

CCRIUID DESCRIPTION

For each census, the CCRI provides the user with location information for dwellings/households/individuals, with the boundary files to which location codes refer, and with some reference aggregate data from published census returns. The basic spatial unit for those three types of information is the Census subdivision (as listed in the published census returns) and is given by the CCRIUID (CCRI unique identifier), which allows us to link them together.

1. The unique geographic identifier (CCRIUID)

The CCRIUID is the unique 10-character geographic identifier which is used for geocoding. It is an alphanumeric variable based on the Census division (CD) and subdivision (CSD) numbers as listed in the published tables. For each census year, the table with the most complete listing of Census subdivisions was selected as the KEY table to establish the number of CSDs and their names. In general, the KEY table is the table containing male and female population counts, except for 1941 (population by ethnic origins).

Figure 1 gives an illustration of the key table for 1921, and the corresponding CCRI published summary data file. In this example, Alberta Division No. 1 is given the CD number of 189, because it is the 189th CD listed in the published table. The KEY table ID field, V1T16_1921, is the initial coding of the CCRIUID, which is then completed as below.

Figure 1. Published KEY TABLE used as basis for hierarchical coding of 1921 CCRIUID

RECENSEMENT DU CANADA, 1921

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TABLEAU 16. Population classifiée comme étant de naissance canadienne, britannique et étrangère, selon le sexe par comtés ou divisions de recensement, 1921—*suite*.

Municipality, township or subdivision — Municipalité, canton ou subdivision	Total			Canadian born — De naissance canadienne		British born — De naissance britannique		Foreign born — De naissance étrangère	
	Both sexes — Les deux sexes	Male — Hommes	Female — Femmes	Male — Hommes	Female — Femmes	Male — Hommes	Female — Femmes	Male — Hommes	Female — Femmes
	ALBERTA ¹	588,454	324,208	264,246	166,176	148,914	55,724	43,668	102,308
Division No. 1	30,664	16,632	14,032	7,744	7,267	2,377	2,012	6,511	4,753
1. L.I.D.—D.A.L....	64	34	30	6	10	7	—	21	20
2. L.I.D.—D.A.L....	198	114	84	23	28	16	9	75	47
3. L.I.D.—D.A.L....	276	167	109	47	35	7	5	113	69
4. L.I.D.—D.A.L....	803	481	322	166	134	50	38	265	150
5. L.I.D.—D.A.L....	852	489	363	189	153	42	17	258	193
6. L.I.D.—D.A.L....	426	244	182	88	68	14	8	142	106
31. L.I.D.—D.A.L....	92	64	28	21	9	7	4	38	15
32. L.I.D.—D.A.L....	940	528	412	185	174	39	31	304	207
33. Flowery Plain....	679	403	276	167	124	50	28	186	124
34. Burlington.....	995	578	417	250	184	62	46	266	187

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V1T16_1 921	PR	CD_N O	CSD_ NO	PR_CD_CSD	CSD _TYP E	POP_TOT_ 1921	POP_M_1 921	POP_F_1 921	CAN_BORN_M _1921
AB00000 0	A B	000	000	ALBERTA		588,454	324,208	264,246	166,176
AB18900 0	A B	189	000	Division No. 1		30,664	16,632	14,032	7,744
AB18900 1	A B	189	001	1. L.I.D.- D.A.L.		64	34	30	6
AB18900 2	A B	189	002	2. L.I.D.- D.A.L.		198	114	84	23
AB18900 3	A B	189	003	3. L.I.D.- D.A.L.		276	167	109	47
AB18900 4	A B	189	004	4. L.I.D.- D.A.L.		803	481	322	166
AB18900 5	A B	189	005	5. L.I.D.- D.A.L.		852	489	363	189
AB18900 6	A B	189	006	6. L.I.D.- D.A.L.		426	244	182	88
AB18900 7	A B	189	007	31. L.I.D.- D.A.L.		92	64	28	21
AB18900 8	A B	189	008	32. L.I.D.- D.A.L.		940	528	412	185
AB18900 9	A B	189	009	33. L.I.D.- D.A.L. Flowe ry Plain		679	403	276	167
AB18901 0	A B	189	010	34. L.I.D.- D.A.L. Burlin gton		995	578	417	250

Top: Scanned section of **original published KEY TABLE**

Bottom: First 10 columns of **CCRI published summary data file** for same section

The CCRIUID field name always includes the census year to which it applies (1911, 1921, etc.). The unique **CCRIUID_19YY** is constructed by concatenation of the PROVINCE CODE, CENSUS DIVISION NUMBER, CENSUS SUBDIVISION NUMBER, CENSUS SUBDIVISION PART NUMBER, for each polygon, for each census year. See Figure 2, "Parsing the CCRIUID" for illustration.

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Figure 2. Parsing the CCRIUID

PROVINCE CODE:	2-character code: AB, BC, ON, QC etc.
CENSUS DIVISION NUMBER:	3-character code: 001, 002, etc.
CENSUS SUBDIVISION NUMBER	3-character code: 001, 002, etc.
CENSUS SUBDIVISION PART NUMBER	2-character code: 01, 02, etc, where applicable. 00 when not necessary. See explanation in text.
CCRIUID_19YY	eg: AB18900100

This hierarchical coding system is mostly self-explanatory, and seeks to duplicate the structure of the reporting of the census as represented in the published KEY table.

NOTE: There is one point that needs special consideration since it is not derived from the published KEY table: the SUBDIVISION PART NUMBER. The SUBDIVISION PART NUMBER is a constructed code which has been added for the purposes of geocoding. The CSD is based on a single line in the KEY table. Most CSDs have no “parts” (i.e. each represents an integrated uninterrupted polygon with no identifiably different geographic subdivisions). In these cases the PART code is not significant, and is set as “00”. However, if there are identifiable parts to the CSD, the parts are coded 01, 02, 03, and so on. There are a few common situations where this occurs:

- CSDs listed in the KEY table as two or more townships or parishes combined, eg: “Joe and Bob Townships”, where these are found to be separately identified in the census manuscript
- CSDs listed as “Other parts”, where these other parts are found to be identifiable geographic units such as surveyed townships, in the census manuscript
- CSDs listed as Indian reserves, where individual reserves are found to be identifiable in the census manuscript
- CSDs on the Prairie provinces listed as Municipalities or Improvement districts, but separately identified as numbered townships (Township, Range, Meridian) in the census manuscript

These “parts” have been kept separate in the construction versions of the CCRI GIS data layers for the development of the GIS infrastructure in the future. They have been merged into multi-part CSD polygons for the immediate purposes of exporting the shape files at the CSD level. Researchers interested in using the more detailed construction version should apply to the CCRI distribution network for access.

One point must be reiterated: there is a difference between the manuscript census organization and the published census organization. The latter is the basis for the CCRIUID,

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while the former is transcribed on the manuscript schedules. This must be clearly understood because the images of the manuscript enumeration census schedules are now available online for 1911, and will become available for 1921 and subsequent years as the 92-year confidentiality period expires for each census. Care must be taken not to confuse these two geographical organizations, as they both utilize the terminology of “District” and “Subdistrict”, but are completely different. Both sets of identifiers are included in the microdata sample files, but **only the CCRIUID-derived geographic identifiers should be used** for the geographic selection and depiction of data since only they can link the dwelling/household/individual to 1) the actual spatial unit where they lived; 2) the actual spatial unit in which they have been compiled for published returns; and 3) the polygon created for the mapping and spatial analyzing of CCRI data.

If research must be done with the census-taking geography information, as appearing on the manuscript schedules (and digitized by CCRI data entry operators), it must be remembered that those variables (schedule header geographical information such as province, enumeration district and enumeration subdistrict; manuscript individual place of adobe) are delivered as they are, without having passed through any cleaning/standardization/coding process.

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(C) CCRIUID VARIABLES

1. CCRICD 1911 to 1951

- CCRICD_1911
- CCRICD_1921
- CCRICD_1931
- CCRICD_1941
- CCRICD_1951

Definition: Census division name as derived from key published census table.

Source: Published census tables.

Codes: None

Remarks: None

2. CCRICD NO 1911 to 1951

- CCRICD_NO_1911
- CCRICD_NO_1921
- CCRICD_NO_1931
- CCRICD_NO_1941
- CCRICD_NO_1951

Definition: Census division code portion of the CCRIUID variable.

Source:

Codes: None

Remarks: This 3 digit code was established using the key published table by assigning 001 to the first division listed and incrementing by one for each subsequent census division. See the User Guide section "CCRI Geography - CCRIUID." Also see remarks for CCRIUID.

3. CCRICSD NO 1911 to 1951

- CCRICSD_NO_1911
- CCRICSD_NO_1921
- CCRICSD_NO_1931
- CCRICSD_NO_1941
- CCRICSD_NO_1951

Definition: Census subdivision code portion of the CCRIUID variable.

Source:

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Codes: None

Remarks: None

4. CCRICSD PART NO 1911 to 1951

- CCRICSD_PART_NO_1911
- CCRICSD_PART_NO_1921
- CCRICSD_PART_NO_1931
- CCRICSD_PART_NO_1941
- CCRICSD_PART_NO_1951

Definition: Census subdivision part code portion of the CCRIUID variable.

Source:

Codes: None

Remarks: None

5. CCRINAME 1911 to 1951

- CCRINAME_1911
- CCRINAME_1921
- CCRINAME_1931
- CCRINAME_1941
- CCRINAME_1951

Definition: Census subdivision name as derived from key published census table.

Source:

Codes: None

Remarks: None

6. CCRITYPE 1911 to 1951

- CCRITYPE_1911
- CCRITYPE_1921
- CCRITYPE_1931
- CCRITYPE_1941
- CCRITYPE_1951

Definition: Type of geographic location

Source:

Codes: None

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Remarks: None

7. CCRIUID

Definition: Geographic location unique identifier. The CCRIUID is a field generated by the CCRI Geocoding teams to uniquely identify the province, district and subdistrict that the individual resided in for the census year in which they were recorded.

Source: Generated by the Geo Coding teams by combining the Province code, District and Sub District values associated to each location in Canada. The correct CCRIUID was then assigned to each Dwelling and Individual.

Corrections to captured schedule header data were made at this step, making the CCRIUID the most accurate reflection of location in the CCRI database.

The Geo Coding teams used the key variables from the Census Schedule Header including the following:

- 1) INDIVIDUAL_ID
- 2) IMAGE_ID
- 3) REEL_NUMBER
- 4) DISTRICT_NUMBER
- 5) SUB_DISTRICT_NUMBER
- 6) LINE_NUMBER
- 7) PAGE_NUMBER

Codes: None

Remarks: The PR, CD and CSD values incorporated into the hierarchical structure of the CCRIUID are reflective of the compilation process in the published tables. The user should be aware that these are sometimes different than the manuscript "PROVINCE_CODE" and almost always different from the manuscript "District_Number" and manuscript "Sub_District_Number".

See "The Geographical Component" in the Overview section of this guide.

8. CCRIUIDNAME 1911 to 1951

- CCRIUIDNAME_1911
- CCRIUIDNAME_1921
- CCRIUIDNAME_1931
- CCRIUIDNAME_1941
- CCRIUIDNAME_1951

Definition: Census subdivision part name as identified during geocoding process

Source:

Codes: None

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Remarks: None

9. CCRIUID CD 1911 to 1951

- CCRIUID_CD_1911
- CCRIUID_CD_1921
- CCRIUID_CD_1931
- CCRIUID_CD_1941
- CCRIUID_CD_1951

Definition: Geographic location unique identifier at CD level (first 5 characters of CCRIUID)

Source:

Codes: None

Remarks: See the User Guide section "CCRI Geography - CCRIUID."

10. CCRIUID CSD 1911 to 1951

- CCRIUID_CSD_1911
- CCRIUID_CSD_1921
- CCRIUID_CSD_1931
- CCRIUID_CSD_1941
- CCRIUID_CSD_1951

Definition: Geographic location unique identifier at CSD level (first 8 characters of CCRIUID.)

Source:

Codes: None

Remarks: This 8 digit code is very similar to the key table ID, but should not be used as the join field when attaching published table data. See the User Guide section CCRI Geography - CCRIUID.

11. CCRI URBAN RURAL 1911 to 1951

- CCRI_URBAN_RURAL_1911
- CCRI_URBAN_RURAL_1921
- CCRI_URBAN_RURAL_1931
- CCRI_URBAN_RURAL_1941
- CCRI_URBAN_RURAL_1951

Definition: Geographic location classified as urban or rural

Source:

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Codes: None

Remarks: None

PR_1911

PR_1921

PR_1931

PR_1941

PR_1951

Definition: Geographic location unique identifier at Province level (first 2 characters of CCRIUID.)

Source:**Codes:**

PROVINCE CODE	NAME	NOM
AB	Alberta	Alberta
BC	British Columbia	Colombie-Britannique
PE	Prince Edward Island	Île-du-Prince-Édouard
MB	Manitoba	Manitoba
NB	New Brunswick	Nouveau-Brunswick
NS	Nova Scotia	Nouvelle-Écosse
ON	Ontario	Ontario
QC	Québec	Québec
SK	Saskatchewan	Saskatchewan
YT	Yukon Territory	Territoire du Yukon
NT	Northwest Territories	Territoires du Nord-Ouest

(D) CCRI PUBLISHED SUMMARY TABLES 1911-1951

Year	Vol.	Tab.	Pages	Basic Geo. Unit	Title	File Name	Key
1911	1	1	(p. 2-172)	CSD	Area and Population of Canada by Provinces, Districts and Subdistricts in 1911 and Population in 1901	CCRI_PUB_1911_V1T1 1911_V1T1_variables	Key
1911	1	2	(p. 174-511)	CSD	Conjugal Condition of the People, classified as single, married, widowed, divorced, legally separated and not given, by districts and sub-districts	CCRI_PUB_1911_V1T2 1911_V1T2_variables	
1911	2	2	(p. 5-147)	CSD	Religions of the People	CCRI_PUB_1911_V2T2 1911_V2T2_variables	
1911	2	7	(p. 162-331)	CSD	Origins of the People by sub-districts	CCRI_PUB_1911_V2T7 1911_V2T7_variables	
1911	2	28	(p. 462-466)	CD	Literacy of total population 5 years of age and over	CCRI_PUB_1911_V2T28 1911_V2T28_variables	
1921	1	16	(p. 249-339)	CSD	Population, Canadian, British and Foreign born, classified by sex for counties or census divisions, 1921	CCRI_PUB_1921_V1T16 1921_V1T16_variables	Key
1921	1	27	(p. 382-541)	CSD	Population classified according to principal origins of the people by counties or census divisions, 1921	CCRI_PUB_1921_V1T27 1921_V1T27_variables	
1921	1	38	(p. 604-755)	CSD	Population classified according to principal religions of the people by counties or census divisions, 1921	CCRI_PUB_1921_V1T38 1921_V1T38_variables	

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1921	3	3	(p. 6-7)	CD	Dwellings and households, classified as rural and urban, for counties or census divisions, 1921	CCRI_PUB_1921_V3T3 1921_V3T3_variables	
1931	2	21	(p. 164-249)	CSD	Population, Canadian, British and Foreign born, classified by sex, for municipalities, townships or other subdivisions, 1931	CCRI_PUB_1931_V2T21 1931_V2T21_variables	Key
1931	2	33	(p. 320-493)	CSD	Population classified according to principal origins for municipalities, etc., 1931	CCRI_PUB_1931_V2T33 1931_V2T33_variables	
1931	2	42	(p. 534-696)	CSD	Population classified according to principal religions for municipalities, etc., 1931	CCRI_PUB_1931_V2T42 1931_V2T42_variables	
1931	5	49	(p. 944-949)	CD	Buildings (containing dwellings), dwellings and households, classified as rural and urban, for counties and census divisions, 1931	CCRI_PUB_1931_V5T49 1931_V5T49_variables	
1941	2	32	(p. 320-507)	CSD	Population by principal origins, for census subdivisions, 1941	CCRI_PUB_1941_V2T32 1941_V2T32_variables	Key
1941	2	38	(p. 550-641)	CSD	Population by selected religious denominations, for census subdivisions, 1941	CCRI_PUB_1941_V2T38 1941_V2T38_variables	
1941	5	4	(p. 6-55)	CD	Buildings, dwellings, households and families, showing tenure and type of dwelling, and composition of households and families, for counties, rural and urban, 1941	CCRI_PUB_1941_V5T4 1941_V5T4_variables	
1951	1	6	(p. 6-1 to 6-37)	CSD	Population by census subdivisions, 1871-1951	CCRI_PUB_1951_V1T6 1951_V1T6_variables	

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1951	1	7	(p. 7-1 to 7-45)	CSD	Population by sex for census subdivisions, 1951	CCRI_PUB_1951_V1T7 1951_V1T7_variables	Key
1951	1	34	(p. 34-1 to 34-22)	CD	Population by origin and sex, for counties and census divisions, 1951	CCRI_PUB_1951_V1T34 1951_V1T34_variables	
1951	1	41	(p. 41-1 to 41-93)	CSD	Population by specified religious denominations, for census subdivisions, 1951	CCRI_PUB_1951_V1T41 1951_V1T41_variables	
1951	3	4	(p. 4-1 to 4-20)	CD	Households by number of persons and average number of persons per household, for counties and census divisions, rural farm, rural non-farm, and urban, 1951	CCRI_PUB_1951_V3T4 1951_V3T4_variables	
1951	3	6	(p. 6-1 to 6-10)	CD	Occupied dwellings by tenure, for counties and census divisions, rural farm, rural non-farm, and urban, 1951	CCRI_PUB_1951_V3T6 1951_V3T6_variables	
1951	3	9	(p. 9-1 to 9-8)	CD	Occupied dwellings by tenure showing type of dwelling, for counties and census divisions, 1951	CCRI_PUB_1951_V3T9 1951_V3T9_variables	