

## Encoding Documentation for Norwegian Censuses 1865 to 1910

This code book first lists a summary of the variables which are explained in more detail below.

CODE BOOK SUMMARY	HOUSEHOLD RECORDS (H)			Used in what census year?			
				+ variable provided		- variable empty	
Variables	Field Name	Pos.	N digits	1865	1875	1900	1910
Record type (H)	RECORDTY	1	1	+	+	+	+
Municipality number	MUNICINR	2	4	+	+	+	+
Enumeration district number	ENUDISNR	6	4.2	+	+	+	+
Residence list number	RESLISNR	13	4.2	+	+	+	+
Apartment list number (Towns only)	APALISNR	20	3.2	-	-	+	+
Country code	COUNTRYC	26	4	+	+	+	+
Household number	HOUSEHNR	30	3	+	+	+	+
N persons	NPERSONS	33	3	+	+	+	+
Residence name	RESINAME	36	16	+	+	+	+
<b>Total number of positions</b>		<b>52</b>					

CODE BOOK SUMMARY	PERSON RECORDS (P)			Used in what census year?			
				+ variable provided		- variable empty	
Variables	Field Name	Pos.	N digits	1865	1875	1900	1910
Record type (P)	RECORDTY	1	1	+	+	+	+
Municipality number	MUNICINR	2	4	+	+	+	+
Enumeration district number	ENUDISNR	6	4.2	+	+	+	+
Residence list number	RESLISNR	13	4.2	+	+	+	+
Apartment list number (Towns only)	APALISNR	20	3.2	-	-	+	+
Person number	PERSONNR	26	3	+	+	+	+
Household number	HOUSEHNR	29	3	+	+	+	+
New household	NEWHOUSE	32	1	+	+	+	+
Sex	SEX	33	1	+	+	+	+
Resident?	RESIDENT	34	1	-	+	+	+
Permanent or temporary residence	PTRESIDE	35	4	-	+	+	+
Family relation	position I	FAMREPO1	39	2	+	+	+
	position II	FAMREPO2	41	2	-	+	+
	NAPP (IPUMS) Relate	FAMRENAP	43	4	+	+	+
Marital status		MARITALS	47	1	+	+	+
Occupation	Hierarchy (main occ.)	MOCCUHIE	48	2	+	+	+
	Trade (main occ.)	MOCCUTRA	50	2	+	+	+
	Hierarchy (secondary occ.)	SOCCUHIE	52	2	+	+	+
	Trade (secondary occ.)	SOCCUTRA	54	2	+	+	+
	NAPP HISCO	OCCNAPSC	56	5	+	+	+
	NAPP HISCO status	OCCNAPPS	61	2	+	+	+

	NAPP HISCO relation	OCCNAPPR	63	2	+	+	+	+
	NAPP Product	OCCNAPPP	65	3	+	+	+	+
	NAPP HISCO (sec. occ.)	OCCNAPSC2	68	5	+	+	+	+
	NAPP HISCO (sec. stat.)	OCCNAPPS2	73	2	+	+	+	+
	NAPP (second Product)	OCCNAPPP2	75	3	+	+	+	+
Birth day		BDAY	78	2	-	-	-	+
Birth month		BMONTH	90	2	-	-	-	+
Birth year		BIRTHYEA	92	4	+	+	+	+
Place of birth		PLACEBIR	96	4	+	+	+	+
Citizenship		NATIONAL	100	3	-	+	+	+
Religion		RELIGION	103	4	+	+	+	+
Sickness		SICKNESS	107	2	+	+	+	+
Ethnicity (Father's ethnicity in 1875)		FETHNICI	109	4	+	+	+	+
Mother's ethnicity in 1875		METHNICI	113	4	-	+	-	-
Language		LANGUAGE	117	4	-	-	+	+
First name		FIRSTNAM	121	16	+	+	+	+
Last name		LASTNAME	137	16	+	+	+	+
<b>Total number of positions</b>			<b>153</b>					

## Variable documentation:

The code book has a household (H) and a person (P) record. The first four of the numeric variables are the same in both records and make a connection possible. Enumeration district numbers, residence list numbers and apartment list numbers may contain letters in the census manuscripts. These have been translated to two "decimal" digits following a "decimal" point, for instance a = .1 etc.

A household record is inserted each time a new household marker was found in the original source or inferred from other information. Because a big household may extend over more than one residence or apartment list, the number of the said list may change in the middle of a household. Zeroes or a sequence of the digit nine have been used for missing information.

**Municipality number:** Norwegian codes from 0101 up to 2030: The two first digits denote province, the last two show which municipality within the province. When the third digit is zero, the municipality is a town. For ships the numbers can be below 0100.

Cf. [http://rhd.uit.no/koding/F%C3%B8destedskoder\\_Norge.pdf](http://rhd.uit.no/koding/F%C3%B8destedskoder_Norge.pdf)

**Enumeration district number:** In order to follow the system in the source where identical numbers are distinguished with letters, the first four digits are ordinary numbers followed by a dot and two more digits. This field is zero-filled for ships. Total positions = 7 (0034.10).

**Residence list number:** In order to follow the system in the source where identical list numbers are distinguished with letters, the first four digits are ordinary numbers followed by a dot and two more digits. Total positions = 7 (0236.10).

**Apartment list number:** (Urban municipalities only, zeroes elsewhere.) In the towns each apartment in a building has a unique number. In the source identical numbers are distinguished with letters. To preserve this system the three first digits are ordinary numbers followed by a dot

and two more digit. Total positions = 6 (002.10).

**Country code:** Coded with the Norway's country code 0047.

**N persons:** The total number of persons in each household.

**Residence name:** Farm name, street name, ship name, drawn directly from the source. All names are truncated to 16 characters. The symbol !! denotes an empty field.

**Person number:** Every person is numbered within each residence list in the country and within each apartment list in the towns.

**Household number:** This variable is constructed. It starts with 001 for each residence list (rural) or apartment list (urban) and is incremented with one each time the variable **New household** contains the value "1".

**New household:** The value "1" indicates the beginning of a new household, as marked in the original source. It is the only legal value, so the rest will have zero.

**Sex:** Follows the IPUMS convention (1 = male, 2 = female). Other values = 0

**Resident:** Persons living permanently in the house and present on census day = 1

Persons living permanently in the house, but absent on census day = 2

Persons who were temporarily present on census day = 3

**Permanent or temporary residence:** Coded in the same way as the variable **Place of birth**, but this variable is not fully encoded on the local level.

**Family relation:** Coded both with Norwegian and NAPP / IPUMS Relate codes.

#### Norwegian family relationship codes:

It is possible to code two variables concerning family and household for each person in the Norwegian system. The sequence in the source is followed. Only the first relationship mentioned in the source is encoded with NAPP / IPUMS Relate.

Norwegian label	English	Norw. Code
Husstandsoverhode	Household head	01
Ektefelle	Spouse	02
Barn, stebarn	Child, stepchild	03
Foster-, pleie-, adoptivbarn	Fostered, adopted child	05
Svigerbarn	Child-in-law	07
Barnebarn	Grandchild	08
Foreldre, svigerforeldre	Parent, parent-in-law	09
Søsken, svigersøsken	Sibling, sibling-in-law	11
Annen slekt	Other relatives	13
Tjenestefolk	Servants	14
Lærlinger m. v.	Apprentice	15
Losjerende	Lodgers	16
Fattige, legdslem	Paupers	17

Innerster	Living with others	18
Besøkende	Visitors	20
Kårfolk, føderådsfolk	Retired people with farm benefits	21
Andre	Others	23
Ukjent	Unknown	99
Ingen informasjon	No information	00

**NAPP / IPUMS Relate:** For the Relate codes, cf. [https://www.nappdata.org/napp-action/variables/RELATE#codes\\_section](https://www.nappdata.org/napp-action/variables/RELATE#codes_section)

**Marital status:** The following NAPP codes have been used.

Label	Marital status
Married, spouse present	1
Married, spouse absent	2
Separated	3
Divorced	4
Widowed	5
Single/never married	6
Unknown	9

Value 2 (married, spouse absent) has not been used in the Norwegian material, but may be inferred from the temporary absent variable. Blank values are encoded with unknown status.

**Occupations:** Coded both with Norwegian and NAPP-modified HISCO codes.

#### **Norwegian occupation codes:**

It is possible to code both a primary and an optional secondary occupation independently in the Norwegian system. For each occupational title we have two variables, *HIERARK* and *NAERING*. The first is related to the socio-economic level of the occupation, while the second describes the economic sector within which the occupation occurred. The first variable includes occupations ranging from landowners and capitalists, at the top; through professionals, office functionaries, and those running their own businesses; to craft workers and work leaders; to day laborers and apprentices; and finally to unemployed and/or unproductive individuals at the bottom. The codes for trade, (*NAERING*) are broadly based on primary, secondary, and tertiary economic sectors.

#### **HIERARK: Work codes based on socio-economic position or hierarchical position in society**

Occupational positions	Code s
Not given	00
Farmer, owner - ordinary sized farm	01
Proprietor of estate	02
House or building owner in town or city	03

Tenant farmer, lease-holder	04
Farmer, unspecified	05
Retired agriculturalists, remaining on farm with formal contract with (usually) children	06
Cottager with land	07
Cottager without land	08
Cottager (unspecified)	09
Lodger	10
Servant	12
Helps in the family	13
Owens and/or runs a business	20
Civil servant, high level	21
Civil servant, middle status	22
Civil servant, low status	23
Foreman	24
Guard, watchman, housekeeper, farm manager	25
Master (position gained through formal training and certified; owns own shop)	26
Other work leader (officer in the army, naval officer at court)	27
Journeyman	37
Workers, Day labourers	38
Apprentice	39
Other	40
Agent, Representative of companies or firms	41
Student, pupil	50
Rentier, "capitalist"	51
Pensioned	52
No longer working	53
Orphan, foster child	54
Pauper (fattiglem)	55
On municipal support	56
Receiving private or other support	57
Beggar	58
Prisoner	59

**NAERING: Economic sector codes -- associated with work or occupational position**

<b>Economic Activities</b>	<b>Codes</b>
<b>Primary Sector Activities</b>	
Unspecified primary sector activities	10
Agriculture	11
Forestry	12
Fishing, hunting, trapping, etc.	13
Mining	14
Reindeer herding and associated activities	15
Other activities associated with outlying land	19
<b>Secondary Sector Activities</b>	
Unspecified secondary sector activities	20
Craft industry, not carried out at home	21
Home-based handicraft and craft industry	22
Stone and earth manufacturing processes, slate working	23
Industry and manufacturing	24
Construction, not in 21 or 24	25
Sawmills	26
<b>Tertiary Sector Activities</b>	
Unspecified service sector activities	30
Retail activity	31
Shipping (by water) -- seaman, etc.	32
Communication and Transport -- private	33
Civil communication and Transport	34
Civil servants -- teachers, police, postal workers, telegraph, customs, courts, others	35
Religious occupations	36
Military	37
Health care	38
Professional occupations	39
Household work	42
Unproductive	50
Other occupations	60
FIRE (Finance, Insurance, Real Estate)	70

Unspecified office work	80
Unknown occupation	99

**NAPP HISCO:** Coded according to the NAPP- modified version of HISCO.

Cf. [https://www.nappdata.org/napp-action/variables/OCCHISCO#codes\\_section](https://www.nappdata.org/napp-action/variables/OCCHISCO#codes_section)

**NAPP HISCO status:** 2-digit numeric variable for status information in occupation string.

Cf. [https://www.nappdata.org/napp-action/variables/OCSTATUS#codes\\_section](https://www.nappdata.org/napp-action/variables/OCSTATUS#codes_section)

**NAPP HISCO relations:** 2-digit codes for relationship information in occupation string:

Label	Relation
None	00
Wife	10
Widow	11
Son	12
Daughter	13
Other male relative	14
Other female relative	15
Dependent	16
Physical or mental disability	41
Homeworker	51

**NAPP Product:** 3-digits code added to major group 4, **Sales workers**,

cf. [https://www.nappdata.org/napp-action/variables/PRODUCT#codes\\_section](https://www.nappdata.org/napp-action/variables/PRODUCT#codes_section)

**Birth year or date:** In 1865 the year of birth is computed from age. In 1875 and 1900 only the year of birth is given in the source. The date of birth given in 1910 is in the encoding process separated into three different variables: **day**, **month**, and **year**.

**Place of birth:** Norwegian municipality codes are from 0100 up to 2030. The two first digits denote province, the last two which municipality within province. If the third digit is a zero the municipality is a town. Unspecifiable or not unique domestic place names have been encoded with nation code 4040 for Norway. Cf. [http://rhd.uit.no/koding/fs\\_koder.html](http://rhd.uit.no/koding/fs_koder.html)

**Citizenship:** The following codes have been used:

Label	Nationality
Norwegian	404
Swedish	405
Finnish	401
Danish	400
German	453

Russian	465
Rest of Europe	499
Rest of World	900
Unknown	997
No information	999

**Religion:** NAPP codes are used for religion.

Cf. [https://www.nappdata.org/napp-action/variables/RELIGION#codes\\_section](https://www.nappdata.org/napp-action/variables/RELIGION#codes_section)

**Sickness:** The following codes have been used:

Label	Sickness
Mental disease	21
Blind	24
Deaf	25
Deaf and dumb	26
Other	99
No information	00

**Ethnicity:** In 1865, 1900 and 1910 the person's reported ethnicity is coded in the first ethnicity variable. In 1875 the ethnicity of a person's father and mother is given, so two separate ethnicity variables are used.

The following codes have been used:

Label	Ethnicity
English	2100
German	3100
Norwegian	4050
Sami (lapp)	4100
Sami, nomads	4110
Sami, resident	4120
Mixed	4200
Norwegian-Sami	4210
Norwegian-Finnish	4220
Sami-Finnish	4230
Scandinavian	5100
Swedish	5200
Finnish	5300
Danish	5400
Icelander	5500
Bohemian	6410



Hungarian	6420
Polish or Mazurian	6430
Russian	6510
Russian Jew	6520
Italian	6730
American (Unspecified)	7100
Unknown	9970
No information	9990

**Language:** The following codes have been used. When more than one language is stated, the first one has been coded.

Label	Language
Swedish	0500
Norwegian	0700
Finnish	3300
Sami	3520
Other	9600
No information	9900

**First name and last name:** Most of the persons' names from the source have been standardized before entered into the encoded file, and truncated to 16 characters. The symbol !! denotes an empty field.

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