

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

LONG FORM ECONOMIC FILE 3

BBBBBBB	2222222	EEEEEEEE	CCCCC	00000	BBBBBBB	0000	3333333
BBBBBBBB	22222222	EEEEEEEE	CCCCCCCC	0000000	BBBBBBBB	000000	3333333
BB BB	22	EE	CC CC	00 00	BB BB	00 00	33
BBBBBBB	222	EEEEEEEE	CC	00 00	BBBBBBB	00 00	3333
BBBBBBB	222	EEEEEEEE	CC	00 00	BBBBBBB	00 00	3333
BB BB	22	EE	CC CC	00 00	BB BB	00 00	33 33
BBBBBBBB	22222222	EEEEEEEE	CCCCCCCC	0000000	BBBBBBBB	000000	3333333
BBBBBBB	22222222	EEEEEEEE	CCCCC	00000	BBBBBBB	0000	333333

EXTERNAL DECIMAL

1971 CENSUS OF CANADA

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SECTION	FILE CONTENT
A	

LONG FORM ECONOMIC FILE 3

(LEVEL 2)

TABLE 1

A - POPULATION AGED 15 AND OVER BY LEVEL OF SCHOOLING (6) BY SEX (2)

MALES
 TOTAL SCHOOLING
 LESS THAN GRADE 9
 GRADES 9 - 11
 GRADES 12 - 13
 UNIVERSITY NO DEGREE
 UNIVERSITY DEGREE
 FEMALES
 TOTAL SCHOOLING
 LESS THAN GRADE 9
 GRADES 9 - 11
 GRADES 12 - 13
 UNIVERSITY NO DEGREE
 UNIVERSITY DEGREE

B - TOTAL LABOUR FORCE AGED 15 AND OVER BY LABOUR FORCE STATUS (2) BY LEVEL OF SCHOOLING (6) BY SEX (2)

MALES
 TOTAL SCHOOLING
 - EMPLOYED
 - UNEMPLOYED
 LESS THAN GRADE 9
 - EMPLOYED
 - UNEMPLOYED
 GRADES 9 - 11
 - EMPLOYED
 - UNEMPLOYED
 GRADES 12 - 13
 - EMPLOYED
 - UNEMPLOYED
 UNIVERSITY NO DEGREE
 - EMPLOYED
 - UNEMPLOYED
 UNIVERSITY DEGREE
 - EMPLOYED
 - UNEMPLOYED

FEMALES
 TOTAL SCHOOLING
 - EMPLOYED
 - UNEMPLOYED
 LESS THAN GRADE 9
 - EMPLOYED
 - UNEMPLOYED
 GRADES 9 - 11
 - EMPLOYED
 - UNEMPLOYED
 GRADES 12 - 13
 - EMPLOYED
 - UNEMPLOYED
 UNIVERSITY NO DEGREE
 - EMPLOYED
 - UNEMPLOYED
 UNIVERSITY DEGREE
 - EMPLOYED
 - UNEMPLOYED

C - EXPERIENCED LABOUR FORCE AGED 15 AND OVER
 BY LEVEL OF SCHOOLING (6) BY SEX (2)

MALES
 TOTAL SCHOOLING
 LESS THAN GRADE 9
 GRADES 9 - 11
 GRADES 12 - 13
 UNIVERSITY NO DEGREE
 UNIVERSITY DEGREE

FEMALES
 TOTAL SCHOOLING
 LESS THAN GRADE 9
 GRADES 9 - 11
 GRADES 12 - 13
 UNIVERSITY NO DEGREE
 UNIVERSITY DEGREE

D - EXPERIENCED LABOUR FORCE AGED 15 AND OVER WHO WORKED
 IN 1970 BY LEVEL OF SCHOOLING (6) BY SEX (2)

MALES
 TOTAL SCHOOLING
 LESS THAN GRADE 9
 GRADES 9 - 11
 GRADES 12 - 13
 UNIVERSITY NO DEGREE
 UNIVERSITY DEGREE

FEMALES
 TOTAL SCHOOLING
 LESS THAN GRADE 9
 GRADES 9 - 11
 GRADES 12 - 13
 UNIVERSITY NO DEGREE
 UNIVERSITY DEGREE

E - EXPERIENCED LABOUR FORCE AGED 15 AND OVER WHO WORKED 40 - 52 WEEKS IN 1970 BY LEVEL OF SCHOOLING (6) BY SEX (2)

MALES
 TOTAL SCHOOLING
 LESS THAN GRADE 9
 GRADES 9 - 11
 GRADES 12 - 13
 UNIVERSITY NO DEGREE
 UNIVERSITY DEGREE

FEMALES
 TOTAL SCHOOLING
 LESS THAN GRADE 9
 GRADES 9 - 11
 GRADES 12 - 13
 UNIVERSITY NO DEGREE
 UNIVERSITY DEGREE

F - EXPERIENCED LABOUR FORCE AGED 15 AND OVER WHO WORKED 40 - 52 WEEKS FULL-TIME IN 1970 BY LEVEL OF SCHOOLING (6) BY SEX (2)

MALES
 TOTAL SCHOOLING
 LESS THAN GRADE 9
 GRADES 9 - 11
 GRADES 12 - 13
 UNIVERSITY NO DEGREE
 UNIVERSITY DEGREE

FEMALES
 TOTAL SCHOOLING
 LESS THAN GRADE 9
 GRADES 9 - 11
 GRADES 12 - 13
 UNIVERSITY NO DEGREE
 UNIVERSITY DEGREE

G - POPULATION AGED 15 AND OVER NOT IN LABOUR FORCE BY LEVEL OF SCHOOLING (6) BY SEX (2)

MALES
 TOTAL SCHOOLING
 LESS THAN GRADE 9
 GRADES 9 - 11
 GRADES 12 - 13
 UNIVERSITY NO DEGREE
 UNIVERSITY DEGREE

FEMALES
 TOTAL SCHOOLING
 LESS THAN GRADE 9
 GRADES 9 - 11
 GRADES 12 - 13
 UNIVERSITY NO DEGREE
 UNIVERSITY DEGREE

H - POPULATION AGED 15 AND OVER NOT IN LABOUR FORCE
WHO WORKED SINCE JANUARY 1, 1970 BY
LEVEL OF SCHOOLING (6) BY SEX (2)

MALES
TOTAL SCHOOLING
LESS THAN GRADE 9
GRADES 9 - 11
GRADES 12 - 13
UNIVERSITY NO DEGREE
UNIVERSITY DEGREE

FEMALES
TOTAL SCHOOLING
LESS THAN GRADE 9
GRADES 9 - 11
GRADES 12 - 13
UNIVERSITY NO DEGREE
UNIVERSITY DEGREE

I - POPULATION AGED 15 AND OVER NOT IN LABOUR FORCE BY
WORK STATUS IN 1970 - 1971 (2) BY
LEVEL OF SCHOOLING (6) BY SEX (2)

MALES
TOTAL SCHOOLING
- WORKED IN 1970
- NOT WORKED SINCE JANUARY 1 - 1970

LESS THAN GRADE 9
- WORKED IN 1970
- NOT WORKED SINCE JANUARY 1 - 1970

GRADES 9 - 11
- WORKED IN 1970
- NOT WORKED SINCE JANUARY 1 - 1970

GRADES 12 - 13
- WORKED IN 1970
- NOT WORKED SINCE JANUARY 1 - 1970

UNIVERSITY NO DEGREE
- WORKED IN 1970
- NOT WORKED SINCE JANUARY 1 - 1970

UNIVERSITY DEGREE
- WORKED IN 1970
- NOT WORKED SINCE JANUARY 1 - 1970

FEMALES

TOTAL SCHOOLING

- WORKED IN 1970

- NOT WORKED SINCE JANUARY 1 - 1970

LESS THAN GRADE 9

- WORKED IN 1970

- NOT WORKED SINCE JANUARY 1 - 1970

GRADES 9 - 11

- WORKED IN 1970

- NOT WORKED SINCE JANUARY 1 - 1970

GRADES 12 - 13

- WORKED IN 1970

- NOT WORKED SINCE JANUARY 1 - 1970

UNIVERSITY NO DEGREE

- WORKED IN 1970

- NOT WORKED SINCE JANUARY 1 - 1970

UNIVERSITY DEGREE

- WORKED IN 1970

- NOT WORKED SINCE JANUARY 1 - 1970

J - POPULATION AGED 15 AND OVER WHO WORKED PRIOR TO
 JANUARY 1, 1970 BY LEVEL OF SCHOOLING (6) BY SEX (2)

MALES

TOTAL SCHOOLING

LESS THAN GRADE 9

GRADES 9 - 11

GRADES 12 - 13

UNIVERSITY NO DEGREE

UNIVERSITY DEGREE

FEMALES

TOTAL SCHOOLING

LESS THAN GRADE 9

GRADES 9 - 11

GRADES 12 - 13

UNIVERSITY NO DEGREE

UNIVERSITY DEGREE

TABLE 2

POPULATION AGED 15 AND OVER BY MARITAL
STATUS (4) BY AGE (5) BY SEX (2)

MALES	
TOTAL MARITAL STATUS	TOTAL
	15 - 24
	25 - 44
	45 - 64
	65 +
SINGLE	TOTAL
	15 - 24
	25 - 44
	45 - 64
	65 +
MARRIED (INCLUDES SEPARATED)	TOTAL
	15 - 24
	25 - 44
	45 - 64
	65 +
WIDOWED AND DIVORCED	TOTAL
	15 - 24
	25 - 44
	45 - 64
	65 +
FEMALES	
TOTAL MARITAL STATUS	TOTAL
	15 - 24
	25 - 44
	45 - 64
	65 +
SINGLE	TOTAL
	15 - 24
	25 - 44
	45 - 64
	65 +
MARRIED (INCLUDES SEPARATED)	TOTAL
	15 - 24
	25 - 44
	45 - 64
	65 +
WIDOWED AND DIVORCED	TOTAL
	15 - 24
	25 - 44
	45 - 64
	65 +

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.. SECTION ..
..          ..
..    B     ..
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FILE SPECIFICATIONS

GEOGRAPHIC LEVEL: CENSUS TRACT/AREA AGGREGATE (CT/AA)

FILE NAME: LONG FORM ECONOMIC FILE 3

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DATA SET NAME       : B2ECOB03
CHARACTER MODE      : EXTERNAL DECIMAL
LOGICAL RECORD LENGTH: 2,002
BLOCK SIZE          : 4,004
BLOCKING FACTOR     : 2
NUMBER OF RECORDS   : 4,161
NUMBER OF TAPE REELS : =1 (9 TRACKS, 1600 B.P.I.)
                   : =1 (9 TRACKS, 800 B.P.I.)
                   : =1 (7 TRACKS, 800 B.P.I.)

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SEQUENCE:

- 1ST. AA'S NOT CORRESPONDING TO ANY CMA OR CA.
- 2ND. CMA'S AND CA'S WITH CT'S.
- 3RD. CA'S WITH NO CT'S.

1. AA'S ARE ASCENDING ORDER AND DO NOT HAVE ANY INFORMATION IN POSITION 15 TO 20.
2. CMA'S AND CA'S DIVIDED IN CT'S ARE IN ASCENDING ORDER AND THEIR RESPECTIVE AA'S ARE ALSO IN ASCENDING ORDER.
3. CA'S WITH NO CT'S ARE IN ASCENDING ORDER.

NOTE: CMA (001,026) AND SOME CA'S ARE UNIQUELY SUB-DIVIDED INTO CT'S REMAINING CA'S (CODE 051 TO 314) ARE NOT. HENCE, AGGREGATION OF CA'S BY AA'S WILL NOT NECESSARY INCLUDE THE COMPLETE CA.


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.. SECTION .. DEFINITION OF GEOGRAPHIC REGIONS AND AN
..          .. EXPLANATION OF GEO-STATISTICAL CODES
..          ..
..          .. C
.....
    
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.....
.. FIELD      1 ..
.. POSITION    1-2 .. PROVINCE
.....
    
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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

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.....
.. FIELD      6 .. CENSUS METROPOLITAN AREA
.. POSITION    15-17 .. AND CENSUS AGGLOMERATION
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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: BLANK OR 001-026
SEE OFFICIAL CODES BELDW

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: CENSUS METROPOLITAN AREA AND CENSUS AGGLOMERATION LIST :
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POPULATION		POPULATION		
100,000 AND MORE		100,000 AND MORE		
001	CALGARY ALTA	•	002	CHICOUTIMI-JONQUIERE QUE
003	EDMONTON ALTA	•	004	HALIFAX NS
005	HAMILTON ONT	•	006	KITCHENER ONT
007	LONDON ONT	•	008	MONTRREAL QUE
010	OTTAWA-HULL	•	011	QUEBEC QUE
012	REGINA SASK	•	013	ST. CATHARINES ONT
014	ST. JOHN'S NFLD	•	015	SAINT JOHN NB
016	SASKATOON SASK	•	019	SUDBURY ONT
020	THUNDER BAY ONT	•	021	TORONTO ONT
023	VANCOUVER BC	•	024	VICTORIA BC
025	WINDSOR ONT	•	026	WINNIPEG MAN

POPULATION

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	.

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	.

5,000-9,999

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

2,000-4,999

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

POPULATION

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	ROUYN QUE	.
075	ST-JEAN QUE	.
077	SOREL QUE	.
079	THETFORD MINES QUE	.
081	TRENTON ONT	.
084	VICTORIAVILLE QUE	.

10,000-24,999

103	ASBESTOS QUE	.
108	COBOURG 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

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

2,000-4,999

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

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.....
. FIELD          7      .
. POSITION        18-20  . CENSUS TRACT
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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.

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.....
. FIELD          11     .
. POSITION        37     . CASPER CONTROL FIELD
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ALWAYS 1. THIS CODE IS USED ONLY BY CASPER SOFTWARE PACKAGE.

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.....
. FIELD          15     .
. POSITION        44-47  . AREA AGGREGATE
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AREA AGGREGATES ARE SIMILAR IN PURPOSE TO CENSUS TRACTS BUT COVER THE WHOLE COUNTRY. THEY ARE DELINEATED BY THE SAME STANDARD AS THE CENSUS TRACTS. EACH PROVINCE IS SUBDIVIDED INTO AREA AGGREGATES WHICH DO NOT NECESSARILY CORRESPOND TO ANY OTHER BOUNDARIES. THEY ARE IDENTIFIED BY A FOUR DIGIT CODE CONSECUTIVELY NUMBERING THEM BY PROVINCE IN A SERPENTINE MANNER FROM BOTTOM TO TOP.

ALL CENSUS TRACTS HAVE A COINCIDING AREA AGGREGATE WITH THE SAME BOUNDARIES BUT A DIFFERENT CODE NUMBER WITH THE FOLLOWING EXCEPTIONS:

THE CMA CHICOUTIMI-JONQUIERE (QUE.) AND THE CA'S MONCTON (N.B.), SHAWINIGAN (QUE.) AND SIDNEY (N.S.) HAVE NOT BEEN SUBDIVIDED INTO CT'S. THEREFORE, ON THE CT/AA TAPE, THEY HAVE BEEN GIVEN THE CT CODE 999 FOR THE TOTAL CMA/CA CONCERNED. HOWEVER EACH OF THESE URBAN CENTRES HAS BEEN SUBDIVIDED INTO SEVERAL AA'S. FOR EXAMPLE, CHICOUTIMI-JONQUIERE CONSISTS OF THE AA'S 2034 TO 2069 INCLUSIVE, BUT EACH OF THESE AA'S HAS THE CT CODE 999. NORMALLY, EACH CT CORRESPONDS TO A SINGLE AA.

IT SHOULD ALSO BE NOTED THAT THERE IS NO CORRESPONDENCE BETWEEN AREA AGGREGATE BOUNDARIES AND CENSUS AGGLOMERATIONS NOT SUBDIVIDED INTO CENSUS TRACTS.

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.....  
: FIELD      19      :  
: POSITION    51-58   : DATA SET NAME  
:.....
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DATA SET NAME OF THE FILE.

.....
 .. 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 JSER 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 5	.2	.8
2 OR 7	.4	.6
3 OR 8	.6	.4
4 OR 9	.8	.2

THIS PROCESS ENSURES THAT NO INDIVIDUAL DATA CELL DIFFERS FROM THE TRUE ORIGINAL COUNT BY MORE THAN 4. FOR EXAMPLE, A COMPUTED COUNT OF 486 WILL APPEAR IN A TABLE AS 485 WITH A PROBABILITY OF .8 AND AS 490 WITH A PROBABILITY OF .2.

OF CONCERN TO SOME USERS IS THAT SMALL CELL COUNTS MAY SUFFER A SIGNIFICANT DISTORTION AS A RESULT OF RANDOM ROUNDING AND THAT THIS WILL BE MAGNIFIED WHEN THESE SAME DATA CELLS ARE AGGREGATED. THIS DISTORTION IS THE PROTECTION AGAINST DISCLOSURE AND ALTHOUGH INDIVIDUAL DATA CELLS CONTAINING THESE SMALL NUMBERS MAY LOSE THEIR PRECISION, THEY DO NOT LOSE THEIR STATISTICAL VALUE AND AGGREGATIONS CAN BE USED WITH CONFIDENCE.

SINCE MANY APPLICATIONS OF CENSUS DATA INVOLVE USING SMALL BUILDING-BLOCKS (E.G. ENUMERATION AREAS OR CENSUS TRACTS) TO CREATE LARGER USER DEFINED AREAS, IT IS NECESSARY TO RE-AGGREGATE DATA WHICH HAVE BEEN ROUNDED. RE-AGGREGATION CAN BE IN TWO FORMS: THE FIRST, PREVIOUSLY MENTIONED, INVOLVES AGGREGATING SMALL GEOGRAPHICAL AREAS INTO LARGER AREAS; THE SECOND, AGGREGATING OR GROUPING RESPONSES TO A PARTICULAR QUESTION WITHIN A GEOGRAPHICAL AREA. FOR EXAMPLE, FOR ANY GEOGRAPHICAL AREA, THE POPULATION FROM AGE 6 TO 16, INCLUSIVE, CAN BE AGGREGATED FROM SINGLE YEARS OF AGE COUNTS.

SINCE PROBABILITY IS INVOLVED IN ROUNDING, THE POTENTIAL ERROR ARISING FROM SUMMING A SERIES OF ROUNDED NUMBERS CAN BE EXPRESSED IN TERMS OF PROBABILITY. THE EXPECTED VALUE OF THE ERROR, AND THE VARIANCE CAN BE PRECISELY STATED IN TERMS OF THE NUMBER OF DATA CELLS THAT WERE ADDED AND SUBTRACTED TO PRODUCE A TOTAL. IT IS IMPORTANT TO NOTE THAT THE SAME RELATIONSHIP APPLIES TO BOTH SUBTRACTION AND ADDITION.

.....
: WEIGHTING :
:
:.....

INFORMATION DERIVED FROM THE LONG FORM (2B) WAS COLLECTED ON A 33 1/3% SAMPLE BASIS. THEREFORE, THE WEIGHTED POPULATION FOR A GIVEN GEOGRAPHICAL AREA MAY DIFFER FROM THAT SHOWN FOR DATA COLLECTED ON A 100% BASIS. THESE DISCREPANCIES DO NOT INDICATE ANY ERRORS IN THE PROCESSING AND PRODUCTION OF SAMPLE DATA, BUT REFLECT THE VARIABILITY ASSOCIATED WITH A SAMPLE AND ARE THE RESULT OF PROCEDURES USED TO WEIGHT THE SAMPLE TO OBTAIN ESTIMATES FROM THE TOTAL POPULATION. IN ALL INSTANCES THE TOTAL POPULATION (BUT NOT NECESSARILY THE INHERENT DISTRIBUTION) FOR CANADA, THE PROVINCES AND CENSUS DIVISIONS, FOR SAMPLE AND 100% DATA WILL COINCIDE, SINCE THE WEIGHTING FACTORS USED RESPECTED CENSUS DIVISION BOUNDARIES. MINOR DIFFERENCES MAY OCCUR FOR VARIABLES USED AS CONTROLS IN THE WEIGHTING PROCESS, WITH SOMEWHAT GREATER DIFFERENCES FOR VARIABLES NOT USED AS CONTROLS.

WHEN DATA ARE COLLECTED ON A SAMPLE BASIS, IT IS NECESSARY TO ENSURE THAT STATISTICAL COMPENSATION IS MADE FOR ANY IRREGULARITIES WHICH MAY OCCUR IN THE COLLECTION PHASE. THE WEIGHTING SYSTEM USED IN THE 1971 CENSUS IS KNOWN AS THE RAKING RATIO ESTIMATION PROCEDURE (RREP) AND IS AN ITERATIVE PROCEDURE DESIGNED TO ENSURE THAT SAMPLE ESTIMATES FOR CERTAIN BASIC SUB-GROUPS AGREE WITH THE CORRESPONDING POPULATION TOTALS. RATIO ESTIMATION IS A TECHNIQUE WHICH USES KNOWLEDGE OF SUPPLEMENTARY INFORMATION ABOUT THE POPULATION BEING SAMPLED IN ORDER TO IMPROVE THE RELIABILITY OF ESTIMATES MADE FROM THE SAMPLE. IN THE CASE OF THE CENSUS, THERE IS CONSIDERABLE SUPPLEMENTARY INFORMATION ABOUT THE TOTAL POPULATION FROM THE COMPLETE COUNT DATA. THE RREP TAKES MAXIMUM ADVANTAGE OF THIS SUPPLEMENTARY INFORMATION.

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

NUMBER OF MALES IN THE SAMPLE AGED 35-44 WITH INCOME \$20,000 ----- NUMBER OF MALES IN THE SAMPLE, AGED 35-44	X	NUMBER OF MALES IN THE POPULATION AGED 35-44
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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

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.. SECTION ..
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.. F         ..
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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:

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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, METROPOLITAN 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)

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FOR FURTHER DETAILS, CONTACT:

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

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SECTION	RECORD DESCRIPTION
G	

FIELD	FIELD NAME	SIZE	POSITION	DESCRIPTION
1		2	1 - 2	PROVINCE
2		3	3 - 5	BLANK
3		3	6 - 8	BLANK
4		3	9 - 11	BLANK
5		3	12 - 14	BLANK
6		3	15 - 17	CENSUS METROPOLITAN AREA AND CENSUS AGGLOMERATION
7		3	18 - 20	CENSUS TRACT
8		5	21 - 25	BLANK
9		6	26 - 31	BLANK
10		5	32 - 36	BLANK
11		1	37	CASPER CONTROL FIELD
12		2	38 - 39	BLANK
13		2	40 - 41	BLANK
14		2	42 - 43	BLANK
15		4	44 - 47	AREA AGGREGATE
16		1	48	BLANK
17		1	49	BLANK
18		1	50	BLANK
19		8	51 - 58	DATA SET NAME
20		1	59	BLANK
21		2	60 - 61	BLANK
22		2	62 - 63	BLANK

TABLE 1

POPULATION 15+/LABOUR ACTIVITY/SCLEVEL/SEX

FIELD	FIELD NAME	SIZE	POSITION	DESCRIPTION
				MALES
				TOTAL SCHOOLING
23	7	64 -	70	POPULATION 15 AND OVER
				LESS THAN GRADE 9
24	7	71 -	77	POPULATION 15 AND OVER
				GRADES 9-11
25	7	78 -	84	POPULATION 15 AND OVER
				GRADES 12-13
26	7	85 -	91	POPULATION 15 AND OVER
				UNIVERSITY NO DEGREE
27	7	92 -	98	POPULATION 15 AND OVER
				UNIVERSITY DEGREE
28	7	99 -	105	POPULATION 15 AND OVER
				FEMALES
				TOTAL SCHOOLING
29	7	106 -	112	POPULATION 15 AND OVER
				LESS THAN GRADE 9
30	7	113 -	119	POPULATION 15 AND OVER
				GRADES 9-11
31	7	120 -	126	POPULATION 15 AND OVER
				GRADES 12-13
32	7	127 -	133	POPULATION 15 AND OVER
				UNIVERSITY NO DEGREE
33	7	134 -	140	POPULATION 15 AND OVER
				UNIVERSITY DEGREE
34	7	141 -	147	POPULATION 15 AND OVER
				MALES
				TOTAL SCHOOLING
35	7	148 -	154	TOTAL LABOUR FORCE
36	7	155 -	161	-EMPLOYED
37	7	162 -	168	-UNEMPLOYED
				LESS THAN GRADE 9
				TOTAL LABOUR FORCE
38	7	169 -	175	-EMPLOYED
39	7	176 -	182	-UNEMPLOYED
40	7	183 -	189	
				GRADES 9-11
				TOTAL LABOUR FORCE
41	7	190 -	196	-EMPLOYED
42	7	197 -	203	-UNEMPLOYED
43	7	204 -	210	
				GRADES 12-13
				TOTAL LABOUR FORCE
44	7	211 -	217	-EMPLOYED
45	7	218 -	224	-UNEMPLOYED
46	7	225 -	231	
				UNIVERSITY NO DEGREE
				TOTAL LABOUR FORCE
47	7	232 -	238	-EMPLOYED
48	7	239 -	245	-UNEMPLOYED
49	7	246 -	252	
				UNIVERSITY DEGREE
				TOTAL LABOUR FORCE
50	7	253 -	259	-EMPLOYED
51	7	260 -	266	-UNEMPLOYED
52	7	267 -	273	
				FEMALES
				TOTAL SCHOOLING
				TOTAL LABOUR FORCE
53	7	274 -	280	-EMPLOYED
54	7	281 -	287	

FIELD	FIELD NAME	SIZE	PC SITION	DESCRIPTION
55		7	288 - 294	LESS THAN GRADE 9 TOTAL LABOUR FORCE
				-UNEMPLOYED
56		7	295 - 301	
57		7	302 - 308	
58		7	309 - 315	GRADES 9-11 TOTAL LABOUR FORCE
				-EMPLOYED
				-UNEMPLOYED
59		7	316 - 322	
60		7	323 - 329	
61		7	330 - 336	GRADES 12-13 TOTAL LABOUR FORCE
				-EMPLOYED
				-UNEMPLOYED
62		7	337 - 343	
63		7	344 - 350	
64		7	351 - 357	UNIVERSITY NO DEGREE TOTAL LABOUR FORCE
				-EMPLOYED
				-UNEMPLOYED
65		7	358 - 364	
66		7	365 - 371	
67		7	372 - 378	UNIVERSITY DEGREE TOTAL LABOUR FORCE
				-EMPLOYED
				-UNEMPLOYED
68		7	379 - 385	
69		7	386 - 392	
70		7	393 - 399	
				-EMPLOYED
				-UNEMPLOYED
				MALES
				TOTAL SCHOOLING
71		7	400 - 406	EXPERIENCED LABOUR FORCE
				LESS THAN GRADE 9
72		7	407 - 413	EXPERIENCED LABOUR FORCE
				GRADES 9-11
73		7	414 - 420	EXPERIENCED LABOUR FORCE
				GRADES 12-13
74		7	421 - 427	EXPERIENCED LABOUR FORCE
				UNIVERSITY NO DEGREE
75		7	428 - 434	EXPERIENCED LABOUR FORCE
				UNIVERSITY DEGREE
76		7	435 - 441	EXPERIENCED LABOUR FORCE
				FEMALES
				TOTAL SCHOOLING
77		7	442 - 448	EXPERIENCED LABOUR FORCE
				LESS THAN GRADE 9
78		7	449 - 455	EXPERIENCED LABOUR FORCE
				GRADES 9-11
79		7	456 - 462	EXPERIENCED LABOUR FORCE
				GRADES 12-13
80		7	463 - 469	EXPERIENCED LABOUR FORCE
				UNIVERSITY NO DEGREE
81		7	470 - 476	EXPERIENCED LABOUR FORCE
				UNIVERSITY DEGREE
82		7	477 - 483	EXPERIENCED LABOUR FORCE
				MALES
				TOTAL SCHOOLING
83		7	484 - 490	EXP LF WORKED 1970
				LESS THAN GRADE 9
84		7	491 - 497	EXP LF WORKED 1970
				GRADES 9-11
85		7	498 - 504	EXP LF WORKED 1970
				GRADES 12-13
86		7	505 - 511	EXP LF WORKED 1970
				UNIVERSITY NO DEGREE

FIELD FIELD NAME SIZE

PC SITION

DESCRIPTION

B2ECCB03/C03/C03

FIELD	FIELD NAME	SIZE	PC SITION	DESCRIPTION
87		7	512 - 518	EXP LF WORKED 1970 UNIVERSITY DEGREE
88		7	519 - 525	EXP LF WORKED 1970
FEMALES				
89		7	526 - 532	TOTAL SCHOOLING EXP LF WORKED 1970
90		7	533 - 539	LESS THAN GRADE 9 EXP LF WORKED 1970
91		7	540 - 546	GRADES 9-11 EXP LF WORKED 1970
92		7	547 - 553	GRADES 12-13 EXP LF WORKED 1970
93		7	554 - 560	UNIVERSITY NO DEGREE EXP LF WORKED 1970
94		7	561 - 567	UNIVERSITY DEGREE EXP LF WORKED 1970
MALES				
95		7	568 - 574	TOTAL SCHOOLING EXP LF WKD 1970 40-52 WEEKS
96		7	575 - 581	LESS THAN GRADE 9 EXP LF WKD 1970 40-52 WEEKS
97		7	582 - 588	GRADES 9-11 EXP LF WKD 1970 40-52 WEEKS
98		7	589 - 595	GRADES 12-13 EXP LF WKD 1970 40-52 WEEKS
99		7	596 - 602	UNIVERSITY NO DEGREE EXP LF WKD 1970 40-52 WEEKS
100		7	603 - 609	UNIVERSITY DEGREE EXP LF WKD 1970 40-52 WEEKS
FEMALES				
101		7	610 - 616	TOTAL SCHOOLING EXP LF WKD 1970 40-52 WEEKS
102		7	617 - 623	LESS THAN GRADE 9 EXP LF WKD 1970 40-52 WEEKS
103		7	624 - 630	GRADES 9-11 EXP LF WKD 1970 40-52 WEEKS
104		7	631 - 637	GRADES 12-13 EXP LF WKD 1970 40-52 WEEKS
105		7	638 - 644	UNIVERSITY NO DEGREE EXP LF WKD 1970 40-52 WEEKS
106		7	645 - 651	UNIVERSITY DEGREE EXP LF WKD 1970 40-52 WEEKS
MALES				
107		7	652 - 658	TOTAL SCHOOLING EXP LF WKD 1970 40-52 WKS FULL-TIME
108		7	659 - 665	LESS THAN GRADE 9 EXP LF WKD 1970 40-52 WKS FULL-TIME
109		7	666 - 672	GRADES 9-11 EXP LF WKD 1970 40-52 WKS FULL-TIME
110		7	673 - 679	GRADES 12-13 EXP LF WKD 1970 40-52 WKS FULL-TIME
111		7	680 - 686	UNIVERSITY NO DEGREE EXP LF WKD 1970 40-52 WKS FULL-TIME
112		7	687 - 693	UNIVERSITY DEGREE EXP LF WKD 1970 40-52 WKS FULL-TIME
FEMALES				
TOTAL SCHOOLING				

FIELD FIELD NAME SIZE

PCPOSITION

DESCRIPTION

B2ECOB03/C03/D03

FIELD	FIELD NAME	SIZE	PCPOSITION	DESCRIPTION
113		7	694 - 700	EXP LF WKD 1970 40-52 WKS FULL-TIME LESS THAN GRADE 9
114		7	701 - 707	EXP LF WKD 1970 40-52 WKS FULL-TIME GRADES 9-11
115		7	708 - 714	EXP LF WKD 1970 40-52 WKS FULL-TIME GRADES 12-13
116		7	715 - 721	EXP LF WKD 1970 40-52 WKS FULL-TIME UNIVERSITY NO DEGREE
117		7	722 - 728	EXP LF WKD 1970 40-52 WKS FULL-TIME UNIVERSITY DEGREE
118		7	729 - 735	EXP LF WKD 1970 40-52 WKS FULL-TIME

MALES

119		7	736 - 742	TOTAL SCHOOLING NOT LABOUR FCRCE LESS THAN GRADE 9
120		7	743 - 749	NOT LABOUR FCRCE GRADES 9-11
121		7	750 - 756	NOT LABOUR FCRCE GRADES 12-13
122		7	757 - 763	NOT LABOUR FCRCE UNIVERSITY NO DEGREE
123		7	764 - 770	NOT LABOUR FCRCE UNIVERSITY DEGREE
124		7	771 - 777	NOT LABOUR FCRCE

FEMALES

125		7	778 - 784	TOTAL SCHOOLING NOT LABOUR FORCE LESS THAN GRADE 9
126		7	785 - 791	NOT LABOUR FORCE GRADES 9-11
127		7	792 - 798	NOT LABOUR FCRCE GRADES 12-13
128		7	799 - 805	NOT LABOUR FCRCE UNIVERSITY NO DEGREE
129		7	806 - 812	NOT LABOUR FCRCE UNIVERSITY DEGREE
130		7	813 - 819	NOT LABOUR FCRCE

MALES

131		7	820 - 826	TOTAL SCHOOLING LESS THAN GRADE 9 -WORK SINCE JAN 1-1970
132		7	827 - 833	GRADES 9-11 -WORK SINCE JAN 1-1970
133		7	834 - 840	GRADES 12-13 -WORK SINCE JAN 1-1970
134		7	841 - 847	UNIVERSITY NO DEGREE -WORK SINCE JAN 1-1970
135		7	848 - 854	UNIVERSITY DEGREE -WORK SINCE JAN 1-1970
136		7	855 - 861	-WORK SINCE JAN 1-1970

FEMALES

137		7	862 - 868	TOTAL SCHOOLING -WORK SINCE JAN 1-1970
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FIELD	FIELD NAME	SIZE	POSITION	DESCRIPTION	B2ECCB03/C03/C03
138		7	869 - 875	LESS THAN GRADE 9	-WORK SINCE JAN 1-1970
139		7	876 - 882	GRADES 9-11	-WORK SINCE JAN 1-1970
140		7	883 - 889	GRADES 12-13	-WORK SINCE JAN 1-1970
141		7	890 - 896	UNIVERSITY NO DEGREE	-WORK SINCE JAN 1-1970
142		7	897 - 903	UNIVERSITY DEGREE	-WORK SINCE JAN 1-1970
MALES					
143		7	904 - 910	TOTAL SCHOOLING	-WORKED IN 1970
144		7	911 - 917		-NCT WORK SINCE JAN1/70
145		7	918 - 924	LESS THAN GRADE 9	-WORKED IN 1970
146		7	925 - 931	GRADES 9-11	-NCT WORK SINCE JAN1/70
147		7	932 - 938	GRADES 12-13	-WORKED IN 1970
148		7	939 - 945		-NCT WORK SINCE JAN1/70
149		7	946 - 952	UNIVERSITY NO DEGREE	-WORKED IN 1970
150		7	953 - 959		-NCT WORK SINCE JAN1/70
151		7	960 - 966	UNIVERSITY DEGREE	-WORKED IN 1970
152		7	967 - 973		-NCT WORK SINCE JAN1/70
153		7	974 - 980		-WORKED IN 1970
154		7	981 - 987		-NCT WORK SINCE JAN1/70
FEMALES					
155		7	988 - 994	TOTAL SCHOOLING	-WORKED IN 1970
156		7	995 - 1001		-NCT WORK SINCE JAN1/70
157		7	1002 - 1008	LESS THAN GRADE 9	-WORKED IN 1970
158		7	1009 - 1015	GRADES 9-11	-NCT WORK SINCE JAN1/70
159		7	1016 - 1022	GRADES 12-13	-WORKED IN 1970
160		7	1023 - 1029		-NCT WORK SINCE JAN1/70
161		7	1030 - 1036	UNIVERSITY NO DEGREE	-WORKED IN 1970
162		7	1037 - 1043		-NCT WORK SINCE JAN1/70
163		7	1044 - 1050	UNIVERSITY DEGREE	-WORKED IN 1970
164		7	1051 - 1057		-NCT WORK SINCE JAN1/70
165		7	1058 - 1064		-WORKED IN 1970
166		7	1065 - 1071		-NOT WORK SINCE JAN1/70
MALES					
167		7	1072 - 1078	TOTAL SCHOOLING	-WORKED PRIOR TO JAN 1/70
168		7	1079 - 1085	LESS THAN GRADE 9	-WORKED PRIOR TO JAN 1/70
169		7	1086 - 1092	GRADES 9-11	-WORKED PRIOR TO JAN 1/70
170		7	1093 - 1099	GRADES 12-13	-WORKED PRIOR TO JAN 1/70

FIELD	FIELD NAME	SIZE	PCISITICN	DESCRIPTION	
171		7	1100 - 1106	UNIVERSITY NO DEGREE	-WORKED PRIOR TO JAN 1/70
172		7	1107 - 1113	UNIVERSITY DEGREE	-WORKED PRIOR TO JAN 1/70
173		7	1114 - 1120	TOTAL SCHOOLING	-WORKED PRIOR TO JAN 1/70
174		7	1121 - 1127	LESS THAN GRADE 9	-WORKED PRIOR TO JAN 1/70
175		7	1128 - 1134	GRADES 9-11	-WORKED PRIOR TO JAN 1/70
176		7	1135 - 1141	GRADES 12-13	-WORKED PRIOR TO JAN 1/70
177		7	1142 - 1148	UNIVERSITY NO DEGREE	-WORKED PRIOR TO JAN 1/70
178		7	1149 - 1155	UNIVERSITY DEGREE	-WORKED PRIOR TO JAN 1/70

TABLE 2

POPULATION 15+/MARITAL STATUS/AGE/SEX

MALES

FIELD	FIELD NAME	SIZE	PCISITICN	DESCRIPTION	
179		7	1156 - 1162	TOTAL MARITAL STATUS	
180		7	1163 - 1169	TOTAL	
181		7	1170 - 1176	15-24	
182		7	1177 - 1183	25-44	
183		7	1184 - 1190	45-64	
				65+	
184		7	1191 - 1197	SINGLE	
185		7	1198 - 1204	TOTAL	
186		7	1205 - 1211	15-24	
187		7	1212 - 1218	25-44	
188		7	1219 - 1225	45-64	
				65+	
189		7	1226 - 1232	MARRIED (INCLUDES SEPARATED)	
190		7	1233 - 1239	TOTAL	
191		7	1240 - 1246	15-24	
192		7	1247 - 1253	25-44	
193		7	1254 - 1260	45-64	
				65+	
194		7	1261 - 1267	WIDOWED AND DIVORCED	
195		7	1268 - 1274	TOTAL	
196		7	1275 - 1281	15-24	
197		7	1282 - 1288	25-44	
198		7	1289 - 1295	45-64	
				65+	

FEMALES

FIELD	FIELD NAME	SIZE	PCISITICN	DESCRIPTION	
199		7	1296 - 1302	TOTAL MARITAL STATUS	
200		7	1303 - 1309	TOTAL	
201		7	1310 - 1316	15-24	
202		7	1317 - 1323	25-44	
203		7	1324 - 1330	45-64	
				65+	
204		7	1331 - 1337	SINGLE	
205		7	1338 - 1344	TOTAL	
206		7	1345 - 1351	15-24	
				25-44	

FIELD	FIELD NAME	SIZE	PC POSITION	DESCRIPTION
207		7	1352 - 1358	45-64
208		7	1359 - 1365	65+
				MARRIED (INCLUDES SEPARATED)
209		7	1366 - 1372	TOTAL
210		7	1373 - 1379	15-24
211		7	1380 - 1386	25-44
212		7	1387 - 1393	45-64
213		7	1394 - 1400	65+
				WIDOWED AND DIVORCED
214		7	1401 - 1407	TOTAL
215		7	1408 - 1414	15-24
216		7	1415 - 1421	25-44
217		7	1422 - 1428	45-64
218		7	1429 - 1435	65+
219		567	1436 - 2002	ZERCES FILL CELLS