- ☐ Electricity
- ☐ Gas

f) Appliances owned or provided by landlord:

Refrigerator:

- ☐ Yes
- ☐ No

Freezer:

- ☐ Yes
- ☐ No

Automatic washing machine:

- ☐ Yes
- ☐ No

[Notes to question 5]

- a) Baths or showers must have a tub or shower facility with running hot water supply. They do not have to be in separate rooms.
- b) A central hot water service provides several dwellings with hot water. Electrical instantaneous water heaters are counted as electrical boilers. Gas fired boilers include all gas fired hot water heaters.
- d) Distance heating are heating systems serving two or more buildings. Hot air heating in single family houses is counted as central house heating.
- f) Freezer compartments in refrigerators are not to be counted as freezers. An automatic washing machine has water heating and all functions performed automatically.

Hot water (CH1970A_0099)

File: CHE1970-H-H

Overview

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

Valid cases: 0
Invalid: 0

Universe

Private households except emergency shelters

Literal question

5. Dwelling is equipped with

a) Bath or shower:

- ☐ Own bath or shower
- ☐ Shared with other dwellings
- ☐ No bath nor shower

b) Hot water through:

- ☐ Central service
- ☐ Electrical boiler
- ☐ Gas fired boiler
- ☐ Wood fired boiler
- ☐ No hot water

c) Flushing toilet:

- ☐ Yes
- ☐ No

d) Heating:

- ☐ Distance heating
- ☐ Central heating in house
- ☐ Central heating on floor
- ☐ Separate stoves
- ☐ No heating

e) Heated by:

- ☐ Wood
- ☐ Coal
- ☐ Oil
- ☐ Electricity
- ☐ Gas

f) Appliances owned or provided by landlord:

Refrigerator:

- ☐ Yes
- ☐ No

Freezer:

- ☐ Yes
- ☐ No

Automatic washing machine:

- ☐ Yes
- ☐ No

[Notes to question 5]

- a) Baths or showers must have a tub or shower facility with running hot water supply. They do not have to be in separate rooms.
- b) A central hot water service provides several dwellings with hot water. Electrical instantaneous water heaters are counted as electrical boilers. Gas fired boilers include all gas fired hot water heaters.
- d) Distance heating are heating systems serving two or more buildings. Hot air heating in single family houses is counted as central house heating.
- f) Freezer compartments in refrigerators are not to be counted as freezers. An automatic washing machine has water heating and all functions performed automatically.

Energy used for heating (CH1970A_0100)

File: CHE1970-H-H

Overview

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

Valid cases: 0
Invalid: 0

Description

This variable identifies the energy used for heating in each dwelling that has heating and is not an emergency shelter.

Universe

Private households with heating except emergency shelters

Literal question

5. Dwelling is equipped with

a) Bath or shower:

- ☐ Own bath or shower
- ☐ Shared with other dwellings
- ☐ No bath nor shower

b) Hot water through:

- ☐ Central service
- ☐ Electrical boiler
- ☐ Gas fired boiler
- ☐ Wood fired boiler
- ☐ No hot water

c) Flushing toilet:

- ☐ Yes
- ☐ No

d) Heating:

- ☐ Distance heating
- ☐ Central heating in house
- ☐ Central heating on floor
- ☐ Separate stoves
- ☐ No heating

e) Heated by:

- ☐ Wood
- ☐ Coal
- ☐ Oil
- ☐ Electricity
- ☐ Gas

f) Appliances owned or provided by landlord:

Refrigerator:

- ☐ Yes
- ☐ No

Freezer:

- ☐ Yes
- ☐ No

Automatic washing machine:

- ☐ Yes
- ☐ No

[Notes to question 5]

- a) Baths or showers must have a tub or shower facility with running hot water supply. They do not have to be in separate rooms.
- b) A central hot water service provides several dwellings with hot water. Electrical instantaneous water heaters are counted as electrical boilers. Gas fired boilers include all gas fired hot water heaters.
- d) Distance heating are heating systems serving two or more buildings. Hot air heating in single family houses is counted as central house heating.
- f) Freezer compartments in refrigerators are not to be counted as freezers. An automatic washing machine has water heating and all functions performed automatically.

Energy used for hot water (CH1970A_0101)

File: CHE1970-H-H

Overview

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

Valid cases: 0
Invalid: 0

Description

This variable identifies the energy used for hot water in each dwelling that has hot water and is not an emergency shelter.

Universe

Private households with hot water except emergency

Literal question

5. Dwelling is equipped with

a) Bath or shower:

- ☐ Own bath or shower
- ☐ Shared with other dwellings
- ☐ No bath nor shower

b) Hot water through:

- ☐ Central service
- ☐ Electrical boiler
- ☐ Gas fired boiler
- ☐ Wood fired boiler
- ☐ No hot water

c) Flushing toilet:

- ☐ Yes
- ☐ No

d) Heating:

- ☐ Distance heating
- ☐ Central heating in house
- ☐ Central heating on floor
- ☐ Separate stoves
- ☐ No heating

e) Heated by:

- ☐ Wood
- ☐ Coal
- ☐ Oil
- ☐ Electricity
- ☐ Gas

f) Appliances owned or provided by landlord:

Refrigerator:

- ☐ Yes
- ☐ No

Freezer:

- ☐ Yes
- ☐ No

Automatic washing machine:

- ☐ Yes
- ☐ No

[Notes to question 5]

- a) Baths or showers must have a tub or shower facility with running hot water supply. They do not have to be in separate rooms.
- b) A central hot water service provides several dwellings with hot water. Electrical instantaneous water heaters are counted as electrical boilers. Gas fired boilers include all gas fired hot water heaters.
- d) Distance heating are heating systems serving two or more buildings. Hot air heating in single family houses is counted as central house heating.
- f) Freezer compartments in refrigerators are not to be counted as freezers. An automatic washing machine has water heating and all functions performed automatically.

Number of rooms (CH1970A_0106)

File: CHE1970-H-H

Overview

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

Valid cases: 0
Invalid: 0

Description

This variable identifies the number of rooms in each dwelling that is not an emergency shelter, a collective household, or an institution.

Universe

Private households except emergency shelters

Literal question

4. Number of rooms in dwelling (including those rented out):

- a) Rooms (living-, working-, bed-rooms, without kitchen, bath, hall, veranda): ____
- b) Hall-cum-living-room: ____
- c) Other rooms belonging to dwelling (attic rooms, rooms in basement or neighboring houses): ____
- d) Rooms rented additionally: ____
- e) Number of rooms in a) to d) rented out:

(1) To lodgers: ____

(2) To other persons, businesses: ____

[Notes to question 4]

a) Half sized rooms are to be counted as such.

b) Hall-cum-living-rooms are finished dining or work spaces in halls which receive sunlight through a window.

Interviewer instructions

Question 4:

Rooms in dwellings are all rooms which can be occupied, regardless of whether they are used as living, bed or office rooms. Thus included are also rooms used partially or fully for commercial purposes such as offices for tailors, physicians etc as long as they are contained within the dwelling. Not counted as rooms are kitchens, baths, toilets, hallways, verandas, balconies, basement storage rooms, storage rooms, workshops.

Number of connected rooms (CH1970A_0107)

File: CHE1970-H-H

Overview

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

Valid cases: 0
Invalid: 0

Description

This variable identifies the number of connected rooms in each dwelling that is not an emergency shelter, a collective dwelling, or an institution.

Universe

Private households except emergency shelters

Literal question

4. Number of rooms in dwelling (including those rented out):

a) Rooms (living-, working-, bed-rooms, without kitchen, bath, hall, veranda): ____

b) Hall-cum-living-room: ____

c) Other rooms belonging to dwelling (attic rooms, rooms in basement or neighboring houses): ____

d) Rooms rented additionally: ____

e) Number of rooms in a) to d) rented out:

(1) To lodgers: ____

(2) To other persons, businesses: ____

[Notes to question 4]

a) Half sized rooms are to be counted as such.

b) Hall-cum-living-rooms are finished dining or work spaces in halls which receive sunlight through a window.

Interviewer instructions

Question 4:

Rooms in dwellings are all rooms which can be occupied, regardless of whether they are used as living, bed or office rooms. Thus included are also rooms used partially or fully for commercial purposes such as offices for tailors, physicians etc as long as they are contained within the dwelling. Not counted as rooms are kitchens, baths, toilets, hallways, verandas, balconies, basement storage rooms, storage rooms, workshops.

Kitchen or kitchenette (CH1970A_0109)

File: CHE1970-H-H

Overview

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

Valid cases: 0
Invalid: 0

Description

This variable identifies the presence of a kitchen or kitchenette, in all dwellings that are not emergency shelters, collective households, or institutions.

Universe

Private households except emergency shelters

Literal question

3. Kitchen, kitchenette

a) Does the dwelling have?

- ☐ Own kitchen
- ☐ Own kitchenette
- ☐ Shared kitchen with other dwellings
- ☐ No kitchen

b) How does the kitchen stove works?

- ☐ Wood
- ☐ Coal
- ☐ Electrical
- ☐ Gas
- ☐ Other

[Notes to question 3]

a) The kitchen must have at least 4 square meters. Spaces below that used for cooking and dishwashing are regarded as kitchenettes. A shared kitchen must be shared with at least one other household.

b) The question applies also to stoves not provided by the landlord.

Interviewer instructions

Question 3: Kitchen

Is a kitchen used also as living or bed room, it is still to be counted as kitchen.

Occupancy status of dwelling (CH1970A_0110)

File: CHE1970-H-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

This variable describes the ownership status of the dwelling, for all dwellings that are not emergency shelters, collective dwellings, or institutions.

Universe

Private households except emergency shelters

Literal question

2. Ownership status: do you occupy this dwelling as?

- ☐ House owner
- ☐ Condominium owner
- ☐ Other co-owner of house
- ☐ Lessee
- ☐ Tenant
- ☐ Member of a co-operative
- ☐ Company dwelling
- ☐ Free dwelling

[Notes to question 2]

Member of a co-operative are members of a building co-op who at the same time occupy a dwelling therein.

Company dwellings are provided by employers to employees according to an employment contract.

Free dwellings are dwellings provided for free by other than employers (e.g. relatives).

Interviewer instructions

Question 2: Ownership

A dwelling rented voluntary from an employer is a rented dwelling, not a dwelling provided by the employer.

Net rent (in Swiss Francs) (CH1970A_0111)

File: CHE1970-H-H

Overview

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

Valid cases: 0
Invalid: 0

Description

This variable identifies the net rent (in Swiss Francs) paid for the dwelling.

Universe

Dwellings occupied by tenants or cooperatives

Literal question

6. Amount of rent (only for dwellings or single family homes which are rented unfurnished and or not connected with a commercial or agricultural firm):

Rent only (i.e. without costs for heating, hot water, garage)

In Fr.: ____

Inclusive rent (if the above costs cannot be separated)

In Fr.: ____

Paid:

- ☐ Monthly
- ☐ Quarterly
- ☐ Semi-annually
- ☐ Annually

If inclusive rent, which costs are included:

- ☐ Heating
- ☐ Hot water
- ☐ Garage

[Notes to question 6]

Only one type of paying rent should be chosen. Members of co-operatives do not deduct rebates; share certificate payments are not part of the rent.

Strata (CH1970A_0112)

File: CHE1970-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: CHE1970-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.

Switzerland, Canton 1970 - 2000 [Level 1; consistent boundaries, GIS] (GEO1_CH)

File: CHE1970-H-H

Overview

Type: Discrete
 Format: numeric
 Width: 6
 Decimals: 0
 Range: 756001-756026

Valid cases: 0
 Invalid: 0

Description

GEO1_CH identifies the household's canton within Switzerland in all sample years. Cantons are the first level administrative units of the country. GEO1_CH is spatially harmonized to account for political boundary changes across census years. Some detail is lost in harmonization. A GIS map (in shapefile format), corresponding to GEO1_CH can be downloaded from the GIS Boundary files page in the IPUMS International web site.

The full set of geography variables for Switzerland 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.

Switzerland, Canton 1970 [Level 1, GIS] (GEO1_CH1970)

File: CHE1970-H-H

Overview

Type: Discrete
 Format: numeric
 Width: 3
 Decimals: 0
 Range: 1-26

Valid cases: 0
 Invalid: 0

Description

GEO1_CH1970 identifies the household's canton within Switzerland in 1970. Cantons are the first level administrative units of the country. A GIS map (in shapefile format), corresponding to GEO1_CH1970 can be downloaded from the GIS Boundary files page in the IPUMS International web site.

The full set of geography variables for Switzerland 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: CHE1970-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: CHE1970-H-H

Overview

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

Valid cases: 0
 Invalid: 0

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: CHE1970-H-H

Overview

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

Valid cases: 0
 Invalid: 0

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: CHE1970-H-H

Overview

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

Valid cases: 0
 Invalid: 0

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).

Year structure was built (BUILTYR)

File: CHE1970-H-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

BUILTYR indicates the year in which construction was completed on the building in which the household resides.

Age of structure, coded from intervals (AGESTRUCT2)

File: CHE1970-H-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

AGESTRUCT2 gives the estimated age of the structure.

Ownership of dwelling [general version] (OWNERSHIP)

File: CHE1970-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: CHE1970-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.

Fuel for heating (FUELHEAT)

File: CHE1970-H-H

Overview

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

Valid cases: 0
Invalid: 0

Description

FUELHEAT indicates the main fuel source for heating the household.

Hot water heater (HOTWATER)

File: CHE1970-H-H

Overview

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

Valid cases: 0
Invalid: 0

Description

HOTWATER indicates whether the housing unit had a water heater.

Strata identifier (STRATA)

File: CHE1970-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.

Probable stepmother (STEPMOM)

File: CHE1970-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.

Man with more than one wife linked (POLYMAL)

File: CHE1970-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.

Spouse's location in household (SPLOC)

File: CHE1970-P-H

Overview

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

Valid cases: 0
Invalid: 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: CHE1970-P-H

Overview

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

Valid cases: 0
Invalid: 0

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.

Father's location in household (POPLOC)

File: CHE1970-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.

Woman is second or higher order wife (POLY2ND)

File: CHE1970-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: CHE1970-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: CHE1970-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: CHE1970-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: CHE1970-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: CHE1970-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: CHE1970-P-H

Overview

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

Valid cases: 0
Invalid: 0

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.

Probable stepfather (STEPPOP)

File: CHE1970-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 STEPPOP 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 STEPPOP 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, STEPPOP will always under-represent their actual number in the population.

Rule for linking spouse (SPRULE)

File: CHE1970-P-H

Overview

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

Valid cases: 0
Invalid: 0

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.

Mother's location in household (MOMLOC)

File: CHE1970-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.

Sex (SEX)

File: CHE1970-P-H

Overview

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

Description

SEX reports the sex (gender) of the respondent.

Relationship to household head [general version] (RELATE)

File: CHE1970-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: CHE1970-P-H

Overview

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

Description

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

Age (AGE)

File: CHE1970-P-H

Overview

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

Description

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

Marital status [general version] (MARST)

File: CHE1970-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: CHE1970-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.

MARSTD 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.

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

File: CHE1970-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: CHE1970-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".

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

File: CHE1970-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: CHE1970-P-H

Overview

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

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.

Person number (PERNUM)

File: CHE1970-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.

Age, grouped into intervals (AGE2)

File: CHE1970-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.

Region of birth, Europe, NUTS1 (EBPLNT1)

File: CHE1970-P-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

EBPLNT1 indicates the NUTS1 region in which the person was born. The Nomenclature of Territorial Units for Statistics (NUTS) is a standard administrative division of the European Union, and was developed by the EU. The European Free Trade Association extends the NUTS system to several additional countries outside of the EU, and they are also incorporated into this variable. NUTS1 identifies the largest territorial units within countries.

EBPLNT1 only identifies regions within the person's country of residence; it does not identify birthplaces of international migrants.

The code labels include the standard code for the NUTS1 system and the name of the NUTS1 region, separated by a slash.

Citizenship (CITIZEN)

File: CHE1970-P-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

CITIZEN indicates the person's citizenship status within the country in which they were enumerated.

Country of citizenship (NATION)

File: CHE1970-P-H

Overview

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

Description

NATION indicates the person's country of citizenship.

Full-time or part-time work (HRSFULL)

File: CHE1970-P-H

Overview

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

Description

HRSFULL indicates whether the respondent worked full-time or part-time.

Means of transportation to work or school (TRNWRK)

File: CHE1970-P-H

Overview

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

Description

TRNWRK identifies the primary or usual means of transportation the person took either to work or school.

In censuses in which a person could report multiple modes of transportation, TRNWRK reports only the first method reported.

Occupation, unrecoded (OCC)

File: CHE1970-P-H

Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 4	
Decimals: 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: CHE1970-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.

Educational attainment, Switzerland (EDUCCH)

File: CHE1970-P-H

Overview

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

Valid cases: 0
Invalid: 0

Description

EDUCCH indicates the person's educational attainment in terms of the level of schooling completed.

Occupation, ISCO general (OCCISCO)

File: CHE1970-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.

Marital status, Europe (EMARST)

File: CHE1970-P-H

Overview

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

Valid cases: 0
Invalid: 0

Description

EMARST describes for the European samples the person's current marital status according to law or custom. Individuals who remarried should report the status relevant to their most recent marriage. European census instructions generally limit marital status to legal unions, but there are exceptions.

EMARST has been classified according to the recommendations given by the Conference of European Statisticians for the 2010 Population and Housing Censuses.

Industry, unrecoded (IND)

File: CHE1970-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.

Relationship to head, Europe (ERELATE)

File: CHE1970-P-H

Overview

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

Valid cases: 0
Invalid: 0

Description

ERELATE describes for the European samples the relationship of the individual to the head of household -- sometimes called the householder or reference person.

ERELATE has been classified according to the recommendations of the Conference of European Statisticians for the 2010 Population and Housing Censuses.

Occupation, ISCO-1988, 3-digit (ISCO88A)

File: CHE1970-P-H

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 10-999

Valid cases: 0
Invalid: 0

Description

ISCO88A provides the 3-digit occupation code for the respondent using the ISCO-1988 occupation classification.

Person number (within household) (CH1970A_0003)

File: CHE1970-P-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

This variable indicates the person number within the household.

Universe

All persons

Literal question

Person number (within household)

Labour force status (CH1970A_0400)

File: CHE1970-P-H

Overview

Type: Discrete
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 11-99

Valid cases: 0
 Invalid: 0

Description

This variable identifies the labor force status of the person.

Universe

Persons age 15+

Literal question

C. Questions to persons age 13 and over
 [Applies to question 19]

Interviewer instructions

Question 19: Present occupation, livelihood

Farmer wives and other adult persons, who work on the farm in addition to their housework, should enter "housewife" as well as "full time or part time employed". In question 20 they should enter only the time which they spend normally at farm work.

Persons age 16 and over who are dependent on their relatives, as long as they are not un-employed, housewives or students, mark the field "other sources of livelihood".

Other sources of livelihood are also alimony, scholarships, support payments, etc.

Country of citizenship (CH1970A_0401)

File: CHE1970-P-H

Overview

Type: Discrete
 Format: numeric
 Width: 4
 Decimals: 0
 Range: 0-9998

Valid cases: 0
 Invalid: 0

Description

This variable identifies the country of citizenship of the person.

Universe

All persons

Literal question

A. Questions to all persons
[Applies to questions 1-15]

8. Nationality (Swiss/foreign dual nationalities should only indicate their Swiss citizenship):

- ☐ Swiss
☐ Foreigner (foreigners specify their nationality in question 27)

For Swiss nationals (citizens of more than one municipality should list the most recent acquired one):

____ Citizen of which municipality
 ____ Canton (abbreviation)

F. Questions to foreigners
[Applies to questions 27-28]

27. Foreigners with valid passport or home certificate: citizenship

Without papers, stateless, refugees: last citizenship.

Interviewer instructions

Question 8: Place of home residence (home town) Heimat

Women married to a Swiss enter the same place as their husbands.

Women married to a foreigner and their children who have Swiss citizenship, enter the Swiss place of residence.

Widowed or divorced women enter the place of home residence of their last marriage if they did not revert back to their former home place.

Communities in one canton with the same name should be described precisely, e.g. Oetwil on the Lake, Oetwil at the Limmat.

Question 27: Citizenship of foreigners

Foreigners with several citizenships should enter the country of the last obtained citizenship. Foreigners who have no papers and are also unable to obtain such, or who cannot get protection from the diplomatic office of their home country, enter persons without papers, without citizenship or refugee.

Place of residence 5 years prior to the census (CH1970A_0402)

File: CHE1970-P-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

This variable identifies the place of residence of the person 5 years ago.

Universe

Persons age 5+

Literal question

A. Questions to all persons
[Applies to questions 1-15]

10. Residence 5 years ago (1.12.1965) (children under 5 years of age not to be considered):

[] Municipality of current residency
[] Other municipality

___ Indicate which municipality
___ Canton or State (abbreviation)

Interviewer instructions

Questions 10 and 11: Former places of residence

Place of birth (CH1970A_0403)

File: CHE1970-P-H

Overview

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

Valid cases: 0
Invalid: 0

Description

This variable identifies the place of birth of the person.

Universe

All persons

Literal question

A. Questions to all persons
[Applies to questions 1-15]

9. Place of birth (persons born in a hospital indicate the parents' or mother's residence at that time):

[] Municipality of current residency
[] Other municipality

___ Indicate which municipality
___ Canton or State (abbreviation)

Interviewer instructions

Question 9: Place of birth
If the place of birth was in a foreign country, the name of the current country should be written in.

Citizenship (CH1970A_0404)

File: CHE1970-P-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

This variable identifies if the person is a Swiss citizen or a foreigner.

Universe

All persons

Literal question

A. Questions to all persons
 [Applies to questions 1-15]

8. Nationality (Swiss/foreign dual nationalities should only indicate their Swiss citizenship):

- ☐ Swiss
☐ Foreigner (foreigners specify their nationality in question 27)

For Swiss nationals (citizens of more than one municipality should list the most recent acquired one):

___ Citizen of which municipality
 ___ Canton (abbreviation)

Interviewer instructions

Question 8: Place of home residence (home town) Heimat

Women married to a Swiss enter the same place as their husbands.

Women married to a foreigner and their children who have Swiss citizenship, enter the Swiss place of residence.

Widowed or divorced women enter the place of home residence of their last marriage if they did not revert back to their former home place.

Communities in one canton with the same name should be described precisely, e.g. Oetwil on the Lake, Oetwil at the Limmat.

Location of workplace (CH1970A_0405)

File: CHE1970-P-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

This variable identifies whether the location of the person's workplace is the same as their place of residence.

Universe

Employed persons

Literal question

A. Questions to all persons
[Applies to questions 1-15]

E. Questions to employed, school children and students
[Applies to questions 23-26]

23. Where do you work? (full or part time; drivers, railway employees construction workers indicate the place from where they start their work; commercial travelers write 'traveling'). Where do you attend to school?

_____ Exact address
_____ Municipality
_____ Canton or state

Interviewer instructions

Question 23: Place of work, school
Similar to questions 8

Those changing their place of work frequently but returning home daily (e.g. construction worker), should enter their place of work on December 1.

Location of place of education (CH1970A_0406)

File: CHE1970-P-H

Overview

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

Valid cases: 0
Invalid: 0

Description

This variable identifies whether the person's place of education is the same as their place of residence.

Universe

Persons who attend school and not work

Literal question

A. Questions to all persons
[Applies to questions 1-15]

E. Questions to employed, school children and students
[Applies to questions 23-26]

23. Where do you work? (full or part time; drivers, railway employees construction workers indicate the place from where they start their work; commercial travelers write 'traveling'). Where do you attend to school?

_____ Exact address
_____ Municipality
_____ Canton or state

Interviewer instructions

Question 23: Place of work, school
Similar to questions 8

Those changing their place of work frequently but returning home daily (e.g. construction worker), should enter their place of work on December 1.

Age (CH1970A_0407)

File: CHE1970-P-H

Overview

Type: Discrete
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 0-95

Valid cases: 0
 Invalid: 0

Description

This variable identifies the age of the person.

Universe

All persons

Literal question

A. Questions to all persons
 [Applies to questions 1-15]

2. Date of birth:

___ Day
 ___ Month
 ___ Year

Sex (CH1970A_0408)

File: CHE1970-P-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

This variable identifies the sex of the person.

Universe

All persons

Literal question

A. Questions to all persons
 [Applies to questions 1-15]

3. Sex:

[] Male
 [] Female

Marital status (CH1970A_0409)

File: CHE1970-P-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

This variable identifies the marital status of the person.

Universe

All persons

Literal question

A. Questions to all persons
 [Applies to questions 1-15]

4. Marital status:

- ☐ Single
- ☐ Married, including separated
- ☐ Widowed
- ☐ Divorced

Interviewer instructions

Question 4: Marital status
 Legally separated is to be marked as married

Religion (CH1970A_0410)

File: CHE1970-P-H

Overview

Type: Discrete
 Format: numeric
 Width: 3
 Decimals: 0
 Range: 0-500

Valid cases: 0
 Invalid: 0

Description

This variable identifies the religion of the person.

Universe

All persons

Literal question

A. Questions to all persons
 [Applies to questions 1-15]

7. Religion:

- ☐ Protestant
- ☐ Roman Catholic
- ☐ Others i.e.:

Interviewer instructions

Question 7: Religion
 Old-catholic write in their answer. This is true of other members of other religious groups (e.g. Methodists, New Apostolic, Baptists, Mormons, Jehovah Witness). Persons who do not belong to a church will write in "without religion" or a hyphen.

Mother tongue (CH1970A_0411)

File: CHE1970-P-H

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 110-300

Valid cases: 0
Invalid: 0

Description

This variable identifies the mother tongue of the person.

Universe

All persons

Literal question

A. Questions to all persons
[Applies to questions 1-15]

6. Mother tongue (language in which you think and that you know best):

- ☐ German
- ☐ French
- ☐ Italian
- ☐ Rhaeto-Romanic
- ☐ Others i.e.:

Interviewer instructions

Question 6: Mother tongue
For children who cannot speak yet, the mother tongue of the mother should be entered.

Reference person or spouse (CH1970A_0412)

File: CHE1970-P-H

Overview

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

Valid cases: 0
Invalid: 0

Description

This variable identifies the reference person in the household.

Universe

All persons

Literal question

A. Questions to all persons
[Applies to questions 1-15]

Household status (relationship) (CH1970A_0413)

File: CHE1970-P-H

Overview

Type: Discrete
 Format: numeric
 Width: 1
 Decimals: 0
 Range: 1-8

Valid cases: 0
 Invalid: 0

Description

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

Universe

All persons

Literal question

A. Questions to all persons
 [Applies to questions 1-15]

5. Position in the household:

- ☐ Head of household
- ☐ Spouse of head
- ☐ Son or daughter of head
- ☐ Others (e.g. mother, son-in-law, grand child, domestic help, lodger etc.):

Interviewer instructions

Question 5: Position in household

Where several families form one household, the correct relationship to the head of household needs to be given.

If the father is the head of household then the wife of his son must enter daughter-in-law and not wife

If the son is the head-of-household, then she enters wife. If the husband is the head-of-household, then his wife should mark the field "spouse of head of household" and not write in "mother".

Adopted or step children of the head of household are marked as "son/daughter".

For foster children, "foster children" should be written in.

Profession studied, highest qualification obtained (CH1970A_0414)

File: CHE1970-P-H

Overview

Type: Discrete
 Format: numeric
 Width: 5
 Decimals: 0
 Range: 11101-99999

Valid cases: 0
 Invalid: 0

Description

This variable identifies the profession for which the person studied and the highest qualification was obtained.

Universe

Persons age 15+

Literal question

A. Questions to all persons
[Applies to questions 1-15]

14. Learned or acquired professions, completed studies (please be specific):

a) First profession learned:

Duration:

- ☐ Less than 1 year
- ☐ 1 to less than 2 years
- ☐ 2 to less than 3 years
- ☐ 3 years or longer

b) Profession learned later on:

Duration:

- ☐ Less than 1 year
- ☐ 1 to less than 2 years
- ☐ 2 to less than 3 years
- ☐ 3 years or longer

15. Acquired certificates and diplomas, academic titles:

Interviewer instructions

Question 14: Education

These questions should be also answered by non-working persons and housewives. The profession acquired after the obligatory school should be entered. The question on a later acquired profession (university) applies to persons who, in addition to a first profession, acquired a second profession. Also, persons who first learned a trade and then went to university should enter both levels of education.

Present occupation (CH1970A_0415)

File: CHE1970-P-H

Overview

Type: Discrete
Format: numeric
Width: 5
Decimals: 0
Range: 11101-99999

Valid cases: 0
Invalid: 0

Description

This variable identifies the present occupation of the person.

Universe

Employed persons

Literal question

D. Questions to persons who carry out a profession
[Applies to questions 20-22]

21. Main profession or part time activity:

[Unemployed persons indicate in question 21a and 21b their last employment]

a) What is your present activity (please specify, possibly in note form, e.g. not just factory worker, but e.g. metal polisher, leather preparer; not just "employee" but e.g. punch card operator, general office work):

b) Occupational status, hierarchical grade (unskilled worker, apprentice, foreman, skilled worker, home worker, chief clerk, office manager, tenant farmer, business owner, family member employed in family business, etc.):

c) Name of employer, firm (persons who work for several employers, e.g. home workers, cleaners, should write 'several' only):

d) Branch, line of business (please specify as accurately as possible, e.g. not just "furniture" but "furniture factory" or "furniture dealer"):

Interviewer instructions

Question 21: Principal or part time occupation

a) Which occupation do you have presently?

It should be noted that the current practiced occupation is requested not the profession learned. This question should be answered as precisely as possible. General entries are to be avoided. Housewives and house daughters who work predominantly as such should enter housewives or housework.

[p. 25]

b) Present occupation, level

Persons who work all or most of the time in a family enterprise are working family members. Home workers are persons who work in their dwelling or another self-selected place for wages for one or more employer. Other possibilities are co-owner, director, master, journey man, and apprentice. Public servants give their position title.

c) Name of employer, company

Public servants enter the name of their office.

d) Branch of economy, industry

The branch of economy should be specific, such as cotton spinning, hosiery knitting, grocery store, etc. Female employees in agriculture should state whether they work predominantly in the household or in agricultural duties.

Present occupation (ISCO) (CH1970A_0416)

File: CHE1970-P-H

Overview

Type: Discrete
 Format: numeric
 Width: 4
 Decimals: 0
 Range: 100-9999

Valid cases: 0
 Invalid: 0

Description

This variable identifies the present occupation of the person.

Universe

Employed persons

Literal question

D. Questions to persons who carry out a profession
 [Applies to questions 20-22]

21. Main profession or part time activity:

[Unemployed persons indicate in question 21a and 21b their last employment]

a) What is your present activity (please specify, possibly in note form, e.g. not just factory worker, but e.g. metal polisher, leather preparer; not just "employee" but e.g. punch card operator, general office work):

b) Occupational status, hierarchical grade (unskilled worker, apprentice, foreman, skilled worker, home worker, chief clerk, office manager, tenant farmer, business owner, family member employed in family business, etc.):

c) Name of employer, firm (persons who work for several employers, e.g. home workers, cleaners, should write 'several' only):

d) Branch, line of business (please specify as accurately as possible, e.g. not just "furniture" but "furniture factory" or "furniture dealer"):

Interviewer instructions

Question 21: Principal or part time occupation

a) Which occupation do you have presently?

It should be noted that the current practiced occupation is requested not the profession learned. This question should be answered as precisely as possible. General entries are to be avoided. Housewives and house daughters who work predominantly as such should enter housewives or housework.

[p. 25]

b) Present occupation, level

Persons who work all or most of the time in a family enterprise are working family members. Home workers are persons who work in their dwelling or another self-selected place for wages for one or more employer. Other possibilities are co-owner, director, master, journey man, and apprentice. Public servants give their position title.

c) Name of employer, company

Public servants enter the name of their office.

d) Branch of economy, industry

The branch of economy should be specific, such as cotton spinning, hosiery knitting, grocery store, etc. Female employees in agriculture should state whether they work predominantly in the household or in agricultural duties.

Present occupation (ISCO 3 digit) (CH1970A_0417)

File: CHE1970-P-H

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 10-999

Valid cases: 0
Invalid: 0

Description

This variable identifies the present occupation of the person.

Universe

Employed persons

Literal question

D. Questions to persons who carry out a profession
[Applies to questions 20-22]

21. Main profession or part time activity:

[Unemployed persons indicate in question 21a and 21b their last employment]

a) What is your present activity (please specify, possibly in note form, e.g. not just factory worker, but e.g. metal polisher, leather preparer; not just "employee" but e.g. punch card operator, general office work):

b) Occupational status, hierarchical grade (unskilled worker, apprentice, foreman, skilled worker, home worker, chief clerk, office manager, tenant farmer, business owner, family member employed in family business, etc.):

c) Name of employer, firm (persons who work for several employers, e.g. home workers, cleaners, should write 'several' only):

d) Branch, line of business (please specify as accurately as possible, e.g. not just "furniture" but "furniture factory" or "furniture dealer"):

Interviewer instructions

Question 21: Principal or part time occupation

a) Which occupation do you have presently?

It should be noted that the current practiced occupation is requested not the profession learned. This question should be answered as precisely as possible. General entries are to be avoided. Housewives and house daughters who work predominantly as such should enter housewives or housework.

[p. 25]

b) Present occupation, level

Persons who work all or most of the time in a family enterprise are working family members. Home workers are persons who work in their dwelling or another self-selected place for wages for one or more employer. Other possibilities are co-owner, director, master, journey man, and apprentice. Public servants give their position title.

c) Name of employer, company

Public servants enter the name of their office.

d) Branch of economy, industry

The branch of economy should be specific, such as cotton spinning, hosiery knitting, grocery store, etc. Female employees in agriculture should state whether they work predominantly in the household or in agricultural duties.

Position in principal employment (CH1970A_0418)

File: CHE1970-P-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

This variable identifies the person's class of worker.

Universe

Employed persons

Literal question

D. Questions to persons who carry out a profession
 [Applies to questions 20-22]

21. Main profession or part time activity:

[Unemployed persons indicate in question 21a and 21b their last employment]

a) What is your present activity (please specify, possibly in note form, e.g. not just factory worker, but e.g. metal polisher, leather preparer; not just "employee" but e.g. punch card operator, general office work):

b) Occupational status, hierarchical grade (unskilled worker, apprentice, foreman, skilled worker, home worker, chief clerk, office manager, tenant farmer, business owner, family member employed in family business, etc.):

c) Name of employer, firm (persons who work for several employers, e.g. home workers, cleaners, should write 'several' only):

d) Branch, line of business (please specify as accurately as possible, e.g. not just "furniture" but "furniture factory" or "furniture dealer"):

Interviewer instructions

Question 21: Principal or part time occupation

a) Which occupation do you have presently?

It should be noted that the current practiced occupation is requested not the profession learned. This question should be answered as precisely as possible. General entries are to be avoided. Housewives and house daughters who work predominantly as such should enter housewives or housework.

[p. 25]

b) Present occupation, level

Persons who work all or most of the time in a family enterprise are working family members. Home workers are persons who work in their dwelling or another self-selected place for wages for one or more employer. Other possibilities are co-owner, director, master, journey man, and apprentice. Public servants give their position title.

c) Name of employer, company

Public servants enter the name of their office.

d) Branch of economy, industry

The branch of economy should be specific, such as cotton spinning, hosiery knitting, grocery store, etc. Female employees in agriculture should state whether they work predominantly in the household or in agricultural duties.

Time worked (hours) (CH1970A_0419)

File: CHE1970-P-H

Overview

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

Valid cases: 0
Invalid: 0

Description

This variable identifies the usual number of hours per week the person worked.

Universe

Employed persons

Literal question

D. Questions to persons who carry out a profession
[Applies to questions 20-22]

20. How many hours do you work usually a week (not including house work):

[Persons with an additional occupation in agriculture or another branch need also to answer question 20]

a) In main profession or part time activity:

- ☐ Under 6 hours
- ☐ 6 to 19 hours
- ☐ 20 to 39 hours
- ☐ 40 hours or more

b) In additional occupation:

- ☐ Under 6 hours
- ☐ 6 to 19 hours
- ☐ 20 to 39 hours
- ☐ 40 hours or more

Interviewer instructions

Question 19: Present occupation, livelihood

Farmer wives and other adult persons, who work on the farm in addition to their housework, should enter "housewife" as well as "full time or part time employed". In question 20 they should enter only the time which they spend normally at farm work.

Persons age 16 and over who are dependent on their relatives, as long as they are not un-employed, housewives or students, mark the field "other sources of livelihood".

Other sources of livelihood are also alimony, scholarships, support payments, etc.

Branch of economic activity (industry) (CH1970A_0420)

File: CHE1970-P-H

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 10-999

Valid cases: 0
Invalid: 0

Description

This variable identifies the industry in which the person works.

Universe

Employed persons

Literal question

D. Questions to persons who carry out a profession
[Applies to questions 20-22]

21. Main profession or part time activity:

[Unemployed persons indicate in question 21a and 21b their last employment]

a) What is your present activity (please specify, possibly in note form, e.g. not just factory worker, but e.g. metal polisher, leather preparer; not just "employee" but e.g. punch card operator, general office work):

b) Occupational status, hierarchical grade (unskilled worker, apprentice, foreman, skilled worker, home worker, chief clerk, office manager, tenant farmer, business owner, family member employed in family business, etc.):

c) Name of employer, firm (persons who work for several employers, e.g. home workers, cleaners, should write 'several' only):

d) Branch, line of business (please specify as accurately as possible, e.g. not just "furniture" but "furniture factory" or "furniture dealer"):

Interviewer instructions

Question 21: Principal or part time occupation

a) Which occupation do you have presently?

It should be noted that the current practiced occupation is requested not the profession learned. This question should be answered as precisely as possible. General entries are to be avoided. Housewives and house daughters who work predominantly as such should enter housewives or housework.

[p. 25]

b) Present occupation, level

Persons who work all or most of the time in a family enterprise are working family members. Home workers are persons who work in their dwelling or another self-selected place for wages for one or more employer. Other possibilities are co-owner, director, master, journey man, and apprentice. Public servants give their position title.

c) Name of employer, company

Public servants enter the name of their office.

d) Branch of economy, industry

The branch of economy should be specific, such as cotton spinning, hosiery knitting, grocery store, etc. Female employees in agriculture should state whether they work predominantly in the household or in agricultural duties.

Judicial form of the enterprise (CH1970A_0421)

File: CHE1970-P-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

This variable identifies the judicial form of the enterprise the person.

Universe

Employed persons

Literal question

D. Questions to persons who carry out a profession
 [Applies to questions 20-22]

Time to commute (travel duration) to work (CH1970A_0423)

File: CHE1970-P-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

This variable identifies the length of time the person spends commuting to work.

Universe

Employed persons

Literal question

E. Questions to employed, school children and students
 [Applies to questions 23-26]

24. Duration of one way commute to work or to school:

- ☐ Place or work or location of school is on the same property
- ☐ Up to 15 minutes
- ☐ Over 15 to 30 minutes
- ☐ 30 to 60 minutes
- ☐ Over 1 hour

Interviewer instructions

Question 24: Duration of commuting

The time measured is from leaving home to arriving at the place of work. For persons working and attending school half days, the commute to work is to be entered. For persons returning home only on weekends, the commute from their place of accommodation to their place of work is to be entered.

Round trips (how often) to commute to work (CH1970A_0424)

File: CHE1970-P-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

This variable identifies the frequency of round trips the person makes to and from work.

Universe

Employed persons

Literal question

E. Questions to employed, school children and students
[Applies to questions 23-26]

25. Do you usually make the commute between your residence and place of work/school once or twice daily (journey there and back together -- once):

☐ Once

☐ Twice

Interviewer instructions

Question 25: Frequency of commuting
Persons commuting more than twice per day, mark "twice"

Means of transport (travel mode) to work (CH1970A_0425)

File: CHE1970-P-H

Overview

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

Valid cases: 0
Invalid: 0

Description

This variable identifies the mode of transport to work of the person.

Universe

Employed persons

Literal question

E. Questions to employed, school children and students
[Applies to questions 23-26]

26. Most important means of transportation:

If several, indicate the one which is used for the longest distance.

☐ On foot

☐ Train

☐ Streetcar or bus

☐ Vehicle of employer (e.g. bus)

☐ Private car

☐ Motorcycle/scooter

☐ Bicycle/moped

☐ Other (e.g. funicular, ship)

Time to commute (travel duration) to school (CH1970A_0426)

File: CHE1970-P-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

This variable identifies the duration of time the person uses to commute to school.

Universe

Persons who attend school and not work

Literal question

E. Questions to employed, school children and students
 [Applies to questions 23-26]

24. Duration of one way commute to work or to school:

- ☐ Place or work or location of school is on the same property
- ☐ Up to 15 minutes
- ☐ Over 15 to 30 minutes
- ☐ 30 to 60 minutes
- ☐ Over 1 hour

Interviewer instructions

Question 24: Duration of commuting

The time measured is from leaving home to arriving at the place of work. For persons working and attending school half days, the commute to work is to be entered. For persons returning home only on weekends, the commute from their place of accommodation to their place of work is to be entered.

Round trips (how often) to commute to school (CH1970A_0427)

File: CHE1970-P-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

This variable identifies the frequency of round trips the person commutes to and from school.

Universe

Persons who attend school and not work

Literal question

E. Questions to employed, school children and students
 [Applies to questions 23-26]

25. Do you usually make the commute between your residence and place of work/school once or twice daily (journey there and back together -- once):

- ☐ Once
- ☐ Twice

Interviewer instructions

Question 25: Frequency of commuting

Persons commuting more than twice per day, mark "twice"

Means of transport (travel mode) to school (CH1970A_0428)

File: CHE1970-P-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

This variable identifies the mode of transport the person used to commute to school.

Universe

Persons who attend school and not work

Literal question

E. Questions to employed, school children and students
 [Applies to questions 23-26]

26. Most important means of transportation:

If several, indicate the one which is used for the longest distance.

- ☐ On foot
- ☐ Train
- ☐ Streetcar or bus
- ☐ Vehicle of employer (e.g. bus)
- ☐ Private car
- ☐ Motorcycle/scooter
- ☐ Bicycle/moped
- ☐ Other (e.g. funicular, ship)

Highest level of educational attainment (original values)

(CH1970A_0429)

File: CHE1970-P-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

This variable identifies the highest level of educational attainment of the person. The codes are original values.

Universe

Persons age 15+

Literal question

A. Questions to all persons
[Applies to questions 1-15]

13. Completed stages of education (all completed school levels to be indicated):

- ☐ None
- ☐ Primary school
- ☐ Secondary or trade school
- ☐ Higher education school (see examples)
- ☐ School for general or language education
- ☐ Full time professional school (see examples)
- ☐ School for higher technical/professional training
- ☐ College/university

Examples:

Higher education schools: grammar school, teacher seminars, higher education schools for women.

Full time professional schools: schools for pharmacists, laboratory technicians, librarians, social workers, nurses, agriculture, but not mandatory apprenticeship schools.

Highest level of educational attainment (corrected values) (CH1970A_0430) File: CHE1970-P-H

Overview

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

Valid cases: 0
Invalid: 0

Description

This variable identifies the highest level of educational attainment of the person. The codes are corrected values.

Universe

Persons age 15+

Literal question

A. Questions to all persons
[Applies to questions 1-15]

13. Completed stages of education (all completed school levels to be indicated):

- ☐ None
- ☐ Primary school
- ☐ Secondary or trade school
- ☐ Higher education school (see examples)
- ☐ School for general or language education
- ☐ Full time professional school (see examples)
- ☐ School for higher technical/professional training
- ☐ College/university

Examples:

Higher education schools: grammar school, teacher seminars, higher education schools for women.

Full time professional schools: schools for pharmacists, laboratory technicians, librarians, social workers, nurses, agriculture, but not mandatory apprenticeship schools.

Person weight (PERWT)

File: CHE1970-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.

Migration status, 5 years (MIGRATE5)

File: CHE1970-P-H

Overview

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

Valid cases: 0
Invalid: 0

Description

MIGRATE5 indicates the person's place of residence 5 years ago. The first digit records movement across major administrative divisions and countries. The second digit reports movement across minor administrative divisions, for samples in which that detail is available.

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

File: CHE1970-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] (EDATTAIN)

File: CHE1970-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.

Religion [general version] (RELIGION)

File: CHE1970-P-H

Overview

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

Valid cases: 0
Invalid: 0

Description

RELIGION indicates the person's religion, including "none."

Religion [detailed version] (RELIGIOND)

File: CHE1970-P-H

Overview

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

Valid cases: 0
Invalid: 0

Description

RELIGION indicates the person's religion, including "none."

Educational attainment, Europe (EEDATTAIN)

File: CHE1970-P-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

EEDATTAIN records the person's educational attainment in terms of the level of schooling completed (degree or other milestone) for the European samples. 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. All education that was relevant to the completion of a level should be taken into account even if it was provided outside of schools and universities.

EEDATTAIN 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. EEDATTAIN 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 EEDATTAIN, a country-specific education classification is provided which loses no information and reflects the particular educational system of that country.

Hungary 1980 and 1990 also give single years of schooling completed, recorded in YRSCHOOL.

EEDATTAIN has been classified according to the recommendations of the Conference of European Statisticians for the 2010 Population and Housing Censuses. EEDATTAIN presents a less detailed version of EDATTAIN for the European Samples.

Activity status (employment status), Europe (EEMPSTAT)

File: CHE1970-P-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

EEMPSTAT indicates for the European samples 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, EEMPSTAT can also convey further information.

EEMPSTAT has been classified according to the recommendations given by the Conference of European Statisticians for the 2010 Population and Housing Censuses. "Employment Status" is referred to as "Activity Status" in the CES recommendations, but the former term is used to maintain consistency with IPUMS practices.

The economically active population constitutes the total labor force: employed and unemployed persons.

Status in employment (class of worker), Europe (ECLASSWK)

File: CHE1970-P-H

Overview

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

Valid cases: 0
 Invalid: 0

Description

ECLASSWK refers in European Samples 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.

ECLASSWK is related to EEMPSTAT (employment status), which is used to define the universe for the variable in many samples.

ECLASSWK has been classified according to the recommendations given by the Conference of European Statisticians for the 2010 Population and Housing Censuses. "Class of worker" is referred to as "Status in Employment" in the CES recommendations. The former term is used to maintain concordance with IPUMS practice.

Mother tongue, Switzerland (MTONGCH)

File: CHE1970-P-H

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-13	

Description

MTONGCH indicates the language the person knows best.

Nativity status (NATIVITY)

File: CHE1970-P-H

Overview

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

Description

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

Year [person version] (YEARP)

File: CHE1970-P-H

Overview

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	

Description

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

IPUMS sample identifier [person version] (SAMPLEP)

File: CHE1970-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: CHE1970-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: CHE1970-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: CHE1970-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

Census 1970 Household Questionnaire

Title Census 1970 Household Questionnaire
Author(s) Federal Statistical Office
Country Switzerland
Language German
Filename enum_form_ch1970a.pdf

Technical documents

Census 1970 Enumerator's Manual

Title Census 1970 Enumerator's Manual
Author(s) Federal Statistical Office
Country Switzerland
Language German
Filename enum_instruct_ch1970a.pdf
