

U S E R S U M M A R Y T A P E

LONG FORM HOUSING FILE 1

AAAAAA	2222222	HH	HH	SSSSSSS	GGGGGGG	0000	0000		1
AAAAAAAA	22222222	HH	HH	SSSSSSSS	GGGGGGGG	000000	000000		11
AA AA	22	HH	HH	SS	GG GG	00 00	00 00		111
AA AA	222	HHHHHHHH		SSSSS	GG	00 00	00 00		11
AAAAAAAA	222	HHHHHHHH		SSSSS	GG GGGG	00 00	00 00		11
AAAAAAAA	22	HH	HH	SS	GG GG	00 00	00 00		11
AA AA	22222222	HH	HH	SSSSSSSS	GGGGGGGG	000000	000000		111111
AA AA	22222222	HH	HH	SSSSSSS	GGGGGG	0000	0000		111111

EXTERNAL DECIMAL

1971 CENSUS OF CANADA

CONTENTS:	PAGE
SECTION A: FILE CONTENT.....	A1
SECTION B: FILE SPECIFICATIONS.....	B1
SECTION C: DEFINITION OF GEOGRAPHIC REGIONS AND AN EXPLANATION OF GEO-STATISTICAL CODES.....	C1
SECTION D: EXPLANATORY NOTES.....	D1
SECTION E: TECHNICAL SPECIFICATIONS.....	E1
SECTION F: SUPPLEMENTARY INFORMATION.....	F1
SECTION G: RECORD DESCRIPTION.....	G1

SECTION	FILE CONTENT
A	

LONG FORM HOUSING FILE 1

(LEVEL 1)

TABLE 1

COUNT OF TOTAL DWELLINGS (1)

TABLE 2

DWELLINGS BY PERIOD OF CONSTRUCTION (6)

BEFORE 1946
 1946-1950
 1951-1960
 1961-1965
 1966-1970
 1971-JUNE 1, 1971

TABLE 3

DWELLINGS BY NUMBER OF BEDROOMS (6) AND
AVERAGE NUMBER OF BEDROOMS PER DWELLING

0 BEDROOMS
 1 BEDROOM
 2 BEDROOMS
 3 BEDROOMS
 4 BEDROOMS
 5 BEDROOMS OR MORE
 AVERAGE NUMBER OF BEDROOMS PER DWELLING

TABLE 4

DWELLINGS BY SOURCE OF WATER SUPPLY (3)

MUNICIPAL OR PRIVATE COMPANY
 WELL ON PROPERTY
 OTHER (SPRING, RIVER, ETC.)

TABLE 5

DWELLINGS BY METHOD OF SEWAGE DISPOSAL (3)

CONNECTION TO PUBLIC SEWER
SEPTIC TANK
OTHER (CESSPOOL, PIT)

TABLE 6

DWELLINGS BY TYPE OF HEATING EQUIPMENT (3)

FURNACE OR INSTALLED ELECTRIC SYSTEM
HEATING STOVE, COOK STOVE, SPACE HEATER
OTHER

TABLE 7

DWELLINGS BY TYPE OF HEATING FUEL (4)

OIL OR OTHER LIQUID FUEL
GAS (PIPED OR BOTTLED)
ELECTRICITY
OTHER OR NONE

TABLE 8

DWELLINGS BY TYPE OF COOKING FUEL (4)

OIL OR OTHER LIQUID FUEL
GAS (PIPED OR BOTTLED)
ELECTRICITY
OTHER OR NONE

TABLE 9

DWELLINGS BY TYPE OF WATER HEATING FUEL (4)

OIL OR OTHER LIQUID FUEL
GAS (PIPED OR BOTTLED)
ELECTRICITY
OTHER OR NONE

TABLE 10

DWELLINGS BY NUMBER OF AUTOMOBILES (4)

NO AUTOMOBILE
1 AUTOMOBILE
2 AUTOMOBILES
3 AUTOMOBILES OR MORE

TABLE 11

DWELLINGS BY NUMBER OF OWNED VACATION HOMES (2)

WITHOUT VACATION HOMES
WITH VACATION HOMES

TABLE 12

DWELLINGS BY HOUSEHOLD FACILITIES (5)

REFRIGERATOR
HOME FREEZER
ELECTRIC DISHWASHER
AUTOMATIC CLOTHES DRYER
TELEVISION

TABLE 13

COUNT OF OWNER OCCUPIED SINGLE HOUSE
NON-FARM DWELLINGS (1)

TABLE 15

OWNER OCCUPIED SINGLE HOUSE NON-FARM DWELLINGS
BY NUMBER OF MORTGAGES (3)

NO MORTGAGE
FIRST MORTGAGE ONLY
MORE THAN ONE MORTGAGE

TABLE 16

OWNER OCCUPIED SINGLE HOUSE NON-FARM DWELLINGS
BY HOLDER OF FIRST MORTGAGE (4)

BANK OR FINANCE, LOAN, TRUST OR MORTGAGE COM
GOVERNMENT (FEDERAL, PROVINCIAL OR MUNICIPAL
PRIVATE INDIVIDUAL
OTHER (CREDIT UNION ETC.)

TABLE 17

OWNER OCCUPIED SINGLE HOUSE NON-FARM
DWELLINGS BY PARKING FACILITIES (2)

WITHOUT GARAGE
WITH GARAGE

TABLE 18

COUNT OF TENANT OCCUPIED NON-FARM DWELLINGS (1)

TABLE 19

TENANT OCCUPIED NON-FARM DWELLINGS BY ITEMS INCLUDED IN RENT (5)

FURNITURE OR FURNISHINGS
AIR CONDITIONING
REFRIGERATOR
COOKING STOVE
OFF STREET PARKING

TABLE 20

TENANT OCCUPIED NON-FARM DWELLINGS BY AVERAGE CASH RENT (1)

AVERAGE RENT

TABLE 21

TENANT OCCUPIED NON-FARM DWELLINGS BY AVERAGE GROSS RENT (1)

AVERAGE RENT

SECTION

FILE SPECIFICATIONS

B

GEOGRAPHIC LEVEL: ENUMERATION AREA SERIES (EA)

FILE NAME: LONG FORM HOUSING FILE 1

DATA SET NAME : A2HSG001
 CHARACTER MODE : EXTERNAL DECIMAL
 LOGICAL RECORD LENGTH: 498
 BLOCK SIZE : 4980
 BLOCKING FACTOR : 10
 NUMBER OF RECORDS : 40,985
 NUMBER OF TAPE REELS : =1 (9 TRACKS, 1600 B.P.I.)
 =2 (9 TRACKS, 800 B.P.I.)
 =2 (7 TRACKS, 800 B.P.I.)

ORIGINAL NUMBER OF E.A.'S (JUNE 1, 1971) : 42,533
 NO. OF E.A.'S IN THIS FILE : 40,985

REASONS FOR DIFFERENCE- NO. OF COMBINED E.A.'S : 766
 - NO. OF NO POPULATION E.A.'S (INCLUDING
 5 E.A.'S WITH NO 2B INFORMATION) : 782
 - NO. OF COLLECTIVE AND LATE ADDITION E.A.'S: 0

LIST OF E.A.'S WITH NO 2B INFORMATION:

PROVINCE	ED	EA
35	01	269
46	02	309
47	13	260
48	15	252
59	08	404

SEQUENCE: ENUMERATION AREA FILES ARE IN ASCENDING ORDER FROM
 NEWFOUNDLAND TO YUKON BY REGION, PROVINCE, FEDERAL ELECTORAL
 DISTRICT AND ENUMERATION AREA.

NOTE: A COMPLETE LIST OF THE NO POPULATION, COMBINED AND COLLECTIVE EA'S
 CAN BE OBTAINED FROM - DATA DISSEMINATION
 CENSUS FIELD
 STATISTICS CANADA
 613-996-5254

SECTION C DEFINITION OF GEOGRAPHIC REGIONS AND AN
EXPLANATION OF GEO-STATISTICAL CODES

FIELD 1
POSITION 1-2 PROVINCE

CANADA'S POPULATION IS SPREAD OVER 10 PROVINCES AND 2 TERRITORIES; THE TERRITORIES BEING REGARDED AS EQUIVALENT TO THE PROVINCES. THE IDENTIFICATION OF A SINGLE PROVINCE REQUIRES THE CODE OF THE REGION OF CANADA (FIRST DIGIT) AND THEN THE CODE OF THE PROVINCE ITSELF (SECOND DIGIT).

THE 10 PROVINCES AND 2 TERRITORIES ARE REGROUPED INTO 6 REGIONS:

PROVINCE CODE	PROVINCE NAME	REGION CODE	REGION NAME
10	NEWFOUNDLAND	1	ATLANTIC
11	PRINCE EDWARD ISLAND	1	ATLANTIC
12	NOVA SCOTIA	1	ATLANTIC
13	NEW BRUNSWICK	1	ATLANTIC
24	QUEBEC	2	QUEBEC
35	ONTARIO	3	ONTARIO
46	MANITOBA	4	WEST
47	SASKATCHEWAN	4	WEST
48	ALBERTA	4	WEST
59	BRITISH COLUMBIA	5	BRITISH COLUMBIA
60	NORTH WEST TERRITORIES	6	TERRITORIES
61	YUKON	6	TERRITORIES

FIELD 2
POSITION 3-4 FEDERAL ELECTORAL DISTRICT

ANY TERRITORIAL UNIT ENTITLED TO RETURN A MEMBER TO SERVE IN THE HOUSE OF COMMONS. FEDERAL ELECTORAL DISTRICTS RECOGNIZED BY THE CENSUS DIFFER FROM THE PROVINCIAL ELECTORAL DISTRICTS.

ED'S ARE CHANGED BY PARLIAMENT AFTER EACH DECENNIAL CENSUS, REFLECTING THE SHIFTS OF POPULATION IN THE COUNTRY. ED'S CAN CUT ACROSS COUNTIES AND MUNICIPALITIES, BUT NEVER ACROSS PROVINCES.

ACCORDING TO THE 1966 REDISTRIBUTION ACT, THERE ARE 264 ED'S IN CANADA.

SEE OFFICIAL CODES BELOW

RP ED

24 16 DRUMMOND
 24 18 FRONTENAC
 24 20 GASPE
 24 22 HOCHELAGA
 24 24 JOLIETTE
 24 26 LABELLE
 24 28 LAC-SAINT-JEAN
 24 30 LANGELIER
 24 32 LAPRAIRIE
 24 34 LAURIER
 24 36 LEVIS
 24 38 LOTBINIERE
 24 40 MAISONNEUVE-ROSEMONT
 24 42 MATANE
 24 44 BROME-MISSISQUOI
 24 46 MOUNT ROYAL
 24 48 OUTREMONT
 24 50 PONTIAC
 24 52 QUEBEC-EST
 24 54 RICHMOND
 24 56 ROBERVAL
 24 58 SAINT-HENRI
 24 60 SAINT-JACQUES
 24 62 SAINTE-MARIE
 24 64 SAINT-MICHEL
 24 66 SHERBROOKE
 24 68 TEMISCOUATA
 24 70 TROIS-RIVIERES
 24 72 VERDUN
 24 74 WESTMOUNT

RP ED

• 24 17 DUVERNAY
 • 24 19 GAMELIN
 • 24 21 GATINEAU
 • 24 23 HULL
 • 24 25 KAMOURASKA
 • 24 27 LACHINE
 • 24 29 LAFONTAINE
 • 24 31 LAPOINTE
 • 24 33 LASALLE
 • 24 35 LAVAL
 • 24 37 LONGUEUIL
 • 24 39 LOUIS-HEBERT
 • 24 41 MANICOUAGAN
 • 24 43 MERCIER
 • 24 45 MONTMORENCY
 • 24 47 NOTRE-DAME-DE-GRACE
 • 24 49 PAPINEAU
 • 24 51 PORTNEUF
 • 24 53 RICHELIEU
 • 24 55 RIMOUSKI
 • 24 57 SAINT-DENIS
 • 24 59 SAINT-HYACINTHE
 • 24 61 SAINT-JEAN
 • 24 63 SAINT-MAURICE
 • 24 65 SHEFFORD
 • 24 67 TEMISCAMINGUE
 • 24 69 TERREBONNE
 • 24 71 VAUDREUIL
 • 24 73 VILLENEUVE
 •

ONTARIO

RP ED

35 01 ALGOMA
 35 02 BRANT
 35 04 BRUCE
 35 06 DAVENPORT
 35 08 EGLINTON
 35 10 ESSEX
 35 12 FORT WILLIAM
 35 14 GLENGARRY-PRESCOTT-RUSSELL
 35 16 GRENVILLE-CARLETON
 35 18 HALTON

RP ED

• 35 03 BROADVIEW
 • 35 05 COCHRANE
 • 35 07 DON VALLEY
 • 35 09 ELGIN
 • 35 11 ETOBICOKE
 • 35 13 FRONTENAC-LENNOX-ADDINGTON
 • 35 15 GREENWOOD
 • 35 17 GREY-SIMCOE
 • 35 19 HALTON-WENTWORTH

RP ED

35 20 HAMILTON EAST
 35 22 HAMILTON-WENTWORTH
 35 24 HASTINGS
 35 26 HURON
 35 28 KENT-ESSEX
 35 30 KITCHENER
 35 32 LAMBTON-KENT
 35 34 LEEDS
 35 36 LONDON EAST
 35 38 MIDDLESEX
 35 40 NICKEL BELT
 35 42 NORFOLK-HALDIMAND
 35 44 ONTARIO
 35 46 OTTAWA-CARLETON
 35 48 OTTAWA EAST
 35 50 OXFORD
 35 52 PARRY SOUND-MUSKOKA
 35 54 PEEL SOUTH
 35 56 PETERBOROUGH
 35 58 PRINCE EDWARD-HASTINGS
 35 60 ROSEDALE
 35 62 SAULT STE. MARIE
 35 64 ST. PAUL'S
 35 66 SCARBOROUGH WEST
 35 68 SPADINA
 35 70 SUDBURY
 35 72 TIMISKAMING
 35 74 TRINITY
 35 76 WATERLOO
 35 78 WELLINGTON
 35 80 WINDSOR-WALKERVILLE
 35 82 YORK CENTRE
 35 84 YORK NORTH
 35 86 YORK-SIMCOE
 35 88 YORK WEST

RP ED

• 35 21 HAMILTON MOUNTAIN
 • 35 23 HAMILTON WEST
 • 35 25 HIGH PARK
 • 35 27 KENORA-RAINY RIVER
 • 35 29 KINGSTON AND THE ISLANDS
 • 35 31 TORONTO-LAKESHORE
 • 35 33 LANARK-RENFREW-CARLETON
 • 35 35 LINCOLN
 • 35 37 LONDON WEST
 • 35 39 NIAGARA FALLS
 • 35 41 NIPISSING
 • 35 43 NORTHUMBERLAND-DURHAM
 • 35 45 OSHAWA-WHITBY
 • 35 47 OTTAWA CENTRE
 • 35 49 OTTAWA WEST
 • 35 51 PARKDALE
 • 35 53 PEEL-DUFFERIN-SIMCOE
 • 35 55 PERTH-WILMOT
 • 35 57 PORT ARTHUR
 • 35 59 RENFREW NORTH
 • 35 61 SARNIA-LAMBTON
 • 35 63 ST. CATHARINES
 • 35 65 SCARBOROUGH EAST
 • 35 67 SIMCOE NORTH
 • 35 69 STORMONT-DUNDAS
 • 35 71 THUNDER BAY
 • 35 73 TIMMINS
 • 35 75 VICTORIA-HALIBURTON
 • 35 77 WELLAND
 • 35 79 WELLINGTON-GREY-DUFFERIN-WATERLOO
 • 35 81 WINDSOR WEST
 • 35 83 YORK EAST
 • 35 85 YORK-SCARBOROUGH
 • 35 87 YORK SOUTH
 •

MANITOBA

RP ED

46 01 BRANDON-SOURIS
 46 02 CHURCHILL
 46 04 LISGAR
 46 06 PORTAGE
 46 08 ST. BONIFACE
 46 10 WINNIPEG NORTH
 46 12 WINNIPEG SOUTH

RP ED

• 46 03 DAUPHIN
 • 46 05 MARQUETTE
 • 46 07 PROVENCHER
 • 46 09 SELKIRK
 • 46 11 WINNIPEG NORTH CENTRE
 • 46 13 WINNIPEG SOUTH CENTRE

SASKATCHEWAN

RP ED

47 01 ASSINIBOIA
 47 03 MACKENZIE
 47 05 MOOSE JAW
 47 07 QU'APPELLE-MOOSE MOUNTAIN
 47 09 REGINA-LAKE CENTRE
 47 11 SASKATOON-HUMBOLDT
 47 13 YORKTON-MELVILLE

RP ED

• 47 02 BATTLEFORD-KINDERSLEY
 • 47 04 MEADOW LAKE
 • 47 06 PRINCE ALBERT
 • 47 08 REGINA EAST
 • 47 10 SASKATOON-BIGGAR
 • 47 12 SWIFT CURRENT-MAPLE CREEK
 •

ALBERTA

RP ED

48 01 ATHABASCA
 48 02 BATTLE RIVER
 48 04 CALGARY NORTH
 48 06 CROWFOOT
 48 08 EDMONTON EAST
 48 10 EDMONTON WEST
 48 12 MEDICINE HAT
 48 14 PEACE RIVER
 48 16 RED DEER
 48 18 VEGREVILLE

RP ED

.
 . 48 03 CALGARY CENTRE
 . 48 05 CALGARY SOUTH
 . 48 07 EDMONTON CENTRE
 . 48 09 EDMONTON-STRATHCONA
 . 48 11 LETHBRIDGE
 . 48 13 PALLISER
 . 48 15 PEMBINA
 . 48 17 ROCKY MOUNTAIN
 . 48 19 WETASKIWIN

BRITISH COLUMBIA

RP ED

59 01 BURNABY-RICHMOND-DELTA
 59 03 CAPILANO
 59 05 COMOX-ALBERNI
 59 07 FRASER VALLEY EAST
 59 09 KAMLOOPS-CARIBOO
 59 11 NANAIMO-COWICHAN-THE ISLANDS
 59 13 OKANAGAN BOUNDARY
 59 15 PRINCE GEORGE-PEACE RIVER
 59 17 SURREY-WHITE ROCK
 59 19 VANCOUVER EAST
 59 21 VANCOUVER QUADRA
 59 23 VICTORIA

RP ED

. 59 02 BURNABY-SEYMOUR
 . 59 04 COAST CHILCOTIN
 . 59 06 ESQUIMALT-SAANICH
 . 59 08 FRASER VALLEY WEST
 . 59 10 KOOTENAY WEST
 . 59 12 NEW WESTMINSTER
 . 59 14 OKANAGAN-KOOTENAY
 . 59 16 SKEENA
 . 59 18 VANCOUVER CENTRE
 . 59 20 VANCOUVER KINGSWAY
 . 59 22 VANCOUVER SOUTH
 .

YUKON

RP ED

60 89 YUKON

.

NORTHWEST TERRITORIES

RP ED

61 99 NORTHWEST TERRITORIES

.

```

.....
. FIELD           3      :
. POSITION         5-7    :      ENUMERATION AREA
.                  :
.....

```

SPATIAL UNIT CANVASSED BY ONE CENSUS REPRESENTATIVE. IT IS DEFINED ACCORDING TO THE FOLLOWING CRITERIA:

- .POPULATION: AN EA MAY INCLUDE AS MANY AS 300 HOUSEHOLDS, DEPENDING ON ITS LOCATION.
- .NUMBER OF FARMS: AN EA ALWAYS INCLUDES FEWER THAN 100 FARMS.
- .LIMITS: AN EA BEING THE BUILDING BLOCK OF ALL STATISTICAL AREAS, NEVER CUTS ACROSS ANY AREA RECOGNIZED BY THE CENSUS. MOREOVER, EA BOUNDARIES ARE SUCH THAT THE CENSUS REPRESENTATIVE WILL BE ABLE TO LOCATE THEM WITHOUT DIFFICULTY, E.G., STREETS, ROADS, RAILWAYS, RIVERS AND LAKES ARE USED AS BOUNDARIES.

EA'S CHANGE FROM CENSUS TO CENSUS DUE TO POPULATION SHIFTS AND CHANGES OF ELECTORAL, MUNICIPAL AND STATISTICAL AREA BOUNDARIES. FOR THIS REASON, THE EA NUMBERING CHANGES FROM CENSUS TO CENSUS. CONVERSION TABLES ARE AVAILABLE FROM CUSTOMER SERVICES.

IDENTIFICATION OF A PARTICULAR EA REQUIRES FIRST THE PROVINCE CODE (2 DIGITS), THEN THE ED CODE (2 DIGITS) AND THE EA CODE (3 DIGITS) FOR A TOTAL OF 7 DIGITS.

VALID CODES: SEE OFFICIAL LIST.

```

.....
. FIELD           4      :
. POSITION         8-9    :      COUNTY OR CENSUS DIVISION
.                  :
.....

```

THE PROVINCIAL GOVERNMENTS OF PRINCE EDWARD ISLAND, NOVA SCOTIA, NEW BRUNSWICK AND QUEBEC HAVE DIVIDED THEIR TERRITORY INTO UNITS CALLED 'COUNTIES' OR 'CO.'. IN BRITISH COLUMBIA, A REVISION IN 1967 OF THE ADMINISTRATIVE STRUCTURE LED TO THE CREATION OF CENSUS DIVISIONS WHICH ARE CONSIDERED, FOR STATISTICAL PURPOSES, AS EQUIVALENT TO COUNTIES. IN ONTARIO, BESIDES THE TRADITIONAL COUNTIES, THERE ARE 'REGIONAL MUNICIPALITIES' AND 'DISTRICT MUNICIPALITIES' WHICH ARE TREATED AS COUNTIES IN THE TABLES.

IN SOME PROVINCES, THERE IS NO ADMINISTRATIVE LEVEL BETWEEN THE PROVINCE AND THE MUNICIPALITY. THIS IS WHY STATISTICS CANADA, IN COLLABORATION WITH THE PROVINCIAL GOVERNMENTS, HAS CREATED CENSUS DIVISIONS (CD'S) IN ALBERTA, SASKATCHEWAN, MANITOBA AND NEWFOUNDLAND FOR WHICH IT PROVIDES THE SAME DATA AS FOR COUNTIES.

ON THE WHOLE, COUNTIES AND THEIR EQUIVALENTS ARE STABLE UNITS WHICH ARE VERY USEFUL FOR THE PREPARATION OF HISTORICAL SERIES. HOWEVER, IT WILL BE IMPOSSIBLE TO MAKE A COMPARISON BETWEEN THE FORMER DIVISIONS AND THE NEW REGIONAL DISTRICTS IN BRITISH COLUMBIA, EXCEPT FOR THE TOTAL POPULATION COUNTS.

THERE ARE 256 COUNTIES COVERING THE WHOLE POPULATION OF CANADA. THESE CODES CONSIST OF 2 DIGITS FOR EACH CO. OR CD WITHIN A PROVINCE. THE COUNTIES ARE NUMBERED IN ALPHABETICAL ORDER, WHILE THE NUMBERING OF THE DIVISIONS FOLLOWS A ZIGZAG PATTERN.

THE CO. AND CD CODES COME HIERARCHICALLY AFTER THAT OF THE PROVINCE IN WHICH THEY ARE LOCATED, AND BEFORE THAT OF THEIR CONSTITUENT MUNICIPALITIES; THUS, IDENTIFICATION OF A PARTICULAR CO. OR CD REQUIRES FIRST THE STANDARD GEOGRAPHIC CODE OF THE PROVINCE (2 DIGITS), FOLLOWED BY THE 2 DIGITS OF THE CO. OR CD ITSELF, I.E., A TOTAL OF 4 DIGITS.

SEE OFFICIAL CODES BELOW

.....
 :
 : LIST OF COUNTIES AND CENSUS DIVISIONS :
 :

NEWFOUNDLAND

RP	CD		RP	CD	
10	01	DIVISION NO.01	.		
10	02	DIVISION NO.02	.	10 03	DIVISION NO.03
10	04	DIVISION NO.04	.	10 05	DIVISION NO.05
10	06	DIVISION NO.06	.	10 07	DIVISION NO.07
10	08	DIVISION NO.08	.	10 09	DIVISION NO.09
10	10	DIVISION NO.10	.		

PRINCE-EDWARD-ISLAND

RP	CD		RP	CD	
11	01	KINGS	.		
11	02	PRINCE	.	11 03	QUEENS

NOVA SCOTIA

RP	CD		RP	CD	
12	01	ANNAPOLIS	•	12 02	ANTIGONISH
12	03	CAPE BRETON	•	12 04	COLCHESTER
12	05	CUMBERLAND	•	12 06	DIGBY
12	07	GUYSBOROUGH	•	12 08	HALIFAX
12	09	HANTS	•	12 10	INVERNESS
12	11	KINGS	•	12 12	LUNENBURG
12	13	PICTOU	•	12 14	QUEENS
12	15	RICHMOND	•	12 16	SHEL BURNE
12	17	VICTORIA	•	12 18	YARMOUTH

NEW BRUNSWICK

RP	CD		RP	CD	
13	01	ALBERT	•	13 02	CARLETON
13	03	CHARLOTTE	•	13 04	GLOUCESTER
13	05	KENT	•	13 06	KINGS
13	07	MADAWASKA	•	13 08	NORTHUMBERLAND
13	09	QUEENS	•	13 10	RESTIGOUCHE
13	11	ST. JOHN	•	13 12	SUNBURY
13	13	VICTORIA	•	13 14	WESTMORLAND
13	15	YORK	•		

QUEBEC

RP	CD		RP	CD	
24	01	ABITIBI	•		
24	02	ARGENTEUIL	•	24 03	ARTHABASKA
24	04	BAGOT	•	24 05	BEAUCE
24	06	BEAUHARNOIS	•	24 07	BELLECHASSE
24	08	BERTHIER	•	24 09	BONAVENTURE
24	10	BROME	•	24 11	CHAMBLY
24	12	CHAMPLAIN	•	24 13	CHARLEVOIX-EST
24	14	CHARLEVOIX-OUEST	•	24 15	CHATEAUGUAY
24	16	CHICOUTIMI	•	24 17	COMPTON
24	18	DEUX-MONTAGNES	•	24 19	DORCHESTER
24	20	DRUMMOND	•	24 21	FRONTENAC
24	22	GASPE-EST	•	24 23	GASPE-OUEST
24	24	GATINEAU	•	24 25	HULL
24	26	HUNTINGDON	•	24 27	IBERVILLE
24	28	ILE-DE-MONTREAL ET ILE-JESUS	•	24 29	ILES-DE-LA-MADELEINE
24	30	JOLIETTE	•	24 31	KAMOURASKA
24	32	LABELLE	•	24 33	LAC-ST-JEAN-EST
24	34	LAC-ST-JEAN-OUEST	•	24 35	LAPRAIRIE

RP CD

24 36 L'ASSOMPTION
 24 38 L' ISLET
 24 40 MASKINONGE
 24 42 MATAPEDIA
 24 44 MISSISQUOI
 24 46 MONTMAGNY
 24 48 MONTMORENCY NO 2
 24 50 NICOLET
 24 52 PONTIAC
 24 54 QUEBEC
 24 56 RICHMOND
 24 58 RIVIERE-DU-LOUP
 24 60 SAGUENAY
 24 62 ST-JEAN
 24 64 SHEFFORD
 24 66 SOULANGES
 24 68 TEMISCAMINGUE
 24 70 TERREBONNE
 24 72 VERCHERES
 24 74 YAMASKA

RP CD

• 24 37 LEVIS
 • 24 39 LOTBINIERE
 • 24 41 MATANE
 • 24 43 MEGANTIC
 • 24 45 MONTCALM
 • 24 47 MONTMORENCY NO 1
 • 24 49 NAPIERVILLE
 • 24 51 PAPINEAU
 • 24 53 PORTNEUF
 • 24 55 RICHELIEU
 • 24 57 RIMOUSKI
 • 24 59 ROUVILLE
 • 24 61 ST-HYACINTHE
 • 24 63 ST-MAURICE
 • 24 65 SHERBROOKE
 • 24 67 STANSTEAD
 • 24 69 TEMISCOUATA
 • 24 71 VAUDREUIL
 • 24 73 WOLFE

ONTARIO

RP CD

35 01 ALGOMA
 35 02 BRANT
 35 04 COCHRANE
 35 06 DUNDAS
 35 08 ELGIN
 35 10 FRONTENAC
 35 12 GRENVILLE
 35 14 HALDIMAND
 35 16 HALTON
 35 18 HURON
 35 20 KENT
 35 22 LANARK
 35 24 LENNOX AND ADDINGTON
 35 26 MIDDLESEX
 35 28 NIAGARA
 35 30 NORFOLK
 35 32 ONTARIO
 35 34 OXFORD
 35 36 PEEL
 35 38 PETERBOROUGH
 35 40 PRINCE EDWARD
 35 42 RENFREW
 35 44 SIMCOE
 35 46 SUDBURY
 35 48 TIMISKAMING
 35 50 VICTORIA
 35 52 WELLINGTON
 35 54 YORK

RP CD

• 35 03 BRUCE
 • 35 05 DUFFERIN
 • 35 07 DURHAM
 • 35 09 ESSEX
 • 35 11 GLENGARRY
 • 35 13 GREY
 • 35 15 HALIBURTON
 • 35 17 HASTINGS
 • 35 19 KENORA
 • 35 21 LAMBTON
 • 35 23 LEEDS
 • 35 25 MANITOULIN
 • 35 27 MUSKOKA
 • 35 29 NIPISSING
 • 35 31 NORTHUMBERLAND
 • 35 33 OTTAWA-CARLETON
 • 35 35 PARRY SOUND
 • 35 37 PERTH
 • 35 39 PRESCOTT
 • 35 41 RAINY RIVER
 • 35 43 RUSSELL
 • 35 45 STORMONT
 • 35 47 THUNDER BAY
 • 35 49 TORONTO
 • 35 51 WATERLOO
 • 35 53 WENTWORTH

MANITOBA

RP CD			RP CD	
46 01	DIVISION NO.01	.		
46 02	DIVISION NO.02	.	46 03	DIVISION NO.03
46 04	DIVISION NO.04	.	46 05	DIVISION NO.05
46 06	DIVISION NO.06	.	46 07	DIVISION NO.07
46 08	DIVISION NO.08	.	46 09	DIVISION NO.09
46 10	DIVISION NO.10	.	46 11	DIVISION NO.11
46 12	DIVISION NO.12	.	46 13	DIVISION NO.13
46 14	DIVISION NO.14	.	46 15	DIVISION NO.15
46 16	DIVISION NO.16	.	46 17	DIVISION NO.17
46 18	DIVISION NO.18	.	46 19	DIVISION NO.19
46 20	DIVISION NO.20	.		

SASKATCHEWAN

RP CD			RP CD	
47 01	DIVISION NO.01	.		
47 02	DIVISION NO.02	.	47 03	DIVISION NO.03
47 04	DIVISION NO.04	.	47 05	DIVISION NO.05
47 06	DIVISION NO.06	.	47 07	DIVISION NO.07
47 08	DIVISION NO.08	.	47 09	DIVISION NO.09
47 10	DIVISION NO.10	.	47 11	DIVISION NO.11
47 12	DIVISION NO.12	.	47 13	DIVISION NO.13
47 14	DIVISION NO.14	.	47 15	DIVISION NO.15
47 16	DIVISION NO.16	.	47 17	DIVISION NO.17
47 18	DIVISION NO.18	.		

ALBERTA

RP CD			RP CD	
48 01	DIVISION NO.01	.		
48 02	DIVISION NO.02	.	48 03	DIVISION NO.03
48 04	DIVISION NO.04	.	48 05	DIVISION NO.05
48 06	DIVISION NO.06	.	48 07	DIVISION NO.07
48 08	DIVISION NO.08	.	48 09	DIVISION NO.09
48 10	DIVISION NO.10	.	48 11	DIVISION NO.11
48 12	DIVISION NO.12	.	48 13	DIVISION NO.13
48 14	DIVISION NO.14	.	48 15	DIVISION NO.15


```

.....
. FIELD           6 .
. POSITION 12-13 .
. SUBDIVISION .
.....
    
```

SUBDIVISION AND SECTION OF A MUNICIPALITY.

VALID CODES IN POSITION 12 13	DESCRIPTION
A 0	CITIES, TOWNS, VILLAGES AND RURAL MUNICIPALITIES.
A Z	INDIAN RESERVES.
A X	UNORGANIZED TERRITORIES.
A-W 0	NFLD., N.S., ALTA RURAL AND SPECIAL IMPROVEMENT DISTRICT.
A-W X	NFLD., N.S., ALTA UNORGANIZED TERRITORIES.
A-H 1-9	RURAL MUNICIPALITIES OF ST. JOHN'S AND HALIFAX.

POSITION 12: REPRESENTS A CENSUS SUBDIVISION, IF ANY, IN A MUNICIPALITY.
 POSITION 13: REPRESENTS A SECTION IN THE CENSUS SUBDIVISION.

```

.....
. FIELD           7 .
. POSITION 14 .
. RURAL/URBAN MUNICIPALITY .
.....
    
```

CODE	DESCRIPTION
1 :	RURAL: ALL PARTS OF INCORPORATED RURAL MUNICIPALITIES, UNORGANIZED TERRITORIES. INDIAN RESERVES HAVING A POPULATION DENSITY OF LESS THAN 1000 PER SQUARE MILE. INCORPORATED CITIES, TOWNS AND VILLAGES WITH POPULATION LESS THAN 1000. MOST OF THE AREAS DESCRIBED AS 'RURAL' BY THE CENSUS HAVE TYPICAL RURAL CHARACTERISTICS: LOW POPULATION DENSITY, FARMS OR WOODED LAND.
2 :	CTV : CITY, TOWN, VILLAGE. MUNICIPALITY CREATED AND GOVERNED ACCORDING TO A PROVINCIAL MUNICIPAL ACT WHICH DIFFERS FROM PROVINCE TO PROVINCE. MUNICIPALITY COMPLETELY URBAN. CTV ARE CONSIDERED AS URBAN WHEN THE POPULATION IS 1000 OR OVER.
3-4 :	URBAN: MUNICIPALITY WHICH IS NOT A CTV BUT HAS AT LEAST AN URBAN PART, I.E. THE MUNICIPALITY, OR A PORTION THEREOF, COMPOSED OF COMPLETE ENUMERATION AREAS, IS CLASSIFIED AS EITHER RURAL OR URBAN.

```

.....
: FIELD           8           : CENSUS METROPOLITAN AREA
: POSITION        15-17       : AND CENSUS AGGLOMERATION
:
.....

```

CENSUS AGGLOMERATION:

STATISTICAL AREA HAVING AN URBAN CENTRE OF OVER 1,000 POPULATION WITH AN ADJACENT BUILT-UP AREA OF AT LEAST 1,000 POPULATION AND A MINIMUM DENSITY OF 1,000 PERSONS PER SQUARE MILE. THE LARGEST URBAN CENTRE AND ITS ADJACENT URBAN PART MUST BE IN TWO DIFFERENT MUNICIPALITIES AND CONSTITUTE A CONTINUOUS BUILT-UP AREA WITH NO SEPARATION GREATER THAN ONE MILE. THE POPULATION OF THE URBANIZED CORE MUST BE AT LEAST 2,000. AREAS WITH AN URBANIZED CORE OF 100,000 OR OVER ARE CENSUS METROPOLITAN AREAS. THE MAIN USE OF CA'S IS TO PROVIDE DATA FOR CLOSELY RELATED URBAN COMMUNITIES SEPARATED FROM EACH OTHER ONLY BY ADMINISTRATIVE LIMITS.

CENSUS AGGLOMERATIONS ARE MADE UP OF COMPLETE MUNICIPALITIES IN ORDER TO ENSURE COMPARABILITY WITH OTHER SOURCES OF INFORMATION. IT IS POSSIBLE, THEREFORE, THAT A CENSUS AGGLOMERATION MAY INCLUDE SOME RURAL POPULATION.

THERE ARE 87 CA'S, DISTRIBUTED AS FOLLOWS:

MARITIMES, 17; QUEBEC, 32; ONTARIO, 22; WESTERN PROVINCES, 16.

VALID CODES: 032-315
SEE OFFICIAL CODES BELOW

CENSUS METROPOLITAN AREA:

MAIN LABOUR MARKET AREA OF A CONTINUOUS BUILT-UP AREA HAVING 100,000 OR MORE POPULATION. CMA'S ARE CREATED BY STATISTICS CANADA AND ARE USUALLY KNOWN BY THE NAME OF THEIR LARGEST CITY. THEY CONTAIN WHOLE MUNICIPALITIES (OR CENSUS SUBDIVISIONS).

THE MAIN LABOUR MARKET AREA CORRESPONDS TO A COMMUTING FIELD OR A ZONE WHERE A SIGNIFICANT NUMBER OF PEOPLE ARE ABLE TO TRAVEL ON A DAILY BASIS TO WORK PLACES IN THE MAIN BUILT-UP AREA. A CMA COMPRISES: (1) MUNICIPALITIES COMPLETELY OR PARTLY INSIDE THE CONTINUOUS BUILT-UP AREA AND (2) MUNICIPALITIES LYING WITHIN A 20-MILE RADIUS OF THE LIMITS OF THE CONTINUOUS BUILT-UP AREA, IF (A) THE PERCENTAGE OF LABOUR FORCE IN PRIMARY ACTIVITIES IS SMALLER THAN THE NATIONAL AVERAGE, AND (B) THE PERCENTAGE OF POPULATION INCREASE FOR 1956-1966 IS LARGER THAN THE AVERAGE FOR THE 1966 CMA. WHEN ONLY (A) OR (B) IS MET, MUNICIPALITIES ARE INCLUDED IF THEY ARE ACCESSED BY A PROVINCIAL OR FEDERAL HIGHWAY.

THERE ARE 22 CMA'S EACH HAVING AN URBANIZED CORE, LARGEST CITY, REMAINDER AND FRINGE, URBAN AND RURAL PARTS.

VALID CODES: 001-026
SEE OFFICIAL CODES BELOW

.....
 . CENSUS METROPOLITAN AREA AND CENSUS AGGLOMERATION LIST .

POPULATION

100,000 AND MORE

001 CALGARY ALTA .
 003 EDMONTON ALTA .
 005 HAMILTON ONT .
 007 LONDDN ONT .
 010 OTTAWA-HULL .
 012 REGINA SASK .
 014 ST. JOHN'S NFLD .
 016 SASKATOON SASK .
 020 THUNDER BAY ONT .
 023 VANCOUVER BC .
 025 WINDSOR ONT .

50,000-99,999

032 BRANTFORD ONT .
 038 KINGSTON ONT .
 041 OSHAWA ONT .
 043 SARNIA ONT .
 045 SHAWINIGAN QUE .
 047 SYDNEY NS .

25,000-49,999

051 BAIE-COMEAU QUE .
 053 CHARLOTTETOWN PEI .
 055 DRUMMONDVILLE QUE .
 058 GRANBY QUE .
 062 KAMLOOPS BC .
 065 MEDICINE HAT ALTA .
 069 PORT ALBERNI BC .
 072 RIMOUSKI QUE .
 074 ST-HYACINTHE QUE .
 076 ST-JEROME QUE .
 078 SYDNEY MINES NS .
 080 TIMMINS ONT .
 083 VALLEYFIELD QUE .

POPULATION

100,000 AND MORE

002 CHICOUTIMI-JONQUIERE QUE
 004 HALIFAX NS
 006 KITCHENER ONT
 008 MONTREAL QUE
 011 QUEBEC QUE
 013 ST. CATHARINES ONT
 015 SAINT JOHN NB
 019 SUDBURY ONT
 021 TORONTO ONT
 024 VICTORIA BC
 026 WINNIPEG MAN

50,000-99,999

037 GUELPH ONT
 040 MONCTON NB
 042 PETERBOROUGH ONT
 044 SAULT STE. MARIE ONT
 046 SHERBROOKE QUE
 048 TROIS-RIVIERES QUE

25,000-49,999

052 BARRIE ONT
 054 CHILLIWACK BC
 057 FREDERICTON NB
 061 JOLIETTE QUE
 063 KELOWNA BC
 067 NANAIMO BC
 071 PRINCE GEORGE BC
 073 RJOYUN QUE
 075 ST-JEAN QUE
 077 SOREL QUE
 079 THETFORD MINES QUE
 081 TRENTON ONT
 084 VICTORIAVILLE QUE

POPULATION

POPULATION

10,000-24,999

10,000-24,999

102	ARNPRIOR ONT	•
105	CAMPBELLTON NB	•
110	COURTENAY BC	•
115	FLIN FLON MAN	•
118	HAILEYBURY ONT	•
123	KENORA ONT	•
125	LABRADOR CITY NFLD	•
129	MAGOG QUE	•
132	NEWCASTLE NB	•
134	NEW HAMBURG ONT	•
137	PEMBROKE ONT	•
141	PRINCE RUPERT BC	•
148	SMITHS FALLS ONT	•
152	TERRACE BC	•
155	TRURO NS	•
160	WILLIAMS LAKE BC	•

103	ASBESTOS QUE
108	COBBOURG ONT
112	DOLBEAU QUE
116	GRAND FALLS NFLD
119	HAWKESBURY ONT
124	KENTVILLE NS
126	LACHUTE QUE
130	MIDLAND ONT
133	NEW GLASGOW NS
135	NORTH BATTLEFORD SASK
139	PETAWAWA ONT
145	ST-GEORGES QUE
150	SUMMERSIDE PEI
154	TRAIL BC
157	VAL-D'OR QUE

5,000-9,999

5,000-9,999

204	BEAUPRE QUE	•
206	BLAIRMORE ALTA	•
209	CASTLEGAR BC	•
215	FERGUS ONT	•
223	LA MALBAIE QUE	•
236	ST. STEPHEN NB	•

208	CARBONEAR NFLD
213	DONNACONA QUE
220	HAPPY VALLEY NFLD
232	PORT ELGIN ONT

2,000-4,999

2,000-4,999

302	BEAUCEVILLE QUE	•
304	DUNVILLE NFLD	•
306	FORESTVILLE QUE	•
312	PIERREVILLE QUE	•
315	ROCK ISLAND QUE	•

305	EAST BROUGHTON STATION QUE
309	HEBERTVILLE-STATION QUE
314	PORTNEUF QUE

```

.....
. FIELD          9      :
. POSITION    18-20  :
.              :
.              :
.....
                CENSUS TRACT
                :
                :
                :
.....

```

ALMOST ALL OF THE CENSUS METROPOLITAN AREAS (CMA) AND CENSUS AGGLOMERATIONS (CA) OF 50,000 POPULATION OR MORE IN 1966 WERE SUBDIVIDED INTO CENSUS TRACTS IN 1971. CENSUS TRACTS ARE SMALL PERMANENT STATISTICAL AREAS DELINEATED BY STATISTICS CANADA ACCORDING TO THE FOLLOWING CRITERIA:

- A POPULATION BETWEEN 2,500 AND 8,000 EXCEPT FOR TRACTS IN THE CENTRAL BUSINESS DISTRICT OR INSTITUTIONAL TRACTS WHICH MAY HAVE A LOWER POPULATION.
- AN AREA THAT IS AS HOMOGENEOUS AS POSSIBLE IN TERMS OF ECONOMIC STATUS AND SOCIAL LIVING CONDITIONS.
- BOUNDARIES THAT FOLLOW PERMANENT AND EASILY RECOGNIZED LINES ON THE GROUND.
- AS MUCH AS POSSIBLE, A COMPACT SHAPE.

THE BOUNDARIES ARE TO BE CHANGED AS LITTLE AS POSSIBLE ALTHOUGH SOME MODIFICATIONS HAVE TAKEN PLACE AND THE NUMBERING SYSTEM WAS COMPLETELY REVISED IN 1971. CONVERSION TABLES FOR THIS NEW NUMBERING SYSTEM ARE PUBLISHED IN THE CENSUS TRACT BULLETINS.

EACH CENSUS TRACT IS DEFINED BY A THREE DIGIT CMA/CA CODE AND A THREE DIGIT CT CODE. APPROXIMATELY 60 PERCENT OF CANADA'S POPULATION IS INCLUDED IN THE CENSUS TRACTS.

VALID CODES: SEE OFFICIAL LIST.

```

.....
. FIELD          10      .
. POSITION        21      .
.                  .
.                  .
.....

```

CMA/CA PART

THIS TERM IS USED FOR ALL CENSUS METROPOLITAN AREAS AND CENSUS AGGLOMERATIONS. THE PARTS ARE ALWAYS MADE UP OF COMPLETE ENUMERATION AREAS BUT OFTEN COMPRISE ONLY PARTS OF MUNICIPALITIES. THIS SITUATION MAY CREATE PROBLEMS IN THE DETERMINATION OF BOUNDARIES.

BLANK	AREA NOT PART OF A CMA/CA
1	AREA IS PART OF THE LARGEST CITY IN THE URBANIZED CORE
2	AREA IS PART OF THE REMAINDER OF URBANIZED CORE
3	AREA IS PART OF THE URBAN FRINGE
4	AREA IS PART OF THE RURAL FRINGE

```

.....
. FIELD          11      .
. POSITION        22      .
.                  .
.                  .
.....

```

MUNICIPALITY SIZE CODE

CLASSIFICATION CALCULATED BY COMPUTER AND BASED ON THE TOTAL POPULATION IN A MUNICIPALITY. IT IS USED IN THE PREPARATION OF TABLES LIMITED TO MUNICIPALITIES OF A CERTAIN SIZE. IT DISTINGUISHES BETWEEN THE URBAN CATEGORY AND THE RURAL CATEGORY. IF ALL THE MUNICIPALITY PARTS ARE URBAN, THE MUNICIPALITY IS GIVEN AN URBAN SIZE CODE. HOWEVER, IF ONE OF THE PARTS IS RURAL, THE MUNICIPALITY IS ASSIGNED A RURAL CODE. THE UNORGANIZED PARTS WITHIN A COUNTY OR CENSUS DIVISION AND THE INDIAN RESERVES WITHIN THE SAME AREAS ARE GROUPED TOGETHER AND GIVEN THE RURAL SIZE CODE '8' (LESS THAN 1000) REGARDLESS OF THEIR ACTUAL POPULATION.

TOTAL POPULATION OF THE MUNICIPALITY	URBAN AREA	RURAL AREA
500,000 AND UP	A	1
100,000 TO 499,999	B	2
30,000 TO 99,999	C	3
10,000 TO 29,999	D	4
5,000 TO 9,999	E	5
2,500 TO 4,999	F	6
1,000 TO 2,499	G	7
LESS THAN 1,000	H	8

NOTE: THE CALCULATIONS MADE USING THIS VARIABLE WILL NOT GIVE DATA COMPARABLE TO THE PUBLISHED DATA AT THE RURAL OR URBAN LEVEL.

FIELD	12	RURAL/URBAN SIZE CODE
POSITION	23	

- RURAL**
- .ALL PARTS OF INCORPORATED RURAL MUNICIPALITIES, UNORGANIZED TERRITORIES AND INDIAN RESERVES HAVING A POPULATION DENSITY OF LESS THAN 1000 PER SQUARE MILE.
 - .INCORPORATED CITIES, TOWNS AND VILLAGES WITH POPULATION LESS THAN 1000.
 - .MOST OF THE AREAS DESCRIBED AS 'RURAL' BY THE CENSUS HAVE TYPICAL RURAL CHARACTERISTICS: LOW POPULATION DENSITY, FARMS OR WOODED LAND.
 - .IT MAY HAPPEN, HOWEVER, THAT SOME AREAS WITH RURAL CHARACTERISTICS ARE CLASSED AS URBAN BECAUSE OF THEIR LEGAL STATUS AND THEIR POPULATION TOTAL.

- URBAN**
- I. INCORPORATED MUNICIPALITIES WITH A POPULATION OF 1000 OR OVER AND HAVING THE LEGAL STATUS OF CITY, TOWN OR VILLAGE.
 - II. UNINCORPORATED PLACES OF 1000 OR OVER, HAVING A POPULATION DENSITY OF AT LEAST 1000 PER SQUARE MILE.
 - III. THE URBANIZED FRINGE OF (I) OR (II), IF IT HAS A MINIMUM POPULATION OF 1000 AND A DENSITY OF AT LEAST 1000 PER SQUARE MILE.
 - IV. AN URBAN AREA IN CATEGORY (II) OR (III) HAS URBAN CHARACTERISTICS I.E. HIGH POPULATION DENSITY, CONTIGUITY OF SETTLEMENTS, AND, IF ANY, VERY FEW FARMS.
 - V. AREAS IN CATEGORY (I), HOWEVER, MAY HAVE MUCH OF THEIR SPACE OCCUPIED BY FARMS.

POPULATION	URBAN AREA	RURAL AREA
500,000 AND UP	A	1
100,000 TO 499,999	B	1
30,000 TO 99,999	C	1
10,000 TO 29,999	D	1
5,000 TO 9,999	E	1
2,500 TO 4,999	F	1
1,000 TO 2,499	G	1
LESS THAN 1,000	-	1

NOTE: THE CALCULATIONS MADE USING THIS VARIABLE WILL GIVE DATA COMPARABLE TO THE PUBLISHED DATA AT THE RURAL OR URBAN LEVEL.

FIELD	13	REFERENCE CODE
POSITION	24-25	

THIS CODE IS USED TO IDENTIFY THE RURAL MUNICIPALITY IN WHICH A CITY, TOWN, VILLAGE OR INDIAN RESERVE IS LOCATED. IT CONSISTS OF TWO DIGITS AND MAKES IT POSSIBLE TO IDENTIFY ALL THE MUNICIPALITIES LOCATED WITHIN A RURAL MUNICIPALITY. CERTAIN LARGE URBAN AREAS ACCOUNTING FOR APPROXIMATELY TWENTY PERCENT OF THE POPULATION DO NOT HAVE REFERENCE CODES.

VALID CODES: SEE OFFICIAL LIST.

FIELD	14	ECONOMIC REGION OF STATISTICS CANADA
POSITION	26-27	

THE ECONOMIC REGIONS OF STATISTICS CANADA ARE RECENTLY CREATED INTRAPROVINCIAL AREAS ESTABLISHED FOR STATISTICAL PURPOSES. UNLIKE METROPOLITAN AREAS AND AGGLOMERATIONS, THEY COVER THE WHOLE COUNTRY AND WERE DELINEATED IN CO-OPERATION WITH PROVINCIAL AUTHORITIES.

THESE AREAS WERE CREATED IN ORDER TO OFFER A WIDE VARIETY OF SUBPROVINCIAL DATA FOR A SYSTEM OF COMPARABLE UNITS. TWO CONCEPTS WERE USED AS A BASIS FOR DELINEATION: HOMOGENEITY AND FUNCTION.

IN ORDER TO FACILITATE THE COMPARABILITY OF DATA FROM VARIOUS SOURCES, WHOLE COUNTIES (OR DIVISIONS) ARE GENERALLY INCLUDED AND, TO MAKE COMPARISONS POSSIBLE FROM ONE YEAR TO ANOTHER, IT HAS BEEN AGREED THAT THEIR BOUNDARIES REMAIN CONSTANT FROM ONE CENSUS TO THE NEXT.

THE ECONOMIC REGION CODE CONSISTS OF TWO DIGITS, IDENTIFYING EACH REGION WITHIN A PROVINCE. IDENTIFICATION OF A REGION REQUIRES FIRST THE PROVINCE CODE FOLLOWED BY THE ECONOMIC REGION CODE.

VALID CODES: SEE OFFICIAL LIST.


```

.....
. FIELD          15      .
. POSITION      28-29    .      CANADA MANPOWER CENTRE AREA CODE
.
.....
    
```

CANADA MANPOWER CENTRE AREAS ARE DELINEATED BY THE DEPARTMENT OF MANPOWER AND IMMIGRATION.

THIS CODE IS UTILISED BY CANADA MANPOWER FOR ADMINISTRATIVE PURPOSES. BECAUSE OF ITS RAPIDLY CHANGING NATURE, THE CODE IS OBSOLETE IN THIS FILE AND ITS USE IS NOT RECOMMENDED.

```

.....
. FIELD          16      .
. POSITION      30-33    .      CITY, TOWN, VILLAGE
.
.....
    
```

A FOUR DIGIT NUMERIC CODE ASSIGNED ONLY TO CITIES, TOWNS AND VILLAGES SORTED IN ALPHABETICAL ORDER BY NAME. THE MAIN PURPOSE OF THIS CODE WAS THE PRODUCTION OF PUBLICATIONS.

A CITY, TOWN OR VILLAGE IS A MUNICIPALITY CREATED AND GOVERNED ACCORDING TO A PROVINCIAL MUNICIPAL ACT WHICH DIFFERS FROM PROVINCE TO PROVINCE. CITIES, TOWNS AND VILLAGES WITH A POPULATION OF 1,000 AND OVER ARE CONSIDERED AS URBAN FOR CENSUS PURPOSES.

CITIES AND TOWNS EXIST IN ALL PROVINCES. VILLAGES EXIST IN ALL PROVINCES, EXCEPT NEWFOUNDLAND, NOVA SCOTIA AND YUKON. THERE ARE 180 CITIES, 771 TOWNS AND 1,171 VILLAGES IN CANADA.

```

.....
. FIELD          17      .
. POSITION      34-36    .      CMA/CA
.
.....
    
```

CASPER CODE EQUAL TO THE CENSUS METROPOLITAN AREA/CENSUS AGGLOMERATION CODE (FIELD 8, POSITION 15 - 17)

BLANK	NOT PART OF A CMA/CA	
001 - 030	METROPOLITAN AREAS WITH CENSUS TRACTS	
031 - 049	CENSUS AGGLOMERATIONS WITH CENSUS TRACTS	
050 - 099	CENSUS AGGLOMERATIONS WITH POPULATION	25,000 - 49,999
100 - 199	CENSUS AGGLOMERATIONS WITH POPULATION	10,000 - 24,999
200 - 299	CENSUS AGGLOMERATIONS WITH POPULATION	5,000 - 9,999
300 - 399	CENSUS AGGLOMERATIONS WITH POPULATION	1,000 - 4,999


```
.....  
: FIELD      27  :  
: POSITION    48  : LARGEST CITY CODE  
:.....
```

CASPER CODE DERIVED FROM THE METROPOLITAN AREA/CENSUS AGGLOMERATION CODE
(FIELD 10, POSITION 21)

- 0 : AREA IS PART OF THE LARGEST CITY IN THE URBANIZED CORE (POSITION 21=1)
- 1 : AREA IS PART OF THE REMAINDER OF URBANIZED CORE (POSITION 21=2)
- BLANK : AREA IS PART OF THE RURAL OR URBAN FRINGE, OR IS NOT PART OF A CMA/CA
(POSITION 21=3,4 OR BLANK)

SECTION

D

EXPLANATORY NOTES

RANDOM ROUNDING

THE STATISTICS ACT STATES THAT NO EMPLOYEE OF STATISTICS CANADA '... SHALL DISCLOSE OR KNOWINGLY CAUSE TO BE DISCLOSED BY ANY MEANS, ANY INFORMATION OBTAINED UNDER THIS ACT IN SUCH A MANNER THAT IT IS POSSIBLE FROM SUCH DISCLOSURE TO RELATE THE PARTICULARS OBTAINED TO ANY INDIVIDUAL PERSON, BUSINESS OR ORGANIZATION' (SECTION 16(1)(B), STATISTICS ACT 1970). THE DEVELOPMENT OF NEW DATA STORAGE SYSTEMS AND FLEXIBLE, GENERALIZED RETRIEVAL SOFTWARE, AND THE SIZE OF THE 1971 CENSUS TABULATION AND PUBLICATION PROGRAM HAVE MADE IT DIFFICULT TO USE MANUAL METHODS TO ENSURE COMPLIANCE WITH THE STATISTICS ACT. THUS, A TECHNIQUE KNOWN AS 'RANDOM ROUNDING' IS APPLIED AT THE FINAL STAGE OF TABULATIONS FOR ALL 1971 CENSUS TABULATIONS (INCLUDING USER SUMMARY TAPES). THE RANDOM ROUNDING IS ON A BASE 5 SO ALL FIGURES APPEARING IN TABULATIONS OR PUBLICATIONS WILL BE MULTIPLES OF 5, I.E., THE UNIT DIGIT IS EITHER '0' OR '5'.

ALTHOUGH THE TABLES SUBJECTED TO RANDOM ROUNDING APPEAR SIMILAR TO TABLES WHOSE ENTRIES HAVE BEEN CONVENTIONALLY ROUNDED, THE PROCESS IS DIFFERENT. IN RANDOM ROUNDING, THE DECISION AS TO WHETHER THE LAST DIGIT IN A NUMBER WILL BE ROUNDED UP OR DOWN (TO A ZERO OR A FIVE) IS DETERMINED BY CHANCE RATHER THAN BY RULES BASED ON THE VALUE OF THE NUMBER. THIS ASPECT OF THE PROCESS INTRODUCES SUFFICIENT UNCERTAINTY INTO THE LAST DIGIT OF THE NUMBER TO PROVIDE THE NECESSARY PROTECTION AGAINST DIRECT AND RESIDUAL DISCLOSURE. IT IS THEREFORE IMPOSSIBLE TO ATTRIBUTE INFORMATION TO AN IDENTIFIABLE INDIVIDUAL DIRECTLY BY MANIPULATION OF SEVERAL TABLES. THE COUNT FOR ALL DATA CELLS (INCLUDING TOTALS) IS COMPUTED PRIOR TO ROUNDING AND CONSEQUENTLY THE TOTALS (INDEPENDENTLY ROUNDED) MAY NOT EXACTLY AGREE WITH THE SUM OF ROUNDED ELEMENTS WHICH ARE INCLUDED IN THE TOTALS. THE RANDOM FEATURE PREVENTS THE DERIVATION OF THE ORIGINAL FIGURES BY COMPARING TABLE CELLS WITH THE INDEPENDENT ROUNDED TOTALS AND ALSO MAKES THE SUM OF ROUNDED NUMBERS AN UNBIASED ESTIMATE OF THE SUM OF THE ORIGINAL NUMBERS.

THE PROBABILITY OF ROUNDING UP OR DOWN IS DETERMINED BY THE REMAINDER (R) OBTAINED WHEN THE NUMBER IS DIVIDED BY FIVE (5). THE PROBABILITY OF ROUNDING UP TO THE NEXT HIGHER MULTIPLE OF 5 IS $R/5$ AND THE PROBABILITY OF ROUNDING DOWN IS $1 - R/5$. THE FOLLOWING PROBABILITIES APPLY WITH A BASE 5 ROUNDING:

LAST DIGIT OF TRUE COUNT	PROBABILITY OF ROUNDING	
	UP	DOWN
0 OR 5	0	0
1 OR 6	.2	.8
2 OR 7	.4	.6
3 OR 8	.6	.4
4 OR 9	.8	.2

TO TAKE AN OVER-SIMPLIFIED EXAMPLE, SUPPOSE ONE WISHES TO ESTIMATE THE NUMBER OF MALES AGED 35-44 WITH AN INCOME IN EXCESS OF \$20,000. THE SIMPLEST WAY TO ESTIMATE THIS NUMBER WOULD BE TO COUNT HOW MANY SUCH PERSONS THERE WERE IN THE SAMPLE AND MULTIPLY BY 3 TO ALLOW FOR THE ONE IN THREE SAMPLE. HOWEVER, ONE CAN DO BETTER THAN THIS BY UTILISING THE KNOWN POPULATION TOTAL OF MALES AGED 35-44 OBTAINED FROM THE SHORT FORM DATA. A BETTER ESTIMATE WOULD BE

$$\frac{\text{NUMBER OF MALES IN THE SAMPLE AGED 35-44 WITH INCOME } \$20,000}{\text{NUMBER OF MALES IN THE SAMPLE, AGED 35-44}} \times \text{NUMBER OF MALES IN THE POPULATION AGED 35-44}$$

IT CAN BE SHOWN THAT THIS ESTIMATOR IS MORE RELIABLE THAN THE SIMPLE ONE. THE SECOND ESTIMATOR ALLOWS FOR THE FACT THAT THE NUMBER OF MALES AGED 35-44 IN THE SAMPLE WILL NOT BE EXACTLY ONE THIRD OF THE NUMBER OF MALES AGED 35-44 IN THE POPULATION. THE RREP ENSURES THAT SAMPLE ESTIMATES AND THE POPULATION COUNTS AGREE ALMOST EXACTLY PRIOR TO THEIR TABULATION.

.....
 SECTION
 E
 TECHNICAL DESCRIPTION

CHARACTERISTICS:	9 TRACK 1600 B.P.I.	9 TRACK 800 B.P.I.	7 TRACK
LABELS:	IBM STANDARD OR UNLABELLED	IBM STANDARD OR UNLABELLED	IBM STANDARD OR UNLABELLED
DENSITY:	1600 B.P.I.	800 B.P.I.	556/800 B.P.I.
TRACK UTILISATION:	8 DATA 1 PARITY	8 DATA 1 PARITY	6 DATA 1 PARITY
RECORDING LANGUAGE:	EBCDIC	EBCDIC	BCD
DECIMAL REPRESENTATION:	ZONED DECIMAL PACKED DECIMAL	ZONED DECIMAL PACKED DECIMAL	ZONED DECIMAL PACKED DECIMAL
SIGN REPRESENTATION:	SIGNED NUMERIC WITH SIGN ON THE RIGHT SIDE. (USED WITH ALL COBOL, ASSEMBLER, PL1 BASED PROGRAMS). ONLY THE NEGATIVE VALUES ARE SIGNED.		
INTERBLOCK GAP:	0.6 INCHES	0.6 INCHES	0.75 INCHES
LENGTH:	2400 FEET	2400 FEET	2400 FEET

TERMINOLOGY:

B.P.I. : BYTES PER INCH (1 BYTE = 8 BITS)
 EBCDIC : EXTENDED BINARY-CODED-DECIMAL INTERCHANGE CODE
 BCD : BINARY-CODED-DECIMAL


```

.....
.....
.. SECTION ..
..          ..
.. F        ..
..          ..
.....

```

SUPPLEMENTARY INFORMATION

FOR MORE INFORMATION, PLEASE CONSULT THE FOLLOWING PUBLICATIONS:

BRACKSTONE, G.J., THE 1971 CENSUS WEIGHTING PROCEDURES, STATISTICS CANADA, DECEMBER 1971.

MURPHY, DR. E., THE RANDOM ROUNDING TECHNIQUE FOR GUARDING AGAINST ILLEGAL DISCLOSURE IN PUBLISHED CENSUS TABLES, STATISTICS CANADA, MAY 29TH, 1972.

PHILLIPS, J.L., CONFIDENTIALITY PROCEDURES IN STATPAK VERSION 3, STATISTICS CANADA, APRIL 1972.

PHILLIPS, J.L., SAFEGUARDING AGAINST DISCLOSURE IN STATPAK VERSION 3, STATISTICS CANADA, DECEMBER 1972.

STINSON, J.G., EFFECTS OF RANDOM ROUNDING ON USER AGGREGATED DATA, STATISTICS CANADA, FEBRUARY 1973.

THE CENSUS GEOGRAPHIC CODE: HIERARCHY AND DOCUMENTATION, PH-GEOG-2, STATISTICS CANADA.

DICTIONARY OF THE 1971 CENSUS TERMS, CATALOGUE 12-540, STATISTICS CANADA.

POPULATION AND HOUSING RESEARCH MEMORANDUM NO. PH-METH-2, STATISTICS CANADA.

OFFICIAL LISTS, 1971 CENSUS:

- SERIES 1, PART 1A: ATLANTIC PROVINCES
- SERIES 1, PART 1B: QUEBEC
- SERIES 1, PART 1C: ONTARIO
- SERIES 1, PART 1D: WESTERN PROVINCES
- SERIES 1, PART 2 : CENSUS TRACTS, METROPDLITAN AREAS
- SERIES 1, PART 3 : CENSUS AGGLOMERATIONS
- SERIES 1, PART 4A: AREA AGGREGATES (ATLANTIC PROVINCES)
- SERIES 1, PART 4B: AREA AGGREGATES (QUEBEC)
- SERIES 1, PART 4C: AREA AGGREGATES (ONTARIO)
- SERIES 1, PART 4D: AREA AGGREGATES (WESTERN PROVINCES)

FOR FURTHER DETAILS, CONTACT:

```

*****
*
* CENSUS USER INQUIRY SERVICE *
* USER SUMMARY TAPES *
* STATISTICS CANADA *
* OTTAWA, ONTARIO, CANADA *
* K1A 0T6 *
* *
* 613-996-5254 *
* *
*****

```

```

.....
SECTION
G
RECORD DESCRIPTION
.....

```

FIELD	FIELD NAME	SIZE	POSITION	DESCRIPTION
1		2	1 - 2	PROVINCE
2		2	3 - 4	ELECTORAL DISTRICT
3		3	5 - 7	ENUMERATION AREA
4		2	8 - 9	COUNTY/CENSUS DIVISION
5		2	10 - 11	MUNICIPALITY
6		2	12 - 13	SUBDIVISION
7		1	14	RURAL/URBAN MUNICIPALITY
8		3	15 - 17	CENSUS METROPOLITAN AREA AND CENSUS AGGLOMERATION
9		3	18 - 20	CENSUS TRACT
10		1	21	CMA/CA PART
11		1	22	MUNICIPALITY SIZE CODE
12		1	23	RURAL/URBAN SIZE CODE

FIELD	FIELD NAME	SIZE	POSITION	DESCRIPTION
13		2	24 - 25	REFERENCE CODE
14		2	26 - 27	ECONOMIC REGION OF STATISTICS CANADA
15		2	28 - 29	CANADA MANPOWER CENTRE AREA CODE
16		4	30 - 33	CITY, TOWN OR VILLAGE
17		3	34 - 36	CMA/CA
18		1	37	CASPER CONTROL FIELD
19		1	38	MUNICIPAL SUBDIVISION
20		3	39 - 41	BLANK
21		1	42	ECONOMIC AREA
22		1	43	MUNICIPAL SUBDIVISION SIZE
23		1	44	RURAL/URBAN CODE
24		1	45	RURAL/URBAN MUNICIPALITY CODE
25		1	46	CMA/CA CODE (FROM MA/CA)
26		1	47	CMA/CA CODE (FROM CMA/CA PART)
27		1	48	LARGEST CITY CODE
28		2	49 - 50	BLANK

FIELD	FIELD NAME	SIZE	POSITION	DESCRIPTION
29		7	51 - 57	TOTAL DWELLINGS

TABLE 1 COUNT OF TOTAL DWELLINGS

FIELD	FIELD NAME	SIZE	POSITION	DESCRIPTION
30		7	56 - 60	BEFORE 1946
31		7	61 - 65	1946-1950
32		7	72 - 78	1951-1960
33		7	79 - 85	1961-1965
34		7	86 - 92	1966-1970
35		7	93 - 99	1971-JUNE 1 1971

TABLE 2 DWELLINGS BY PERIOD OF CONSTRUCTION

FIELD	FIELD NAME	SIZE	POSITION	DESCRIPTION
36		7	100 - 106	0 BEDROOMS
37		7	107 - 113	1 BEDROOM
38		7	114 - 120	2 BEDROOMS
39		7	121 - 127	3 BEDROOMS
40		7	128 - 134	4 BEDROOMS
41		7	135 - 141	5 BEDROOMS
42		7	142 - 148	AVERAGE NUMBER OF BEDROOMS PER DWELLING (3 decimal places)

TABLE 3 DWELLINGS BY NUMBER OF BEDROOMS

FIELD	FIELD NAME	SIZE	POSITION	DESCRIPTION
43		7	149 - 155	MUNICIPAL OR PRIVATE COMPANY
44		7	156 - 162	WELL ON PROPERTY
45		7	163 - 169	OTHER (SPRING RIVER ETC.)

TABLE 4 DWELLINGS BY SOURCE OF WATER SUPPLY

FIELD	FIELD NAME	SIZE	POSITION	DESCRIPTION
46		7	170 - 176	CONNECTION TO PUBLIC SEWER
47		7	177 - 183	SEPTIC TANK
48		7	184 - 190	OTHER (CESSPOOL PIT)

TABLE 5 DWELLINGS BY METHOD OF SEWAGE DISPOSAL

FIELD	FIELD NAME	SIZE	POSITION	DESCRIPTION
49		7	191 - 197	FURNACE OR INSTALLED ELECTRIC SYSTEM
50		7	198 - 204	HEATING STOVE COOK STOVE SPACE HEATER
51		7	205 - 211	OTHER (FIREPLACE ETC.)

TABLE 6 DWELLINGS BY TYPE OF HEATING EQUIPMENT

FIELD	FIELD NAME	SIZE	POSITION	DESCRIPTION
				DWELLINGS BY TYPE OF HEATING FUEL

TABLE 7

52 7 212 - 218 OIL OR OTHER LIQUID FUEL
 53 7 219 - 225 GAS (PIPED OR BOTTLED)
 54 7 226 - 232 ELECTRICITY
 55 7 233 - 239 OTHER OR NONE

TABLE 8 DWELLINGS BY TYPE OF COOKING FUEL

56 7 240 - 246 OIL OR OTHER LIQUID FUEL
 57 7 247 - 253 GAS (PIPED OR BOTTLED)
 58 7 254 - 260 ELECTRICITY
 59 7 260 - 267 OTHER OR NONE

TABLE 9 DWELLINGS BY TYPE OF WATER HEATING FUEL

60 7 268 - 274 OIL OR OTHER LIQUID FUEL
 61 7 275 - 281 GAS (PIPED OR BOTTLED)
 62 7 282 - 288 ELECTRICITY
 63 7 289 - 295 OTHER OR NONE

TABLE 10 DWELLINGS BY NUMBER OF AUTOMOBILES

64 7 296 - 302 NO AUTOMOBILE
 65 7 303 - 309 1 AUTOMOBILE
 66 7 310 - 316 2 AUTOMOBILES
 67 7 317 - 323 3 AUTOMOBILES OR MORE

TABLE 11 DWELLINGS BY NO OF OWNED VACATION HOMES

68 7 324 - 330 WITHOUT VACATION HOMES
 69 7 331 - 337 WITH VACATION HOMES

TABLE 12 DWELLINGS BY HOUSEHOLD FACILITIES

70 7 338 - 344 REFRIGERATOR
 71 7 345 - 351 HOME FREEZER
 72 7 352 - 358 ELECTRIC DISHWASHER
 73 7 359 - 365 AUTOMATIC CLOTHES DRYER
 74 7 366 - 372 TELEVISION

TABLE 13 COUNT OF OWNER OCCUPIED

75 7 373 - 379 SINGLE HDUSE NON-FARM DWELLING

76 7 380 - 386 TABLE 15 OWNER OCCUPIED NON-FARM SINGLE HOUSE, NO. MORTG
 77 7 387 - 393 FIRST MORTGAGE ONLY ON DWELLING
 78 7 394 - 400 MORE THAN ONE MORTGAGE ON DWELLING

79 7 401 - 407 TABLE 16 AS ABOVE BY HOLDER OF FIRST MORTGAGE
 80 7 408 - 414 BANK FINANCE LOAN TRUST OR MORTGAGE CO
 81 7 415 - 421 GOVERNMENT (FEDERAL PROV OR MUNICIPAL)
 82 7 422 - 428 PRIVATE INDIVIDUAL
 OTHER (CREDIT UNION ETC.)

83 7 429 - 435 TABLE 17 AS ABOVE BY PARKING FACILITIES
 84 7 436 - 442 WITHOUT GARAGE
 WITH GARAGE

85 7 443 - 449 TABLE 18 COUNT OF TENANT OCCUPIED NON-FARM
 DWELLINGS
 AS ABOVE BY ITEMS INCLUDED IN RENT

86 7 450 - 456 TABLE 19 FURNITURE OR FURNISHINGS INCLUDED IN RENT
 87 7 457 - 463 AIR CONDITIONING INCLUDED IN RENT
 88 7 464 - 470 REFRIGERATOR INCLUDED IN RENT
 89 7 471 - 477 COOKING STOVE INCLUDED IN RENT
 90 7 478 - 484 OFF STREET PARKING INCLUDED IN RENT

91 7 485 - 491 TABLE 20 TENANT OCCUPIED NON-FRM DWELL BY CASH RENT
 AVERAGE CASH RENT (3 decimal places)

92 7 492 - 498 TABLE 21 AS ABOVE BY GROSS RENT
 AVERAGE GROSS RENT (3 decimal places)