# ICPSR Inter-university Consortium for Political and Social Research

Census Tract Data, 1940: Elizabeth Mullen Bogue File

**Donald Bogue** 

**ICPSR 2930** 

### CENSUS TRACT DATA, 1940: ELIZABETH MULLEN BOGUE FILE

(ICPSR 2930)

Principal Investigator

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First ICPSR Version
July 2000

Inter-university Consortium for Political and Social Research P.O. Box 1248
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#### DATA DISCLAIMER

The original collector of the data, ICPSR, and the relevant funding agency bear no responsibility for uses of this collection or for interpretations or inferences based upon such uses.

#### DATA COLLECTION DESCRIPTION

Donald Bogue

CENSUS TRACT DATA, 1940: ELIZABETH MULLEN BOGUE FILE (ICPSR 2930)

SUMMARY: The 1940 Census Tract files were originally created by keypunching the data from the printed publications prepared by the Bureau of the Census. The work was done under the direction of Dr. Donald Bogue, whose wife, Elizabeth Mullen Bogue, completed much of the data work. Subsequently, the punchcards were converted to data files and transferred to the National Archive and Records Administration (NARA). ICPSR received copies of these files from NARA and converted the binary block length records to ASCII format.

UNIVERSE: All persons and housing units in the United States.

NOTE: (1) The first two records in each file are city— and metro-level data with a record length of 3,298. The other records are tract-level data with a record length of 2,033. Both record types have 405 variables. (2) The codebook is provided as a Portable Document Format (PDF) file. The PDF file format was developed by Adobe Systems Incorporated and can be accessed using PDF reader software, such as the Adobe Acrobat Reader. Information on how to obtain a copy of the Acrobat Reader is provided on the ICPSR Website.

EXTENT OF COLLECTION: 60 data files + machine-readable documentation (PDF)

EXTENT OF PROCESSING: SCAN/ REFORM.DOC

DATA FORMAT: Logical Record Length

Part 1: Birmingham, Alabama Part 2: Berkeley, California

Part 3: Long Beach, California Part 4: Los Angeles, California

Part 5: Oakland, California

Part 6: San Francisco, California

Part 7: Denver, Colorado

Part 8: Hartford, Connecticut Part 9: New Haven, Connecticut

Part 10: Washington, DC-Maryland-Virginia

Part 11: Atlanta, Georgia

Part 12: Augusta, Georgia

Part 13: Macon, Georgia

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Part 14: Savannah, Georgia
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- Part 15: Chicago, Illinois
- Part 16: Indianapolis, Indiana
- Part 17: Des Moines, Iowa
- Part 18: Kansas City, Kansas-Missouri
- Part 19: Louisville, Kentucky-Indiana
- Part 20: New Orleans, Louisiana
- Part 21: Baltimore, Maryland
- Part 22: Boston, Massachusetts
- Part 23: Cambridge, Massachusetts
- Part 24: Detroit, Michigan
- Part 25: Flint, Michigan
- Part 26: Duluth, Minnesota-Superior, Wisconsin
- Part 27: Minneapolis-St. Paul, Minnesota
- Part 28: St. Paul, Minnesota
- Part 29: St. Louis, Missouri-Illinois
- Part 30: Atlantic City, New Jersey
- Part 31: Camden, New Jersey
- Part 32: Elizabeth, New Jersey
- Part 33: Jersey City, New Jersey
- Part 34: Newark, New Jersey
- Part 35: Paterson-Cliffton-Passaic, New Jersey
- Part 36: Trenton, New Jersey
- Part 37: Buffalo, New York
- Part 38: New York, New York
- Part 39: Rochester, New York
- Part 40: Syracuse, New York
- Part 41: Yonkers, New York
- Part 42: Akron, Ohio
- Part 43: Cincinnati, Ohio
- Part 44: Cleveland, Ohio
- Part 45: Columbus, Ohio
- Part 46: Dayton, Ohio
- Part 47: Toledo, Ohio
- Part 48: Oklahoma City, Oklahoma
- Part 49: Portland, Oregon-Washington
- Part 50: Philadelphia, Pennsylvania
- Part 51: Pittsburgh, Pennsylvania
- Part 52: Providence, Rhode Island-Pawtucket, Massachusetts
- Part 53: Memphis, Tennessee
- Part 54: Nashville, Tennessee
- Part 55: Austin, Texas
- Part 56: Dallas, Texas
- Part 57: Houston, Texas
- Part 58: Richmond, Virginia

Part 59: Seattle, Washington Part 60: Milwaukee, Wisconsin

File Structure: hierarchical

Part 61: Codebook for All Parts

8601 Adelphi Road College Park, Maryland 20740-6001

# Census Tract Data, 1940-1970: Elizabeth Mullen Boque File

Donated Historical Materials of
The Community and Family Study Center, University of Chicago
(Record Group CFS)

Documentation Contents:	#	<u>Pages</u>
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NN3-CFS-96-999

May 28, 1999

	1940	1950	1960	1970
ABILENE, TEX			Χ	Χ
AKRON, OH	Χ	Χ	Χ	Χ
ALBANY, GA				Χ
ALBANY-SCHENECTADY-TROY, NY			X	
ALBEQUERQUE, NM			X	Χ
ALLENTOWN-BETHLEHEM-EASTON, PA-NJ			X	X
ALTOONA, PA			X	X
AMARILLO, TX				X
ANDERSON, IND				X
ANN ARBOR, MICH			X	X
APPLETON-OSHKOSH, WIS				X
ASHVILLE, NC				X
ATLANTA, GA	Χ	Χ	Χ	X
ATLANTIC CITY, NJ	X	<b>7</b>	x	X
AUGUSTA, GA	X		X	X
AUSTIN, TX	X	Χ	X	X
BAKERSFIELD, CA	^	^	X	^
BALTIMORE, MD	Χ	Χ	X	Χ
BATON ROUGE, LA	^	^	X	X
BAY CITY, MICH			^	X
BEAUMONT, TX			Χ	x
·	Χ		^	^
BERKELEY, CA	^			V
BILLINGS, MONT				X X
BILOXI-GULFPORT, MISS			~	^
BINGHAMTON, NY	V	V	X X	
BIRMINGHAM, AL	X	Χ	^	V
BLOOMINGTON-NORMAL, ILL				X
BOISE CITY, IDAHO	V	V	V	X
BOSTON, MASS	Χ	X	X	V
BRIDGEPORT, CT		Χ	Χ	X
BRISTOL, CT			V	X
BROCKTON, MA			Χ	X
BROWNSVILLE-HARLINGEN-SAN BENITO, TX				X
BRYAN-COLLEGE STATION, TX		v.		X
BUFFALO, NY	X	Χ	X	Х
CAMBRIDGE, MA	X			
CAMDEN, NJ	Χ			
CANTON, OH			X	X
CEDAR RAPIDS, IOWA				X
CHAMPAIGN-URBANA, ILL				X
CHARLESTON, SC			X	X
CHARLESTON, WV				Χ
CHARLOTTE, NC			X	Χ
CHATTANOOGA, TENN-GA		X	X	Χ
CHICAGO, ILL	X	X	Χ	
CINCINNATI, OH-KY	X	Χ	X	
CLEVELAND, OH	Χ.	X	X	Χ
COLORADO SPRINGS, CO			X	X
COLUMBIA, MO				Χ

COLUMBIA, SC			Χ	Х
COLUMBUS, GA			Χ	
COLUMBUS, OH	Х	X	Χ	Х
CORPUS CHRISTI, TX			X	X
DALLAS, TX	X	X	X	X
DANBURY, CT	~	~	,	x
DAVENPORT, IOWA			Χ	^
DAYTON, OH	X	Х		v
DECATUR, ILL	^	^	X	X
· · · · · · · · · · · · · · · · · · ·	V	V	X	X
DENVER, CO	X	Х	X	X
DES MOINES, IA	X		X	Х
DETROIT, MICH	X	X	X	
DULUTH-SUPERIOR, MINN-WIS	X	X	X	Х
DURHAM, NC		X	Х	Χ
ELIZABETH, NJ	Χ			
EL PASO, TX			X	Х
ERIE, PA			Х	Х
EUGENE, OR				X
EVANSVILLE, IND-KY			X	X
FALL RIVER, MA-RI			X	
FAYETTEVILLE, NC				v
FITCHBURG-LEOMINSTER, MA				X
·	V	V	V	X
FLINT, MICH	X	Х	X	Х
FRESNO, CA			Х	
FT. LAUDERDALE-HOLLYWOOD, FL				Х
FT. SMITH, ARK			X	X
FT. WAYNE, IND			Χ	Χ
FT. WORTH, TX		X	Χ	
GADSDEN, AL			X	
GAINESVILLE, FL				Х
GALVESTON-TEXAS CITY, TX			Х	Χ
GARY, IND			X	
GRAND RAPIDS, MICH			x	Х
GREAT FALLS, MONT			^	X
GREEN BAY, WIS			Х	x
GREENSBORO-HIGH POINT, NC		Х		
GREENVILLE, SC		^	X	X
·			X	X
HAMILTON-MIDDLETOWN, OH			X	Х
HARRISBURG, PA			X	Х
HARTFORD, CT	X	X	Х	Х
HONOLULU, HI			X	Х
HOUSTON, TX	Χ	Χ	X	Χ
INDIANAPOLIS, IND	Χ	Х	Χ	Х
JACKSONVILLE, FL			X	Χ
JACKSON, MI			X	X
JACKSON, MS				X
JERSEY CITY, NJ	X		Χ	^
JOHNS TOVVN, PA	^			~
KALAMAZOO, MICH		~	X	X
	V	X	X	X
KANSAS CITY, KS-MO	X	Х	Χ	Х

KENOSHA, WIS				Χ
KNOXVILLE, TENN			Х	Х
LA CROSSE, WI				X
· · · · · · · · · · · · · · · · · · ·				
LAFAYETTE, IN				Х
LAFAYETTE, LA				Х
LAKE CHARLES, LA				X
LANCASTER, PA			X	Χ
LANSING, MICH			X	X
LAREDO, TX			X	
•				X
LAS VEGAS, NEV			X	X
LAWRENCE, MASS HAVERHILL, NH			X	Х
LAWTON, OKLA				Х
LEWISTON-AUBURN, MAINE				Χ
LEXINGTON, KY			X	X
LIMA, OH			X	x
LINCOLN, NEBR			X	Х
LITTLE ROCK, ARK			X	Х
LONG BEACH, CA	X			
LORAIN-ELYRIA, OH			Х	
LOS ANGELES-LONG BEACH, CA	X		X	
LOUISVILLE, KY-IND	X	X	X	
·	Λ	^		v
LOWELL, MA			X	X
LUBBOCK, TX			Х	Х
LYNCHBURG, VA				Х
MACON, GA	Х		X	X
MADISON, WIS			X	Х
MANCHESTER, NH			X	X
MANSFIELD, OH			^	X
•	V	V	V	
MEMPHIS, TENN	X	X	X	X
MERIDIEN, CT				Х
MIAMI, FL		Χ	Χ	
MIDLAND, TX				Χ
MILWAUKEE, WI	X	X	X	Χ
MINNEAPOLIS-ST. PAUL, MINN	X	~	X	^
MOBILE, AL	^			
·			X	
MONROE, LA			X	Х
MONTGOMERY, AL			X	
MUNCIE, IND			Χ	Χ
MUSKEGON, MICH			X	Х
NASHUA, NH				X
NASHVILLE, TN	X	Χ	<b>v</b>	X
•	^	^	X	^
NEW BEDFORD, MA			X	
NEW BRITAIN, CT			Х	Χ
NEW HAVEN, CT	X	Χ	Χ	
NEW ORLEANS, LA	X	Х	Χ	Χ
NEW YORK, NY	X		X	
NEWARK, NJ	X		X	
·	^			.,
NEWPORT NEWS-HAMPTON, VA			X	X
NORFOLK-PORTSMOUTH, VA		X	X	
NORWALK, CT			X	

ODESSA, TX			Х	X
OGDEN, UTAH			Х	Х
OAKLAND, CA	Χ			
OKLAHOMA CITY, OK	X	X	Х	
OMAHA, NEBR	,	X	X	
ORLANDO, FL		^	X	Х
·	Х	Χ	X	^
PATERSON-CLIFTON-PASSAIC, NJ	^	^	^	V
PENSACOLA, FL				X
PEORIA, ILL			X	X
PETERSBURG-COLONIAL HGTS, VA				Х
PHILADELPHIA, PA	Χ	X	X	
PHOENIX, AZ			X	Χ
PINEBLUFF, AR				Х
PITTSBURGH, PA	Χ	Χ	Χ	Х
PITTSFIELD, MA			X	Х
PORTLAND, ME			X	Χ
PORTLAND, OR-WA	Χ	X	X	X
PROVIDENCE, RI PAWTUCKET, MA	X	x	x	x
PROVO-OREM, UTAH	^	^	^	x
·			. v	
PUEBLO, CO			X	X
RACINE, WIS				X
RALEIGH, NC			X	X
READING, PA			X	Х
RENO, NEV				Х
RICHMOND, VA	Χ	X	X	Χ
ROANOKE, VA				Х
ROCHESTER, MN				Χ
ROCHESTER, NY	Χ	Х	X	Х
ROCKFORD, ILL			X	X
SACRAMENTO, CA		X	X	•
SAGINAW, MICH		,	x	Х
ST. JOSEPH, MO				X
ST. LOUIS, MO-ILL	~	Χ	~	
·	X	^	Х	Х
ST. PAUL, MN	Χ			v
SALEM, OR			.,	Х
SALT LAKE CITY, UTAH			X	X
SAN ANGELO TX			X	Х
SAN ANTONIO, TX			X	Х
SAN BERNARDINO-RIVERSIDE-ONTARIO, CA			Χ	
SAN DIEGO, CA		X	X	
SAN FRANCISCO, CA	Χ		X	
SAN JOSE, CA		Х	X	
SANTA BARBARA, CA		7.	X	
SAVANNAH, GA	Х		X	Х
SCRANTON, PA	^		X	X
SEATTLE, WA	Х	~		^
·	^	Х	Х	v
SHERMAN-DENISON, TX				X
SHREVEPORT, LA			X	X
SIOUX CITY, IA			X	Х
SIOUX FALLS, SD				Х

SOUTH BEND, IND			X	Χ
SPOKANE, WASH		Х	Χ	Χ
SPRINGFIELD, ILL				X
SPRINGFIELD, MO			X	Х
SPRINGFIELD-CHICOPEE-HOLYYOKE, MA		Χ	X	
SPRINGFIELD, OH			X	X
STAMFORD, CT			X	71
STEUBENVILLE, WEIRTON-OHIO-W. VA			X	
STOCKTON, CA			X	
SYRACUSE, NY	Χ	Χ	X	Х
TACOMA, WASH	^	x	x	X
TALLAHASSEE, FL		^	^	X
TAMPA-ST. PETERSBURG, FL			Х	
TERRE HAUTE, IND			^	Х
TEXARKANA, TX-ARK			X	x
TOLEDO, OH	Χ	Χ	X	x
TOPEKA, KS	^	^	X	x
TRENTON, NJ	Х	Х	x	x
TUCSON, AZ	^	^	X	x
TULSA, OK			X	x
TYLER, TX			X	
UTICA-ROME, NY		V		X
		Х	X	X
WACO, TX	V	V	X	X
WASHINGTON, DC-MD-VA	X	X	X	X
WATERLOO JOWA			X	v
WATERLOO, IOWA			Х	X
WEST PALM BEACH, FL		v		Х
WESTCHESTER CO, NY		X		
WHEELING, W. VA-OH			X	
WICHITA FALL, TX			X	
WICHITA, KS		X	X	Х
WILKES-BARRE-HAZLETON, PA			Х	Х
WILMINGTON, DEL-NJ			Х	X
WILMINGTON, NC				Х
WINSTON-SALEM, MA			Χ	
WORCHESTER, MA			X	Χ
YONKERS, NY	X			
YORK, PA			X	Χ
YOUNGSTOWN-WARREN, OH			Χ	Χ

#### APPENDICES

- $\begin{array}{c} \text{Appendix 1} \\ \text{CFSC Census tract tape data correspondence} \end{array}$
- Appendix 2
  Table 1-Selected Census Tract informatio for
  Nine Chicago Census Tracts
  - Table 2-Illustrative Regression results for Chicago Census Tracts

#### CFSC DATA CORRESPONDENCE

Censuses of 1940, 1950, 1960, 1970

The following data is compatable for all of 1940, 1950, 1960, 1970

#### Population [ ]

```
Total population
  total white
  total negro
  total male
  total female
  5 yr. age groups by male, female 0-75+ for totals
  5 yr. age groups by male, female o-75+ for whites
       (1940 must add native and foreign born whites)
Country of bfth of foreign born whites:
  United Kingdom
  Ireland
  Norway
 Sweden
 Germany
  Poland
 Czechoslovakia
 Austria
 Hungary
 U.S.S.R.
  Italy
 Canada
 Mexico
 "Other"
```

#### Schooling

```
Population 25+
No sclool years completed
Elementary 1-4
Elementary 5,6,7,8 (not strictly comparable)
lligh school 1-3
High school 4
College 1-3
College 4+
Not reported (1940,1950)
n.b. median school years is given for 1940, 1950;
must be computed for 1960, 1970.
```

#### Labor Force

```
Males, females aged 14+
                          (14-15 separate from 16+ in 1970)
In labor force
  Armed forces
  Employed civilian labor force
  Unemployed (seeking work)
Class of Worker
  Wage and salary
  Unpaid family worker
Not reported (?)
Occupation by male, female
  Professional, technical, kindred
  Managers, officials, proprietors
  Clerical and kindred
       Sales (not available for 1940)
  Operatives
  Private household workers
  Service
  Laborers
                (question of consistent definition 1940-1970)
      farm laborers 1960, 1970
Housing
Occupancy status
All Dwelling units
  Total occupied
    Total owner occupied
      White owner occupied
      Negro owner occupied
     Other non-white owner occupied
    Total rental occupied
     White tenant occupied
      Negro tenant occupied
      Other non-white lenant occupied
  Vacant ... catagory includes 1940 - Vacant for sale or rent; not for sale or rent;
                               1950 - Vacant non-seasonal; vacant seasonal:
                               1960 - Available vacant; other vacant
                               1970 - Vacant seasonal; for sale, for rent, other
Type of Unit
   (not available for 1960 tape, but see arrays 2093-2098)
  1-unit detached
  1-unit attached
 2 units
                    (n.b. allocation problem 1950)
 3-4 units
 5+ units
```

```
Number of persons per dwelling unit

1 note: 1940, 1960 - # persons per household
2 1950, 1970 - # persons per dwelling unit
3
4
5,6
7+
```

Number of dwelling units with 1.01 persons per room or more

#### Value of Home

1940	1950	1960	1970
500-	3000-	5000-	5000~
500-699	3000-3999	5000-7499	5000-7499
700-999	4000-4999	7500-9999	7500-9999
1000-1999	5000-7499	10000~12499	10000-12499
2000-2499	7500-9999	12500-14999	12500-14999
2500-2999	10000-14999	15000-17499	15000-17499
3000-3999	15000+	15500 <b>-1999</b> 9	17500-19999
5000-5999		20000~24999	20000-24999
6000-7499	(med:an)	25000-34999	25000-34999
7500-9999		35000+	35000-49999
10000-14999		\$	50000+
15000~19999			
20000+		•	

(median)

Monthly Contract Rent\*

\*Similar catagorization of values for 1940-1970

(Gross monthly rent also available)

Condition of Housing
Needing minor repairs
Lacking some or all plumbing facilities
Central heating
Radio, TV

n.b. other housing condition data is not consistent over the four censuses due to varying definitions of substandard by the Census Bureau

The following data is comparable for 1950, 1960, 1970 only

Income

(size catagories)
Marital status

Year structure built (by age catagories)

Geographical mobility

1 yr rates 1950

5 yr rates 1960

5 yr rates 1970

The following data is comparable for 1960 and 1970 only

Latitude and longitude Household relationship

School enrollment

Industry in which employed

Means of transportation to work

Place of work

Autos

Water and sewerage

Number of s'ories



## National Archives and Records Administration

8601 Adelphi Road College Park, Maryland 20740-6001

Date

April 14, 1999

Reply to

Attn of

NWME (Hull)

Subject

User Note #1: 1940 Census Tract Data Conversion

To

File

The files Census Tract Data, 1940: Elizabeth Mullen Bogue File data files were transferred to the National Archives and Records Administration in EBCDIC, with variable block/length records. At the beginning of each record is a 4-character compressed blocksize/record length counter, which is retained in the EBCDIC version and preservation copy of the file. The documentation and record layout conforms to the preservation copy of the data. If the data is converted to ASCII for distribution, the 4-character compressed blocksize/record length counter is necessarily dropped. Users can only obtain copies of the files in ASCII, if output to CD-ROM, with record delimited records. Therefore, users of ASCII versions of the files should be aware that positions of individual data elements in the records will be 4 positions less than that indicated on the record layout.

Note however that the general record layout for these data in ASCII is as follows:

For the City/Metro Level records, the geographic identifiers (file/record title and # of tracts) appear in positions 1-66; each data element thereafter is 8 characters in length to the end of the record.

For the Tract Level records, the Tract ID Number appears in positions 1-13; each data element thereafter is 5 characters in length to the end of the record.

Note finally that the original documentation that accompanied the transfer of these data to NARA is provided with the standard documentation package. If there is any question about the identification of a particular data element, researchers should consult the definitions in the original documentation.

Reference Copy Page 1

## National Archives and Records Administration

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#### Census Tract Data, 1940: Elizabeth Mullen Bogue File

Donated Historical Materials of
The Community and Family Study Center, University of Chicago
(Record Group CFS)

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NN3-CFS-96-999

September 16, 1998

8601 Adelphi Road College Park MD 20740-6001

Theodore J. Hull September 14, 1998 NN3-CFS-96-999

DOCUMENTATION FOR CENSUS TRACT DATA, 1940: ELIZABETH MULLEN BOGUE FILE

The data files known as the Census Tract Data, 1940: Elizabeth Mullen Bogue File, were deposited with the National Archives and Records Administration (NARA) by a deed of gift from Dr. Donald Boque of The Community and Family Study Center, University of Chicago. The 1940 Census Tract files were originally created by keypunching the data from the printed publications prepared by the Bureau of the Census. Record copies of these publications can be found in the Publications of the U.S. Government (Record Group 287). The 1940 census tract data reported in those publications were manually keypunched by The Community and Family Study Center, under the direction of Dr. Boque. Much of this work was accomplished by Elizabeth Mullen Bogue, the wife of the principle investigator, Ms. Maggie Gibson, and a number of other students and staff. Related funding for this project (for analysis and student training) came from a number of sources including the National Science Foundation, National Institute of Child Health and Human Development, U.S. Agency for International Development, and the Social Science Division of the University of Chicago.

One of Dr. Bogue's students, Dr. Michael White, obtained copies of the Census Tract Data files. Dr. White of the Population Studies and Training Center, Brown University, arranged for the transfer of these files to NARA on behalf of Dr. Bogue. The 1940 Census Tract Data came to NARA in March 1998, along with a copy of the original documentation.

The documentation indicates that the data were originally keypunched onto 38 cards per tract. NARA received 60 files, one per tracted city, with variable length records. There are two record types in each file; a 'city and metro level' record type with a record length of 3302 and a 'tract level' record type with a record length of 2037. Dr. White confirmed that at some point in time the original 80 column records (38 record per area) were concatenated into one long record per area. Note that the first

four bytes in each block/record is a binary block length/record counter. NARA prepared record layouts for each record type based on the original documentation and a review of the Census Tract publications for Augusta, Georgia, and Atlantic City, New Jersey.

The first two records in each file are for the 'city and metro level' data and the remainder of the records in the file contain 'tract level' data, arranged numerically by tract. Each file has two records at the beginning of each file; a 'metro level' record followed by a 'city level' record. When applicable, the 'metro level' record incorporates data tabulated for suburban tracts. In cities without suburban tracts, both a 'metro level' record and 'city level' record are included in the file, but the data are identical. The 'metro level' and 'city level' records are distinguished by the characters METR and CITY in columns 61-64 of the records.

Documentation for the 1940 Census Tract files consist of this introduction, a copy of the general description of 'Population and Housing-Statistics for Census Tracts' from a typical 1940 census tract publication, the original documentation for the keypunched files (38 cards per area), NARA produced record layouts for the 'city and metro level' and 'tract level' record types, and a NARA produced sample printout of records from the file for Atlantic City, New Jersey. The 'Population and Housing-Statistics for Census Tracts' description includes a list of the 60 tracted cities and indicates those that include surrounding suburban tracts as 'metro' areas. Included as supplemental documentation are copies of the 1940 Census Tract publications for Augusta, Georgia, and Atlantic City, New Jersey, and a copy of the Census Tract Manual (3rd edition, January 1947). Again, record copies of these publications can be found in the Publications of the U.S. Government (Record Group 287), or in various depository libaries across the United States. Among NARA's cartographic holdings are the original enumeration district maps, which also identify the tract areas for the 60 tracted cities.

Date : March 15, 2000

Reply to

Attn of : NWME (Hull)

Subject : User Note #2: Record Length/Block Counters

To : File

The Census Tract Data, 1940-1970: Elizabeth Mullen Bogue Files were transferred to NARA in EBCDIC format with variable length records. The record layouts for the 1940 files were produced based on the mis-understanding that at the beginning of each file was a 4-byte counter. This counter is actually an 8-byte, IBM-standard record length and blocksize counter. Therefore, the actual record layout should extend to 3306 bytes for the city/metro area records and 2041 bytes for the tract level records. Researchers using these files in EBCDIC format should be aware of this error and add 4-bytes to the beginning and ending position for each field in the EBCDIC record layout. Users requesting the files converted to ASCII, where the IBM-standard counters are replaced with ASCII 4-byte record counters, should be aware that the position of any field in the erroneous record layout will actually be correct.

The NARA prepared record layouts for 1950-1960 files account for an 8-byte record length/block size counter. However, the record layout assumes that the files are blocked one record per block. For some of the 1960 files, the files are blocked (as preserved) with five record per block. For the second and subsequent records in any block there is only a 4-byte counter at the start of each record, not an 8-byte counter. So the 1960 record layout is inaccurate in this way.

Sincerely,

THEODORE J. HULL Archivist Center for Electronic Records

## 1940 CENSUS TRACT DATA -LAYOUT FOR CITY AND METRO LEVEL DATA

BLOCKSIZE/RECORD LENGTH COUNTER FILE/RECORD TITLE NUMBER OF TRACTS GENERAL CHARACTERISTICS OF THE POPULATION	1-8 9-68 69-74
"CARD 1, FIELD 5" NEGRO POPULATION	75-82 83-90 91-98 99-106 107-114 115-122 123-130
"SOURCE TABLE 3, COUNTRY OF BIRTH OF FORIEGN "BIRTH OF FOREIGN BORN WHITE (MALES)	
"CARD 2, FIELD 1" ALL COUNTRIES "CARD 2, FIELD 2" ENGLAND AND WALES "CARD 2, FIELD 3" SCOTLAND "CARD 2, FIELD 4" NORTHERN IRELAND "CARD 2, FIELD 5" EIRE "CARD 2, FIELD 6" NORWAY "CARD 2, FIELD 6" NORWAY "CARD 2, FIELD 8" DENMARK "CARD 2, FIELD 9" NETHERLANDS "CARD 2, FIELD 9" NETHERLANDS "CARD 2, FIELD 10" BELGIUM "CARD 2, FIELD 11" SWITZERLAND "CARD 2, FIELD 12" FRANCE "CARD 2, FIELD 13" GERMANY "CARD 2, FIELD 15" CZECHOSLOVAKIA "CARD 2, FIELD 15" CZECHOSLOVAKIA "CARD 3, FIELD 16" AUSTRIA "CARD 3, FIELD 1" HUNGARY "CARD 3, FIELD 4" LITHUANIA "CARD 3, FIELD 5" FINLAND "CARD 3, FIELD 5" FINLAND "CARD 3, FIELD 5" FINLAND "CARD 3, FIELD 5" GREECE "CARD 3, FIELD 6" ROMANIA "CARD 3, FIELD 5" GREECE "CARD 3, FIELD 8" ITALY "CARD 3, FIELD 8" ITALY "CARD 3, FIELD 10" OTHER EUROPE "CARD 3, FIELD 11" ASIA "CARD 3, FIELD 11" NEWFOUNDLAND "CARD 3, FIELD 14" NEWFOUNDLAND "CARD 3, FIELD 14" NEWFOUNDLAND	131-138 139-146 147-154 155-162 163-170 171-178 179-186 187-194 195-202 203-210 211-218 219-226 227-234 235-242 243-250 251-258 259-266 267-274 275-282 283-290 291-298 299-306 307-314 315-322 323-330 331-338 339-346 347-354 355-362 363-370 371-378
"CARD 3, FIELD 16" CUBA "CARD 4, FIELD 1" CENTRAL AMERICA "CARD 4, FIELD 2" OTHER	379-386 387-394 395-402

"SOURCE TABLE 3, COUNTRY OF BIRTH OF FORIEGN BORN WHITE (FEMALES)" BIRTH OF FOREIGN BORN WHITE (FEMALES)

"CARD 5, FIELD 1" ALL COUNTRIES	403-410
"CARD 5, FIELD 2" ENGLAND AND WALES	411-418
"CARD 5, FIELD 3" SCOTLAND	419-426
"CARD 5, FIELD 4" NORTHERN IRELAND	427-434
"CARD 5, FIELD 5" EIRE	435-442
"CARD 5, FIELD 6" NORWAY	443-450
"CARD 5, FIELD 7" SWEDEN	451-458
"CARD 5, FIELD 8" DENMARK	459-468
"CARD 5, FIELD 9" NETHERLANDS	469-474
"CARD 5, FIELD 10" BELGIUM	475-482
"CARD 5, FIELD 11" SWITZERLAND	483-490
"CARD 5, FIELD 12" FRANCE	491-498
"CARD 5, FIELD 13" GERMANY	499-506
"CARD 5, FIELD 14" POLAND	507-514
"CARD 5, FIELD 15" CZECHOSLOVAKIA	515-522
"CARD 5, FIELD 16" AUSTRIA	523-530
"CARD 6, FIELD 1" HUNGARY	531-538
"CARD 6, FIELD 2" YUGOSLAVIA	539-546
"CARD 6, FIELD 3" RUSSIA	547-554
"CARD 6, FIELD 4" LITHUANIA	555-562
"CARD 6, FIELD 5" FINLAND	563-570
"CARD 6, FIELD 6" ROMANIA	571-578
"CARD 6, FIELD 7" GREECE	579-586
"CARD 6, FIELD 8" ITALY	587-594
"CARD 6, FIELD 9" SPAIN & PORTUGAL	595-602
"CARD 6, FIELD 10" OTHER EUROPE	603-610
"CARD 6, FIELD 11" ASIA	611-618
"CARD 6, FIELD 12" CANADA-FRENCH	619-626
"CARD 6, FIELD 13" CANADA-OTHER	627-634
"CARD 6, FIELD 14" NEWFOUNDLAND	635-642
"CARD 6, FIELD 15" MEXICO	643-650
"CARD 6, FIELD 16" CUBA	651-658
"CARD 7, FIELD 1" CENTRAL AMERICA	659-666
"CARD 7, FIELD 2" OTHER	667-674
"SOURCE TABLE 3, YEARS OF SCHOOL COMPLETED (MALES)"	
SOURCE TABLE 3, TEARS OF SCHOOL COMPLETED (MALES)	
"CARD 8, FIELD 1" PERSON 25 & OVER	675-682
"CARD 8, FIELD 2" NO SCHOOL COMPLETED	683-690
"CARD 8, FIELD 3" ELEMENTARY 1-4	691-698
"CARD 8, FIELD 4" ELEMENTARY 5-6	699-706
"CARD 8, FIELD 5" ELEMENTARY 7-8	707-710
"CARD 8, FIELD 6" HIGH SCHOOL 1-3	711-722
"CARD 8, FIELD 7" HIGH SCHOOL 4	723-730
"CARD 8, FIELD 7" HIGH SCHOOL 4" "CARD 8, FIELD 8" COLLEGE 1-3	731-738
"CARD 8, FIELD 9" COLLEGE 4+	739-746
•	
"CARD 8, FIELD 10" NOT REPORTED  "CARD 8, FIELD 11" MEDIAN	747-754 755-762
CUID O' LIEDD II MEDIUM	133-102

#### "SOURCE TABLE 3, YEARS OF SCHOOL COMPLETED (FEMALES)"

"CARD 9, FIELD 1" PERSON 25 & OVER	763-770
"CARD 9, FIELD 2" NO SCHOOL COMPLETED	771-778
"CARD 9, FIELD 3" ELEMENTARY 1-4	779-786
"CARD 9, FIELD 4" ELEMENTARY 5-6	787-794
"CARD 9, FIELD 5" ELEMENTARY 7-8	795-802
"CARD 9, FIELD 6" HIGH SCHOOL 1-3	803-810
	811-818
"CARD 9, FIELD 7" HIGH SCHOOL 4 "CARD 9, FIELD 8" COLLEGE 1-3	819-826
•	
"CARD 9, FIELD 9" COLLEGE 4+	827-834
"CARD 9, FIELD 10" NOT REPORTED	835-842 843-850
"CARD 9, FIELD 11" MEDIAN	843-850
"AGE BY RACE BY MALES, SOURCE TABLE 2"	
### 10	051 050
"CARD 10, FIELD 1" MALE POPULATION	851-858
"CARD 10, FIELD 2" UNDER 5 YEARS	859-866
"CARD 10, FIELD 3" AGE 5-9	867-874
"CARD 10, FIELD 4" AGE 10-14	875-882
"CARD 10, FIELD 5" AGE 15-19	883-890
"CARD 10, FIELD 6" AGE 20-24	891-898
"CARD 10, FIELD 7" AGE 25-29	899-906
"CARD 10, FIELD 8" AGE 30-34	907-914
"CARD 10, FIELD 9" AGE 35-39	915-922
"CARD 10, FIELD 10" AGE 40-44	923-930
"CARD 10, FIELD 11" AGE 45-49	931-938
"CARD 10, FIELD 12" AGE 50-54	939-946
"CARD 10, FIELD 13" AGE 55-59	947-954
"CARD 10, FIELD 14" AGE 60-64	955-962
"CARD 10, FIELD 15" AGE 65-69	963-970
"CARD 11, FIELD 1" AGE 70-74	971-978
"CARD 11, FIELD 2" AGE 75+	979-986
"CARD 11, FIELD 3" UNDER 1 YEAR	987-994
"CARD 11, FIELD 4" 5 YEARS	995-1002
"CARD 11, FIELD 5" 14 YEARS	1003-1010
"CARD 11, FIELD 6" 16-17 YEARS	1011-1018
"CARD 11, FIELD 7" 21 AND OVER	1019-1026
"AGE BY RACE BY FEMALES, SOURCE TABLE 2"	
"CARD 12, FIELD 1" FEMALE POPULATION	1027-1034
"CARD 12, FIELD 2" UNDER 5 YEARS	1034-1042
"CARD 12, FIELD 3" AGE 5-9	1043-1050
"CARD 12, FIELD 4" AGE 10-14	1051-1058
"CARD 12, FIELD 5" AGE 15-19	1059-1066
"CARD 12, FIELD 6" AGE 20-24	1067-1074
"CARD 12, FIELD 7" AGE 25-29	1075-1082
"CARD 12, FIELD 8" AGE 30-34	1083-1090
"CARD 12, FIELD 9" AGE 35-39	1091-1098
"CARD 12, FIELD 10" AGE 40-44	1099-1106
"CARD 12, FIELD 11" AGE 45-49	1107-1114
"CARD 12, FIELD 12" AGE 50-54	1115-1122
"CARD 12, FIELD 13" AGE 55-59	1123-1130
"CARD 12, FIELD 14" AGE 60-64	1131-1138

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"CARD 12, FIELD 15" AGE 65-69
                                                             1139-1146
"CARD 13, FIELD 1" AGE 70-74
                                                             1147-1154
"CARD 13, FIELD 2" AGE 75+
                                                             1155-1162
"CARD 13, FIELD 3" UNDER 1 YEAR
                                                             1163-1170
"CARD 13, FIELD 4" 5 YEARS
                                                             1171-1178
"CARD 13, FIELD 5" 14 YEARS
                                                            1179-1186
"CARD 13, FIELD 6" 16-17 YEARS
                                                             1187-1194
"CARD 13, FIELD 7" 21 AND OVER
                                                             1195-1202
"AGE BY NATIVE WHITE MALES, SOURCE TABLE 2"
"CARD 14, FIELD 1" MALE POPULATION
                                                             1203-1210
"CARD 14, FIELD 2" UNDER 5 YEARS
                                                             1211-1218
"CARD 14, FIELD 3" AGE 5-9
                                                             1219-1226
"CARD 14, FIELD 4" AGE 10-14
                                                            1227-1234
"CARD 14, FIELD 5" AGE 15-19
                                                             1235-1242
"CARD 14, FIELD 6" AGE 20-24
                                                             1243-1250
"CARD 14, FIELD 7" AGE 25-29
                                                             1251-1258
"CARD 14, FIELD 8" AGE 30-34
                                                            1259-1266
"CARD 14, FIELD 9" AGE 35-39
                                                            1267-1274
"CARD 145, FIELD 10" AGE 40-44
                                                            1275-1282
"CARD 14, FIELD 11" AGE 45-49
                                                            1283-1290
"CARD 14, FIELD 12" AGE 50-54
                                                             1291-1298
"CARD 14, FIELD 13" AGE 55-59
                                                             1299-1306
"CARD 14, FIELD 14" AGE 60-64
                                                             1307-1314
"CARD 14, FIELD 15" AGE 65-69
                                                             1315-1322
"CARD 15, FIELD 1" AGE 70-74
                                                            1323-1330
"CARD 15, FIELD 2" AGE 75+
                                                            1331-1334
"CARD 15, FIELD 3" UNDER 1 YEAR
                                                             1335-1346
"CARD 15, FIELD 4" 5 YEARS
                                                             1347-1354
"CARD 15, FIELD 5" 14 YEARS
                                                             1355-1362
"CARD 15, FIELD 6" 16-17 YEARS
                                                             1363-1370
"CARD 15, FIELD 7" 21 AND OVER
                                                             1371-1378
"AGE BY NATIVE WHITE FEMALES, SOURCE TABLE 2"
"CARD 16, FIELD 1" FEMALE POPULATION
                                                             1378-1386
"CARD 16, FIELD 2" UNDER 5 YEARS
                                                             1386-1394
"CARD 16, FIELD 3" AGE 5-9
                                                             1395-1402
"CARD 16, FIELD 4" AGE 10-14
                                                             1403-1410
"CARD 16, FIELD 5" AGE 15-19
                                                             1411-1418
"CARD 16, FIELD 6" AGE 20-24
                                                            1419-1426
"CARD 16, FIELD 7" AGE 25-29
                                                             1427-1434
"CARD 16, FIELD 8" AGE 30-34
                                                             1435-1442
"CARD 16, FIELD 9" AGE 35-39
                                                             1443-1450
"CARD 16, FIELD 10" AGE 40-44
                                                            1451-1458
"CARD 16, FIELD 11" AGE 45-49
                                                            1459-1466
"CARD 16, FIELD 12" AGE 50-54
                                                            1467-1474
"CARD 167, FIELD 13" AGE 55-59
                                                             1475-1482
"CARD 16, FIELD 14" AGE 60-64
                                                             1483-1490
"CARD 16, FIELD 15" AGE 65-69
                                                             1491-1498
"CARD 17, FIELD 1" AGE 70-74
                                                            1499-1506
"CARD 17, FIELD 2" AGE 75+
                                                            1507-1514
"CARD 17, FIELD 3" UNDER 1 YEAR
                                                            1515-1522
"CARD 17, FIELD 4" 5 YEARS
                                                            1523-1530
"CARD 17, FIELD 5" 14 YEARS
                                                             1531-1538
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"CARD 17, FIELD 6" 16-17 YEARS
                                                             1539-1546
"CARD 17, FIELD 7" 21 AND OVER
                                                             1547-1554
"AGE BY FOREIGN BORN WHITE MALES, SOURCE TABLE 2"
"CARD 18, FIELD 1" MALE POPULATION
                                                             1555-1562
"CARD 18, FIELD 2" UNDER 5 YEARS
                                                             1563-1570
"CARD 18, FIELD 3" AGE 5-9
                                                             1571-1578
"CARD 18, FIELD 4" AGE 10-14
                                                             1579-1586
"CARD 18, FIELD 5" AGE 15-19
                                                             1587-1594
"CARD 18, FIELD 6" AGE 20-24
                                                            1595-1602
"CARD 18, FIELD 7" AGE 25-29
                                                            1603-1610
"CARD 18, FIELD 8" AGE 30-34
                                                            1611-1618
"CARD 18, FIELD 9" AGE 35-39
                                                            1619-1626
"CARD 18, FIELD 10" AGE 40-44
                                                            1627-1634
"CARD 18, FIELD 11" AGE 45-49
                                                            1635-1642
"CARD 18, FIELD 12" AGE 50-54
                                                             1643-1650
"CARD 18, FIELD 13" AGE 55-59
                                                            1651-1658
"CARD 18, FIELD 14" AGE 60-64
                                                            1659-1666
                                                            1667-1674
"CARD 18, FIELD 15" AGE 65-69
"CARD 19, FIELD 1" AGE 70-74
                                                            1675-1682
"CARD 19, FIELD 2" AGE 75+
                                                            1683-1690
"CARD 19, FIELD 3" UNDER 1 YEAR
                                                            1691-1698
"CARD 19, FIELD 4" 5 YEARS
                                                             1699-1706
"CARD 19, FIELD 5" 14 YEARS
                                                            1707-1714
"CARD 19, FIELD 6" 16-17 YEARS
                                                            1715-1722
"CARD 19, FIELD 7" 21 AND OVER
                                                            1723-1730
"AGE BY FOREIGN BORN WHITE FEMALES, SOURCE TABLE 2"
"CARD 20, FIELD 1" FEMALE POPULATION
                                                             1731-1738
"CARD 20, FIELD 2" UNDER 5 YEARS
                                                             1739-1746
"CARD 20, FIELD 3" AGE 5-9
                                                             1747-1754
"CARD 20, FIELD 4" AGE 10-14
                                                            1755-1762
"CARD 20, FIELD 5" AGE 15-19
                                                            1763-1770
"CARD 20, FIELD 6" AGE 20-24
                                                             1771-1778
"CARD 20, FIELD 7" AGE 25-29
                                                             1779-1786
"CARD 20, FIELD 8" AGE 30-34
                                                            1787-1794
"CARD 20, FIELD 9" AGE 35-39
                                                            1795-1802
"CARD 20, FIELD 10" AGE 40-44
                                                            1803-1810
"CARD 20, FIELD 11" AGE 45-49
                                                            1811-1818
"CARD 20, FIELD 12" AGE 50-54
                                                            1819-1826
"CARD 20, FIELD 13" AGE 55-59
                                                            1827-1834
"CARD 20, FIELD 14" AGE 60-64
                                                            1835-1842
"CARD 20, FIELD 15" AGE 65-69
                                                            1843-1850
"CARD 21, FIELD 1" AGE 70-74
                                                            1851-1858
"CARD 21, FIELD 2" AGE 75+
                                                            1859-1866
"CARD 21, FIELD 3" UNDER 1 YEAR
                                                            1867-1874
"CARD 21, FIELD 4" 5 YEARS
                                                            1875-1882
"CARD 21, FIELD 5" 14 YEARS
                                                            1883-1890
"CARD 21, FIELD 6" 16-17 YEARS
                                                            1891-1898
"CARD 21, FIELD 7" 21 AND OVER
                                                            1899-1906
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#### "EMPLOYMENT STATUS (MALES), SOURCE TABLE 3"

, , , , , , , , , , , , , , , , , , , ,	
"CARD 22, FIELD 1" MALES 14 AND OVER "CARD 22, FIELD 2" IN LABOR FORCE "CARD 22, FIELD 3" EMPLOYED "CARD 22, FIELD 4" WAGE AND SALARY "CARD 22, FIELD 5" EMPLOYERS "CARD 22, FIELD 6" UNPAID FAMILY WORKERS "CARD 22, FIELD 7" NOT REPORTED "CARD 22, FIELD 8" PUBLIC EMERGENCY WORK "CARD 22, FIELD 9" SEEKING WORK "CARD 22, FIELD 10" EXPERIENCED WORKERS "CARD 22, FIELD 11" NEW WORKERS "CARD 23, FIELD 11" NOT IN LABOR FORCE "CARD 23, FIELD 2" HOUSEWORK "CARD 23, FIELD 3" SCHOOL "CARD 23, FIELD 5" INSTITUTIONS "CARD 23, FIELD 6" OTHER	1907-1914
"CARD 22, FIELD 2" IN LABOR FORCE	1915-1922
"CARD 22, FIELD 3" EMPLOYED	1923-1930
"CARD 22, FIELD 4" WAGE AND SALARY	1931-1938
CARD 22, FIELD 4 WAGE AND SALARI	1931-1936
"CARD 22, FIELD 5" EMPLOYERS	1939-1946
"CARD 22, FIELD 6" UNPAID FAMILY WORKERS	1947-1954
"CARD 22, FIELD 7" NOT REPORTED	1955-1962
"CARD 22, FIELD 8" PUBLIC EMERGENCY WORK	1963-1970
"CARD 22, FIELD 9" SEEKING WORK	1971-1978
"CARD 22, FIELD 10" EXPERIENCED WORKERS	1979-1986
"CARD 22, FIELD 11" NEW WORKERS	1987-1994
"CARD 23, FIELD 1" NOT IN LABOR FORCE	1995-2002
"CARD 23, FIELD 2" HOUSEWORK	2003-2010
"CARD 23, FIELD 3" SCHOOL	2011-2018
"CARD 23, FIELD 4" UNABLE TO WORK	2019-2026
"CARD 23, FIELD 5" INSTITUTIONS	2027-2034
"CARD 23, FIELD 6" OTHER	2035-2042
CARD 23, FIELD O OTHER	2033 2012
"EMPLOYMENT STATUS (FEMALES), SOURCE TABLE 3"	
"CARD 24, FIELD 1" FEMALES 14 AND OVER "CARD 24, FIELD 2" IN LABOR FORCE "CARD 24, FIELD 3" EMPLOYED "CARD 24, FIELD 4" WAGE AND SALARY "CARD 24, FIELD 5" EMPLOYERS	2043-2050
"CARD 24, FIELD 2" IN LABOR FORCE	2051-2058
"CARD 24, FIELD 3" EMPLOYED	2059-2066
"CARD 24, FIELD 3" EMPHOTED "CARD 24, FIELD 4" WAGE AND SALARY	2067-2074
CARD 24, FIELD 4 WAGE AND SALARI	2075-2082
"CARD 24, FIELD 5" EMPLOYERS	20/5-2062
"CARD 24, FIELD 4" WAGE AND SALARY "CARD 24, FIELD 5" EMPLOYERS "CARD 24, FIELD 6" UNPAID FAMILY WORKERS "CARD 24, FIELD 7" NOT REPORTED "CARD 24, FIELD 8" PUBLIC EMERGENCY WORK "CARD 24, FIELD 9" SEEKING WORK "CARD 24, FIELD 10" EXPERIENCED WORKERS "CARD 24, FIELD 11" NEW WORKERS "CARD 25, FIELD 1" NOT IN LABOR FORCE "CARD 25, FIELD 2" HOUSEWORK "CARD 25, FIELD 3" SCHOOL "CARD 25, FIELD 4" UNABLE TO WORK "CARD 25, FIELD 5" INSTITUTIONS "CARD 25, FIELD 6" OTHER	2083-2090
"CARD 24, FIELD 7" NOT REPORTED	2091-2098
"CARD 24, FIELD 8" PUBLIC EMERGENCY WORK	2099-2106
"CARD 24, FIELD 9" SEEKING WORK	2107-2114
"CARD 24, FIELD 10" EXPERIENCED WORKERS	2115-2122
"CARD 24, FIELD 11" NEW WORKERS	2123-2130
"CARD 25, FIELD 1" NOT IN LABOR FORCE	2131-2138
"CARD 25, FIELD 2" HOUSEWORK	2139-2146
"CARD 25, FIELD 3" SCHOOL	2147-2154
"CARD 25, FIELD 4" UNABLE TO WORK	2155-2162
"CARD 25, FIELD 5" INSTITUTIONS	2163-2170
"CARD 25, FIELD 6" OTHER	2171-2178
GIAID 16, 11222 C GIAZII	2272 2270
"MAJOR OCCUPATIONAL GROUP (MALES), SOURCE TABLE 3"	
PAUOR OCCUPATIONAL GROUP (MALES), SOURCE TABLE 3"	
"CARD 26, FIELD 1" MALES EMPLOYED	2179-2186
"CARD 26, FIELD 2" PROFESSIONAL	2187-2194
"CARD 26, FIELD 3" SEMIPROFESSIONAL	2195-2202
"CARD 26, FIELD 4" PROPRIETORS	2203-2210
"CARD 26, FIELD 4 PROPRIETORS "CARD 26, FIELD 5" CLERICAL	2211-2218
	2211-2216
"CARD 26, FIELD 6" CRAFTMEN	
"CARD 26, FIELD 7" OPERATIVES	2227-2234
"CARD 26, FIELD 8" DOMESTICS	2235-2242
"CARD 26, FIELD 9" SERVICE WORKERS	2243-2250
"CARD 26, FIELD 10" LABORERS	2251-2258
"CARD 26, FIELD 11" NOT REPORTED	2259-2266

#### "MAJOR OCCUPATIONAL GROUP (FEMALES), SOURCE TABLE 3"

"MAJOR OCCUPATIONAL GROUP (FEMALES), SOURCE IF	
"CARD 27, FIELD 1" FEMALES EMPLOYED "CARD 27, FIELD 2" PROFESSIONAL "CARD 27, FIELD 3" SEMIPROFESSIONAL "CARD 27, FIELD 4" PROPRIETORS "CARD 27, FIELD 5" CLERICAL "CARD 27, FIELD 6" CRAFTMEN "CARD 27, FIELD 7" OPERATIVES "CARD 27, FIELD 8" DOMESTICS "CARD 27, FIELD 9" SERVICE WORKERS "CARD 27, FIELD 10" LABORERS "CARD 27, FIELD 11" NOT REPORTED	2267_2274
CARD 27, FIELD I FEMALES EMPLOYED	2275 2274
"CARD 27, FIELD 2" PROFESSIONAL	22/5-2282
"CARD 27, FIELD 3" SEMIPROFESSIONAL	2283-2290
"CARD 27, FIELD 4" PROPRIETORS	2291-2298
"CARD 27, FIELD 5" CLERICAL	2299-2306
"CARD 27, FIELD 6" CRAFTMEN	2307-2314
"CARD 27, FIELD 7" OPERATIVES	2315-2322
"CARD 27, FIELD 8" DOMESTICS	2323-2330
"CARD 27, FIELD 9" SERVICE WORKERS	2331-2338
"CARD 27. FIELD 10" LABORERS	2339-2346
"CARD 27 FIELD 11" NOT REPORTED	2347-2354
ones 2, , Tibbs II Not Reforme	231, 2331
HDMHI I ING IINITHO DV OGGIDANOV GHAHIO AND DAGE	COUDGE WADER AU
"DWELLING UNITS BY OCCUPANCY STATUS AND RACE,	SOURCE TABLE 4"
"CARD 28, FIELD 1" ALL DWELLING UNITS "CARD 28, FIELD 2" TOTAL OWNER OCCUPIED "CARD 28, FIELD 3" WHITE OWNER OCCUPIED "CARD 28, FIELD 4" NEGRO OWNER OCCUPIED "CARD 28, FIELD 5" OTHER NONWHITE OWNER OCCUPIED "CARD 28, FIELD 6" TOTAL TENANT OCCUPIED "CARD 28, FIELD 7" WHITE TENANT OCCUPIED "CARD 28, FIELD 8" NEGRO TENANT OCCUPIED	0255 0260
"CARD 28, FIELD I" ALL DWELLING UNITS	2355-2362
"CARD 28, FIELD 2" TOTAL OWNER OCCUPIED	2363-2370
"CARD 28, FIELD 3" WHITE OWNER OCCUPIED	2371-2378
"CARD 28, FIELD 4" NEGRO OWNER OCCUPIED	2379-2386
"CARD 28, FIELD 5" OTHER NONWHITE OWNER OCCUPI	ED 2387-2394
"CARD 28, FIELD 6" TOTAL TENANT OCCUPIED	2395-2402
"CARD 28. FIELD 7" WHITE TENANT OCCUPTED	2403-2410
"CARD 28 FIFT.D 8" NFCRO TENANT OCCUPTED	2411-2418
"CADD 20, FIELD 0 NEGRO LEMANT OCCULTED	2111 2110
UARD 20, FIELD 9 OTHER NORWHITE TENANT OCCUP	2419-2420
"CARD 28, FIELD 8" NEGRO TENANT OCCUPIED "CARD 28, FIELD 9" OTHER NONWHITE TENANT OCCUPIED "CARD 28, FIELD 10" VACANT FOR SALE OR RENT "CARD 28, FIELD 11" VACANT NOT FOR SALE OF RENT	2427-2434
"CARD 28, FIELD II" VACANT NOT FOR SALE OF REN	11 2435-2442
"TYPE OF STRUCTURE, SOURCE TABLE 6"	
"CARD 29, FIELD 1" ONE-FAMILY DETACHED "CARD 29, FIELD 2" ONE-FAMILY ATTACHED "CARD 29, FIELD 3" TWO-FAMILY SIDE BY SIDE "CARD 29, FIELD 4" TWO-FAMILY OTHER "CARD 29, FIELD 5" THREE-FAMILY "CARD 29, FIELD 6" FOUR-FAMILY "CARD 29, FIELD 7" ONE-FOUR-FAMILY WITH BUSINE	
"CARD 29, FIELD 1" ONE-FAMILY DETACHED	2443-2450
"CARD 29, FIELD 2" ONE-FAMILY ATTACHED	2451-2458
"CARD 29, FIELD 3" TWO-FAMILY SIDE BY SIDE	2459-2466
"CARD 29, FIELD 4" TWO-FAMILY OTHER	2467-2474
"CARD 29, FIELD 5" THREE-FAMILY	2475-2482
"CARD 29, FIELD 6" FOUR-FAMILY	2483-2490
"CARD 29, FIELD 6" FOUR-FAMILY "CARD 29, FIELD 7" ONE-FOUR-FAMILY WITH BUSINE	SS 2491-2498
"CARD 29, FIELD 8" FIVE-NINE-FAMILY	2499-2506
"CARD 29, FIELD 9" TEN-NINETEEN-FAMILY	2507-2514
	2515-2522
"CARD 29, FIELD 10" TWENTY-FAMILY+	
"CARD 29, FIELD 11" OTHER	2523-2530
	_
"NUMBER OF PERSONS IN HOUSEHOLDS, SOURCE TABLE	C 6"
"CARD 30, FIELD 1" ALL OCCUPIED UNITS	2531-2538
"CARD 30, FIELD 2" 1-PERSON	2539-2546
"CARD 30, FIELD 3" 2-PERSONS	2547-2554
"CARD 30, FIELD 4" 3-PERSONS	2555-2562
"CARD 30, FIELD 5" 4-PERSONS	2563-2570
"CARD 30, FIELD 6" 5-PERSONS	
"CARD 30, FIELD 6 5-PERSONS	
	2571-2578
	2571-2578 2579-2586
"CARD 30, FIELD 8" 7-PERSONS	2571-2578 2579-2586 2587-2594
"CARD 30, FIELD 8" 7-PERSONS "CARD 30, FIELD 9" 8-PERSONS	2571-2578 2579-2586 2587-2594 2595-2602
"CARD 30, FIELD 8" 7-PERSONS	2571-2578 2579-2586 2587-2594

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"CARD 30, FIELD 11" 10-PERSONS
                                                             2611-2618
"CARD 30, FIELD 12" 11-PERSONS
                                                             2619-2626
"PERSONS PER ROOM, SOURCE TABLE 6"
"CARD 31, FIELD 1" UNDER .51
                                                             2627-2634
"CARD 31, FIELD 2" .51-.75
                                                             2635-2642
"CARD 31, FIELD 3" .76-1.00
                                                             2643-2650
"CARD 31, FIELD 4" 1.01-1.50 ALL OCCUPIED UNITS
                                                             2651-2658
"CARD 31, FIELD 5" 1.51-2.00
                                                             2659-2666
"CARD 31, FIELD 6" 2.01+
                                                             2667-2674
"CARD 31, FIELD 7" NOT REPORTING
                                                             2675-2682
"CARD 31, FIELD 8" UNDER .51
                                                             2683-2690
"CARD 31, FIELD 9" .51-.75
                                                             2691-2698
"CARD 31, FIELD 10" .76-1.00
                                                             2699-2706
"CARD 31, FIELD 11" 1.01-1.50 TENANT OCCUPIED
                                                             2707-2714
"CARD 31, FIELD 12" 1.51-2.00
                                                            2715-2722
"CARD 31, FIELD 13" 2.01+
                                                            2723-2730
"CARD 31, FIELD 14" NOT REPORTING
                                                             2731-2738
"VALUE OF HOME, SOURCE TABLE 5"
"CARD 32, FIELD 1" NUMBER REPORTING
                                                             2739-2746
"CARD 32, FIELD 2" UNDER 500
                                                             2747-2754
"CARD 32, FIELD 3" 500-699
                                                             2755-2762
"CARD 32, FIELD 4" 700-999
                                                             2763-2770
"CARD 32, FIELD 5" 1000-1499
                                                             2771-2778
"CARD 32, FIELD 6" 1500-1999
                                                             2779-2786
"CARD 32, FIELD 7" 2000-2499
                                                             2787-2794
"CARD 32, FIELD 8" 2500-2999
                                                             2795-2802
"CARD 32, FIELD 9" 3000-3999
                                                             2803-2810
"CARD 32, FIELD 10" 4000-4999
                                                             2811-2818
"CARD 32, FIELD 11" 5000-5999
                                                             2819-2826
"CARD 32, FIELD 12" 6000-7499
                                                             2827-2834
"CARD 32, FIELD 13" 7500-9999
                                                             2835-2842
"CARD 32, FIELD 14" 10000-14999
                                                             2843-2850
"CARD 32, FIELD 15" 15000-19999
                                                             2851-2858
"CARD 33, FIELD 1" 20000+
                                                             2859-2872
"CARD 33, FIELD 2" MEDIAN
                                                             2873-2874
"CONTRACT MONTHLY RENT, SOURCE TABLE 5"
"CARD 34, FIELD 1" NUMBER REPORTING
                                                             2875-2882
"CARD 34, FIELD 2" UNDER 5
                                                             2883-2890
"CARD 34, FIELD 3" 5-6
                                                             2891-2898
"CARD 34, FIELD 4" 7-9
                                                             2899-2906
"CARD 34, FIELD 5" 10-14
                                                             2907-2914
"CARD 34, FIELD 6" 15-19
                                                             2915-2922
"CARD 34, FIELD 7" 20-24
                                                             2923-2930
"CARD 34, FIELD 8" 25-29
                                                             2931-2938
"CARD 34, FIELD 9" 30-39
                                                             2939-2946
"CARD 34, FIELD 10" 40-49
                                                             2947-2954
"CARD 34, FIELD 11" 50-59
                                                             2955-2962
"CARD 34, FIELD 12" 60-74
                                                             2963-2970
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"CARD 34, FIELD 13" 75-99
                                                            2971-2978
"CARD 34, FIELD 14" 100-149
                                                            2979-2986
"CARD 34, FIELD 15" 150-199
                                                            2987-2994
"CARD 35, FIELD 1" 200+
                                                            2995-3002
"CARD 35, FIELD 2" MEDIAN
                                                            3003-3010
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"CARD 36, FIELD 1" NUMBER REPORTING
                                                            3011-3018
"CARD 36, FIELD 2" UNDER 5
                                                            3019-3026
"CARD 36, FIELD 3" 5-6
                                                            3027-3034
"CARD 36, FIELD 4" 7-9
                                                            3035-3042
"CARD 36, FIELD 5" 10-14
                                                            3043-3050
"CARD 36, FIELD 6" 15-19
                                                            3051-3058
"CARD 36, FIELD 7" 20-24
                                                            3059-3066
"CARD 36, FIELD 8" 25-29
                                                            3067-3074
"CARD 36, FIELD 9" 30-39
                                                            3075-3082
"CARD 36, FIELD 10" 40-49
                                                            3083-3090
"CARD 36, FIELD 11" 50-59
                                                            3091-3098
"CARD 36, FIELD 12" 60-74
                                                            3099-3106
"CARD 36, FIELD 13" 75-99
                                                            3107-3114
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                                                            3131-3138
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                                                            3139-3146
"CARD 37, FIELD 3" "--TOILET, NO BATH"
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"CARD 37, FIELD 4" "WATER, NO TOILET"
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"CARD 37, FIELD 5" --NO WATER
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"CARD 37, FIELD 6" NEEDING MAJOR REPAIRS
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"CARD 37, FIELD 8" "TOILET, NO BATH"
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"CARD 37, FIELD 9" "WATER, NO TOILET "
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"CARD 38, FIELD 1" RADIO
                                                            3219-3226
"CARD 38, FIELD 2" NO RADIO
                                                            3227-3234
"CARD 38, FIELD 3" NOT REPORTING
                                                            3235-3242
"CARD 38, FIELD 4" REFRIGERATION--MECHANICAL
                                                            3243-3250
"CARD 38, FIELD 5" ICE
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"CARD 38, FIELD 6" OTHER
                                                            3259-3266
"CARD 38, FIELD 7" NONE
                                                            3267-3274
"CARD 38, FIELD 8" NOT REPORTED
                                                            3275-3282
"CARD 38, FIELD 9" CENTRAL HEAT
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"CARD 38, FIELD 10" NO CENTRAL HEAT
                                                           3291-3298
"CARD 38, FIELD 11" NOT REPORTED
                                                            3297-3306
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# 1940 CENSUS TRACT DATA -LAYOUT FOR TRACT LEVEL DATA

BLOCKSIZE/RECORD LENGTH COUNTER TRACT ID	1-8 9-21
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"CARD 2, FIELD 4" NORTHERN IRELAND	72-76
"CARD 2, FIELD 5" EIRE	77-81
"CARD 2, FIELD 6" NORWAY	82-86
"CARD 2, FIELD 7" SWEDEN "CARD 2, FIELD 8" DENMARK	87-91
"CARD 2, FIELD 8" DENMARK "CARD 2, FIELD 9" NETHERLANDS	92-96 97-101
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"CARD 2, FIELD 13" GERMANY	117-121
"CARD 2, FIELD 14" POLAND	122-126
"CARD 2, FIELD 15" CZECHOSLOVAKIA	127-131
"CARD 2, FIELD 16" AUSTRIA	132-136
"CARD 3, FIELD 1" HUNGARY	137-141
"CARD 3, FIELD 2" YUGOSLAVIA	142-146
"CARD 3, FIELD 3" RUSSIA	147-151
"CARD 3, FIELD 4" LITHUANIA	152-156
"CARD 3, FIELD 5" FINLAND	157-161
"CARD 3, FIELD 6" ROMANIA	162-166
"CARD 3, FIELD 7" GREECE	167-171
"CARD 3, FIELD 8" ITALY	172-176
"CARD 3, FIELD 9" SPAIN & PORTUGAL	177-181
"CARD 3, FIELD 10" OTHER EUROPE	182-186
"CARD 3, FIELD 11" ASIA	187-191
"CARD 3, FIELD 12" CANADA-FRENCH	192-196
"CARD 3, FIELD 13" CANADA-OTHER	197-198
"CARD 3, FIELD 14" NEWFOUNDLAND	199-206
"CARD 3, FIELD 15" MEXICO	207-211
"CARD 3, FIELD 16" CUBA	212-216
"CARD 4, FIELD 1" CENTRAL AMERICA	217-221
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"CARD 5, FIELD 2" ENGLAND AND WALES	232-236
"CARD 5, FIELD 3" SCOTLAND	237-241
"CARD 5, FIELD 4" NORTHERN IRELAND	242-246
"CARD 5, FIELD 5" EIRE	247-251
"CARD 5, FIELD 6" NORWAY	252-256
"CARD 5, FIELD 7" SWEDEN	257-261
"CARD 5, FIELD 8" DENMARK	262-266
"CARD 5, FIELD 9" NETHERLANDS	267-271
"CARD 5, FIELD 10" BELGIUM	272-276
"CARD 5, FIELD 11" SWITZERLAND	277-281
"CARD 5, FIELD 12" FRANCE	282-286
"CARD 5, FIELD 13" GERMANY	287-291
"CARD 5, FIELD 14" POLAND	292-296
"CARD 5, FIELD 15" CZECHOSLOVAKIA	297-301
"CARD 5, FIELD 16" AUSTRIA	302-306
"CARD 6, FIELD 1" HUNGARY	307-311
"CARD 6, FIELD 2" YUGOSLAVIA	312-316
"CARD 6, FIELD 3" RUSSIA	317-321
"CARD 6, FIELD 4" LITHUANIA	322-326
"CARD 6, FIELD 5" FINLAND	327-331
"CARD 6, FIELD 6" ROMANIA	332-336
"CARD 6, FIELD 7" GREECE	337-341
"CARD 6, FIELD 8" ITALY	342-346
"CARD 6, FIELD 9" SPAIN & PORTUGAL	347-351
"CARD 6, FIELD 10" OTHER EUROPE	352-356
"CARD 6, FIELD 11" ASIA	357-361
"CARD 6, FIELD 12" CANADA-FRENCH	362-366
"CARD 6, FIELD 13" CANADA-OTHER	367-371
"CARD 6, FIELD 14" NEWFOUNDLAND	372-376
"CARD 6, FIELD 15" MEXICO	377-381
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"CARD 8, FIELD 3" ELEMENTARY 1-4	407-411
"CARD 8, FIELD 4" ELEMENTARY 5-6	412-416
"CARD 8, FIELD 5" ELEMENTARY 7-8	417-421
"CARD 8, FIELD 6" HIGH SCHOOL 1-3	422-426
"CARD 8, FIELD 7" HIGH SCHOOL 4	427-431
"CARD 8, FIELD 8" COLLEGE 1-3	432-436
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"CARD 8, FIELD 10" NOT REPORTED	442-446
"CARD 8, FIELD 11" MEDIAN	447-451

#### "SOURCE TABLE 3, YEARS OF SCHOOL COMPLETED (FEMALES)"

SOURCE TABLE 3, TEARS OF SCHOOL CONTLETED (FEMALES)	
"CARD 9, FIELD 1" PERSON 25 & OVER "CARD 9, FIELD 2" NO SCHOOL COMPLETED "CARD 9, FIELD 3" ELEMENTARY 1-4 "CARD 9, FIELD 4" ELEMENTARY 5-6 "CARD 9, FIELD 5" ELEMENTARY 7-8 "CARD 9, FIELD 6" HIGH SCHOOL 1-3	452-456
"CARD 9, FIELD 2" NO SCHOOL COMPLETED	457-461
"CARD 9, FIELD 3" ELEMENTARY 1-4	467-466
"CARD 9, FIELD 4" ELEMENTARY 5-6	467-471
"CARD 9, FIELD 5" ELEMENTARY 7-8	472-476
"CARD 9. FIELD 6" HIGH SCHOOL 1-3	477-481
"CARD 9, FIELD 7" HIGH SCHOOL 4	482-486
"CARD 9, FIELD 7 HIGH SCHOOL 4" "CARD 9, FIELD 8" COLLEGE 1-3	487-491
"CARD 9, FIELD 0 COLLEGE 1-3	492-496
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"CARD 10, FIELD 1" MALE POPULATION	507-511
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"CARD 10, FIELD 4" AGE 10-14	522-526
"CARD 10, FIELD 5" AGE 15-19	527-531
"CARD 10, FIELD 6" AGE 20-24	532-536
"CARD 10, FIELD 7" AGE 25-29	537-541
"CARD 10, FIELD 8" AGE 30-34	542-546
"CARD 10, FIELD 9" AGE 35-39	547-551
"CARD 10, FIELD 10" AGE 40-44	552-556
"CARD 10, FIELD 11" AGE 45-49	557-561
"CARD 10, FIELD 12" AGE 50-54	562-566
"CARD 10, FIELD 13" AGE 55-59	567-571
"CARD 10, FIELD 14" AGE 60-64	572-576
"CARD 10, FIELD 15" AGE 65-69	577-581
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"CARD 11, FIELD 1 AGE 70 74 "CARD 11, FIELD 2" AGE 75+	587-591
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"CARD 12, FIELD 1" FEMALE POPULATION	617-621
"CARD 12, FIELD 2" UNDER 5 YEARS	622-626
"CARD 12, FIELD 3" AGE 5-9	627-631
"CARD 12, FIELD 4" AGE 10-14	632-636
"CARD 12, FIELD 5" AGE 15-19	637-641
"CARD 12, FIELD 6" AGE 20-24	642-646
"CARD 12, FIELD 7" AGE 25-29	647-651
"CARD 12, FIELD 8" AGE 30-34	652-656
"CARD 12, FIELD 9" AGE 35-39	657-661
"CARD 12, FIELD 10" AGE 40-44	662-666
"CARD 12, FIELD 11" AGE 45-49	667-671
"CARD 12, FIELD 12" AGE 50-54	672-676
"CARD 12, FIELD 13" AGE 55-59	677-681
"CARD 12, FIELD 14" AGE 60-64	682-686
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"CARD 12, FIELD 15" AGE 65-69
                                                              687-691
"CARD 13, FIELD 1" AGE 70-74
                                                             692-696
"CARD 13, FIELD 2" AGE 75+
                                                             697-701
"CARD 13, FIELD 3" UNDER 1 YEAR
                                                             702-706
"CARD 13, FIELD 4" 5 YEARS
                                                             707-711
"CARD 13, FIELD 5" 14 YEARS
                                                             712-716
"CARD 13, FIELD 6" 16-17 YEARS
                                                             717-721
                                                             722-726
"CARD 13, FIELD 7" 21 AND OVER
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"CARD 14, FIELD 1" MALE POPULATION
                                                             727-731
"CARD 14, FIELD 2" UNDER 5 YEARS
                                                             732-736
"CARD 14, FIELD 3" AGE 5-9
                                                             737-741
"CARD 14, FIELD 4" AGE 10-14
                                                             742-746
"CARD 14, FIELD 5" AGE 15-19
                                                             747-751
"CARD 14, FIELD 6" AGE 20-24
                                                             752-756
"CARD 14, FIELD 7" AGE 25-29
                                                             757-761
"CARD 14, FIELD 8" AGE 30-34
                                                             762-766
"CARD 14, FIELD 9" AGE 35-39
                                                             767-771
"CARD 14, FIELD 10" AGE 40-44
                                                             772-776
"CARD 14, FIELD 11" AGE 45-49
                                                             777-781
"CARD 14, FIELD 12" AGE 50-54
                                                             728-786
"CARD 14, FIELD 13" AGE 55-59
                                                             787-791
"CARD 14, FIELD 14" AGE 60-64
                                                             792-796
"CARD 14, FIELD 15" AGE 65-69
                                                             797-801
"CARD 15, FIELD 1" AGE 70-74
                                                             802-806
"CARD 15, FIELD 2" AGE 75+
                                                             807-811
"CARD 15, FIELD 3" UNDER 1 YEAR
                                                             812-816
"CARD 15, FIELD 4" 5 YEARS
                                                             817-821
"CARD 15, FIELD 5" 14 YEARS
                                                             822-826
"CARD 15, FIELD 6" 16-17 YEARS
                                                             827-831
"CARD 15, FIELD 7" 21 AND OVER
                                                             832-836
"AGE BY NATIVE WHITE FEMALES, SOURCE TABLE 2"
"CARD 16, FIELD 1" FEMALE POPULATION
                                                             837-841
"CARD 16, FIELD 2" UNDER 5 YEARS
                                                             842-846
"CARD 16, FIELD 3" AGE 5-9
                                                             847-851
"CARD 16, FIELD 4" AGE 10-14
                                                             852-856
"CARD 16, FIELD 5" AGE 15-19
                                                             857-861
"CARD 16, FIELD 6" AGE 20-24
                                                             862-866
"CARD 16, FIELD 7" AGE 25-29
                                                             867-871
"CARD 16, FIELD 8" AGE 30-34
                                                             872-876
"CARD 16, FIELD 9" AGE 35-39
                                                             877-881
"CARD 16, FIELD 10" AGE 40-44
                                                             882-886
"CARD 16, FIELD 11" AGE 45-49
                                                             887-891
"CARD 16, FIELD 12" AGE 50-54
                                                             892-896
"CARD 16, FIELD 13" AGE 55-59
                                                             897-901
"CARD 16, FIELD 14" AGE 60-64
                                                             902-906
"CARD 16, FIELD 15" AGE 65-69
                                                             907-911
"CARD 17, FIELD 1" AGE 70-74
                                                             912-916
"CARD 17, FIELD 2" AGE 75+
                                                             917-921
"CARD 17, FIELD 3" UNDER 1 YEAR
                                                             922-926
"CARD 17, FIELD 4" 5 YEARS
                                                             927-931
"CARD 17, FIELD 5" 14 YEARS
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"CARD 17, FIELD 6" 16-17 YEARS
                                                             937-941
"CARD 17, FIELD 7" 21 AND OVER
                                                             942-946
"AGE BY FOREIGN BORN WHITE MALES, SOURCE TABLE 2"
"CARD 18, FIELD 1" MALE POPULATION
                                                             947-951
"CARD 18, FIELD 2" UNDER 5 YEARS
                                                             952-956
"CARD 18, FIELD 3" AGE 5-9
                                                             957-961
"CARD 18, FIELD 4" AGE 10-14
                                                             962-966
"CARD 18, FIELD 5" AGE 15-19
                                                             967-971
"CARD 18, FIELD 6" AGE 20-24
                                                             972-976
"CARD 18, FIELD 7" AGE 25-29
                                                             977-981
"CARD 18, FIELD 8" AGE 30-34
                                                             982-986
"CARD 18, FIELD 9" AGE 35-39
                                                             987-991
"CARD 18, FIELD 10" AGE 40-44
                                                             992-996
"CARD 18, FIELD 11" AGE 45-49
                                                             997-1001
"CARD 18, FIELD 12" AGE 50-54
                                                             1002-1006
"CARD 18, FIELD 13" AGE 55-59
                                                             1007-1011
"CARD 18, FIELD 14" AGE 60-64
                                                            1012-1016
                                                            1017-1021
"CARD 18, FIELD 15" AGE 65-69
"CARD 19, FIELD 1" AGE 70-74
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"CARD 19, FIELD 2" AGE 75+
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"CARD 19, FIELD 3" UNDER 1 YEAR
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                                                             1037-1041
"CARD 19, FIELD 5" 14 YEARS
                                                             1042-1046
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"CARD 20, FIELD 4" AGE 10-14
                                                             1072-1076
"CARD 20, FIELD 5" AGE 15-19
                                                             1077-1081
"CARD 20, FIELD 6" AGE 20-24
                                                             1082-1086
"CARD 20, FIELD 7" AGE 25-29
                                                             1087-1091
"CARD 20, FIELD 8" AGE 30-34
                                                             1092-1096
"CARD 20, FIELD 9" AGE 35-39
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"CARD 20, FIELD 10" AGE 40-44
                                                            1102-1106
"CARD 20, FIELD 11" AGE 45-49
                                                            1107-1111
"CARD 20, FIELD 12" AGE 50-54
                                                            1112-1116
"CARD 20, FIELD 13" AGE 55-59
                                                             1117-1121
"CARD 20, FIELD 14" AGE 60-64
                                                             1122-1126
"CARD 20, FIELD 15" AGE 65-69
                                                             1127-1131
"CARD 21, FIELD 1" AGE 70-74
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"CARD 21, FIELD 2" AGE 75+
                                                            1137-1141
"CARD 21, FIELD 3" UNDER 1 YEAR
                                                             1142-1146
"CARD 21, FIELD 4" 5 YEARS
                                                             1147-1151
"CARD 21, FIELD 5" 14 YEARS
                                                             1152-1156
"CARD 21, FIELD 6" 16-17 YEARS
                                                            1157-1161
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                                                             1162-1166
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"CARD 22, FIELD 1" MALES 14 AND OVER "CARD 22, FIELD 2" IN LABOR FORCE "CARD 22, FIELD 3" EMPLOYED "CARD 22, FIELD 4" WAGE AND SALARY "CARD 22, FIELD 5" EMPLOYERS	1167-1171
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"CARD 22, FIELD 3" EMPLOYED	1172-1181
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"CARD 22, FIELD 5" EMPLOYERS	1187-1191
"CARD 22, FIELD 6" UNPAID FAMILY WORKERS	1192-1196
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"CARD 24, FIELD 8" PUBLIC EMERGENCY WORK	1287-1291
"CARD 24, FIELD 9" SEEKING WORK	1292-1296
"CARD 24, FIELD 10" EXPERIENCED WORKERS	1297-1301
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"CARD 25, FIELD 3" SCHOOL	1317-1321
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"CARD 25, FIELD 5" INSTITUTIONS	1327-1331
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"CARD 26, FIELD 5" CLERICAL	1357-1361
"CARD 26, FIELD 6" CRAFTMEN	1362-1366
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"CARD 26, FIELD 11" NOT REPORTED	1387-1391

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"CARD 30, FIELD 1"	ALL OCCUPIED UNITS	1557-1561
"CARD 30, FIELD 2"	1-PERSON	1562-1566
"CARD 30, FIELD 3"	2-PERSONS	1567-1571
"CARD 30, FIELD 4"	3-PERSONS	1572-1576
"CARD 30, FIELD 5"	4-PERSONS	1577-1581
"CARD 30, FIELD 6"	5-PERSONS	1582-1586
"CARD 30, FIELD 7"	6-PERSONS	1587-1591
"CARD 30, FIELD 8"	7-PERSONS	1592-1596
"CARD 30, FIELD 9"	8-PERSONS	1597-1601
"CARD 30, FIELD 10	" 9-PERSONS	1602-1606

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"CARD 30, FIELD 11" 10-PERSONS
                                                             1607-1611
"CARD 30, FIELD 12" 11-PERSONS
                                                             1612-1616
"PERSONS PER ROOM, SOURCE TABLE 6"
"CARD 31, FIELD 1" UNDER .51
                                                             1617-1621
"CARD 31, FIELD 2" .51-.75
                                                             1622-1626
"CARD 31, FIELD 3" .76-1.00
                                                             1627-1631
"CARD 31, FIELD 4" 1.01-1.50 ALL OCCUPIED UNITS
                                                             1632-1636
"CARD 31, FIELD 5" 1.51-2.00
                                                             1637-1641
"CARD 31, FIELD 6" 2.01+
                                                             1642-1646
"CARD 31, FIELD 7" NOT REPORTING
                                                            1647-1651
"CARD 31, FIELD 8" UNDER .51
                                                             1652-1656
"CARD 31, FIELD 9" .51-.75
                                                             1657-1661
"CARD 31, FIELD 10" .76-1.00
                                                             1662-1666
"CARD 31, FIELD 11" 1.01-1.50 TENANT OCCUPIED
                                                             1667-1671
"CARD 31, FIELD 12" 1.51-2.00
                                                             1672-1676
"CARD 31, FIELD 13" 2.01+
                                                            1677-1681
"CARD 31, FIELD 14" NOT REPORTING
                                                             1682-1686
"VALUE OF HOME, SOURCE TABLE 5"
"CARD 32, FIELD 1" NUMBER REPORTING
                                                             1687-1691
"CARD 32, FIELD 2" UNDER 500
                                                             1692-1696
"CARD 32, FIELD 3" 500-699
                                                             1697-1701
"CARD 32, FIELD 4" 700-999
                                                             1702-1706
"CARD 32, FIELD 5" 1000-1499
                                                             1707-1711
"CARD 32, FIELD 6" 1500-1999
                                                             1712-1716
"CARD 32, FIELD 7" 2000-2499
                                                             1717-1721
"CARD 32, FIELD 8" 2500-2999
                                                             1722-1726
"CARD 32, FIELD 9" 3000-3999
                                                             1727-1731
"CARD 32, FIELD 10" 4000-4999
                                                            1732-1736
"CARD 32, FIELD 11" 5000-5999
                                                             1737-1741
"CARD 32, FIELD 12" 6000-7499
                                                             1742-1746
"CARD 32, FIELD 13" 7500-9999
                                                             1747-1751
"CARD 32, FIELD 14" 10000-14999
                                                             1752-1756
"CARD 32, FIELD 15" 15000-19999
                                                             1757-1761
"CARD 33, FIELD 1" 20000+
                                                             1762-1766
"CARD 33, FIELD 2" MEDIAN
                                                             1767-1771
"CONTRACT MONTHLY RENT, SOURCE TABLE 5"
"CARD 34, FIELD 1" NUMBER REPORTING
                                                             1772-1776
"CARD 34, FIELD 2" UNDER 5
                                                             1777-1781
"CARD 34, FIELD 3" 5-6
                                                             1782-1786
"CARD 34, FIELD 4" 7-9
                                                             1787-1791
"CARD 34, FIELD 5" 10-14
                                                             1792-1796
"CARD 34, FIELD 6" 15-19
                                                             1797-1801
"CARD 34, FIELD 7" 20-24
                                                             1802-1806
"CARD 34, FIELD 8" 25-29
                                                             1807-1811
"CARD 34, FIELD 9" 30-39
                                                            1812-1816
"CARD 34, FIELD 10" 40-49
                                                            1817-1821
"CARD 34, FIELD 11" 50-59
                                                            1822-1826
"CARD 34, FIELD 12" 60-74
                                                             1827-1831
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"CARD 34, FIELD 13" 75-99
                                                            1832-1836
"CARD 34, FIELD 14" 100-149
                                                            1837-1841
"CARD 34, FIELD 15" 150-199
                                                            1842-1846
                                                            1847-1851
"CARD 35, FIELD 1" 200+
"CARD 35, FIELD 2" MEDIAN
                                                            1852-1856
"GROSS MONTHLY RENT, SOURCE TABLE 5"
"CARD 36, FIELD 1" NUMBER REPORTING
                                                            1857-1861
"CARD 36, FIELD 2" UNDER 5
                                                            1862-1866
"CARD 36, FIELD 3" 5-6
                                                            1867-1871
"CARD 36, FIELD 4" 7-9
                                                            1872-1876
"CARD 36, FIELD 5" 10-14
                                                            1877-1881
"CARD 36, FIELD 6" 15-19
                                                            1882-1886
"CARD 36, FIELD 7" 20-24
                                                            1887-1891
"CARD 36, FIELD 8" 25-29
                                                            1892-1896
"CARD 36, FIELD 9" 30-39
                                                            1897-1901
"CARD 36, FIELD 10" 40-49
                                                            1902-1906
"CARD 36, FIELD 11" 50-59
                                                            1907-1911
"CARD 36, FIELD 12" 60-74
                                                            1912-1916
"CARD 36, FIELD 13" 75-99
                                                            1917-1921
"CARD 36, FIELD 14" 100+
                                                            1922-1926
"CARD 36, FIELD 15" MEDIAN
                                                            1927-1931
"STATE OF REPAIR AND PLUMBING, SOURCE TABLE 6"
"CARD 37, FIELD 1" NOT NEEDING MAJOR REPAIRS
                                                            1932-1936
"CARD 37, FIELD 2" --BATH AND TOILET
                                                            1937-1941
"CARD 37, FIELD 3" "--TOILET, NO BATH"
                                                            1942-1946
"CARD 37, FIELD 4" "WATER, NO TOILET"
                                                            1947-1951
"CARD 37, FIELD 5" --NO WATER
                                                            1952-1956
"CARD 37, FIELD 6" NEEDING MAJOR REPAIRS
                                                           1957-1961
"CARD 37, FIELD 7" --BATH AND TOILET
                                                           1962-1966
"CARD 37, FIELD 8" "--TOILET, NO BATH"
                                                           1967-1971
"CARD 37, FIELD 9" "--WATER, NO TOILET "
                                                            1972-1976
"CARD 37, FIELD 10" --NO WATER
                                                            1977-1981
"CARD 37, FIELD 11" NOT REPORTING
                                                            1982-1986
"RADIO, REFRIGERATION, AND HEATING FUEL, SOURCE TABLE 6"
"CARD 38, FIELD 1" RADIO
                                                            1987-1991
"CARD 38, FIELD 2" NO RADIO
                                                            1992-1996
"CARD 38, FIELD 3" NOT REPORTING
                                                            1993-1997
"CARD 38, FIELD 4" REFRIGERATION--MECHANICAL
                                                            1997-2001
"CARD 38, FIELD 5" --ICE
                                                            2002-2006
"CARD 38, FIELD 6" --OTHER
                                                            2007-2011
"CARD 38, FIELD 7" --NONE
                                                            2012-2016
"CARD 38, FIELD 8" --NOT REPORTED
                                                            2017-2021
"CARD 38, FIELD 9" CENTRAL HEAT
                                                            2022-2026
"CARD 38, FIELD 10" NO CENTRAL HEAT
                                                           2027-2031
"CARD 38, FIELD 11" NOT REPORTED
                                                           2032-2036
                                                            2037-2041
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# POPULATION AND HOUSING-STATISTICS FOR CENSUS TRACTS

#### INTRODUCTION

#### GENERAL

The Census Tract bulletins present basic population and housing statistics for each tracted area, as reported at the Sixteenth Decennial Census, taken as of April 1, 1940. The 60 tract cities for which bulletins are presented are listed on page 3. The population items include sex, age, race, nativity, citizenship, country of birth, highest grade of school completed, employment status, class of worker, and occupation. Among the housing subjects are occupancy status, tenure, value or monthly rent, type of structure, state of repair and plumbing equipment, size of household, race of head of household, persons per room, radio, refrigeration equipment, and heating fuel by type of heating equipment. In this bulletin population characteristics are presented in tables 1 to 3 and housing statistics in tables 4 to 6. The accompanying map shows the principal boundary streets for each tract.

Historical background .- Dr. Walter Laidlaw, working with population statistics in New York City 40 years ago, became convinced that in order to study neighborhoods it was necessary to have population data for local areas smaller than boroughs or wards and to establish these areas so that they would remain unchanged from census to census. At his request the Census Bureau made tabulations of 1910 data by census tracts not only for New York, but also for the 7 other cities having a population of over 500,000. Tract data were tabulated for the same 8 cities in 1920, but this number was increased to 18 in 1930. The increase to 60 cities in 1940 is largely the result of active effort on the part of Clarence E. Batschelet, Geographer of the Bureau of the Census, to obtain the necessary local cooperation for the establishment of census tracts in all cities of 250,000 or more. Much credit is also due Howard Whipple Green, Chairman of the Committee on Census Enumeration Areas of the American Statistical Association, not only for the extension of the list of cities, but especially for increased local interest in census tract statistics and local use of them.

Definition of a census tract.—Census tracts are small areas, having a population usually between 3,000 and 6,000, into which certain large cities (and sometimes their adjacent areas) have been subdivided for statistical and local administrative purposes, through cooperation with a local committee in each case. While this subdivision into tracts has been more or less arbitrary, several principles have been followed in general in laying out the tracts for each city. The tract areas are established with a view to approximate uniformity in population, with some consideration of uniformity in size, and with due regard for natural barriers. Each

tract is designed to include an area fairly homogeneous in population characteristics. In cities where the ward lines are infrequently changed, the tracts may form subdivisions of the wards, though they are usually laid out without regard to the ward boundaries. The tracts are intended to remain unchanged from census to census and thus to make possible studies of changes in social and economic characteristics of the population within small sections of the city.<sup>1</sup>

Suburban tracts.—The tracted area of 35 cities is confined to the corporate limits of the cities; the tracted area for the remaining 25 cities extends into the suburbs. There are 9,169 tracts within the boundaries of the 60 central tract cities. In addition, in the areas surrounding the 25 cities there are 1,292 tracts. The majority of the suburban tracts are subdivisions of urban places.

Uses of census tract data.—Tract data are perhaps most widely used by city departments, welfare organizations, commercial establishments, and agencies for social research. Current and long range planning by public and private organizations is facilitated in many ways by the use of tract statistics. In the study of small neighborhoods within a city, tract figures provide a valuable source of factual material, especially when census data are supplemented by records collected by local agencies. Tract statistics are commonly used as bases for the computation of rates and of significant indexes of economic and social characteristics of the various sections of the city. Local data often used in this manner are records of births, deaths, contagious diseases, and juvenile delinquency, and current statistics on unemployment, relief, and housing conditions.

Other publications including data for census tracts.—
The total population of each tract is shown in the first series of Population bulletins for States. Limited tabulations of the housing data by city blocks are given in supplements to the first series of Housing bulletins and summarized by tracts for the tract cities. Three housing items not included in the present bulletin appear in these block summaries, namely, number of residential structures, dwelling units by year built, and owner-occupied units by mortgage status. With these exceptions, this bulletin includes all of the population and housing figures that will be published for census tracts by the Bureau of the Census.

Available unpublished tract data.—All of the items shown for larger areas in the second series of Population and Housing bulletins for States have been tabulated for

Additional tracts will normally be formed when territory is annexed to a city, with perhaps some changes in the boundaries of the tracts adjacent to the annexation. Tracts in which there are very large increases in population may be subdivided into two or more smaller tracts, if occasion seems to demand it.

census tracts, but because of space limitations the tract data are not published in full detail. The unpublished statistics, however, can be made available, upon request, for the nominal cost of transcribing or reproducing them. Requests for such unpublished statistics, addressed to the Director of the Census, Washington, D. C., will receive a prompt reply which will include an estimate of the cost of preparing the data.

#### DEFINITIONS OF TERMS AND EXPLANATIONS

Brief definitions or explanations of the principal terms used in the tract tables are presented in the following paragraphs. More complete explanations of these terms may be found in the second series of Population bulletins for States and the first and second series of Housing bulletins for States.

Race, nativity, and age. - Three major race classifications are distinguished in this bulletin, namely, white, Negro, and "other races." Persons of Mexican birth or ancestry who were not definitely Indian or of other nonwhite race were returned as white in 1940. In tables 3a and 6a statistics for the nonwhite (Negroes and other nonwhite races combined) are shown separately for tracts with 250 or more nonwhite persons. Occupation statistics for nonwhites are presented for Southern cities only. The white population is divided into two nativity groups, native and foreign born. A person born in the United States or in any of its territories or possessions is counted as native. The foreign-born white are presented by country of birth. The country of birth classification is based on political boundaries as of January 1, 1937, and therefore includes such countries as Austria, Czechoslovakia, and Poland.

The age classification is based on the age of the person at his last birthday before the date of the census, that is, the age of the person in completed years.

Highest grade of school completed.—The 1940 census included a question on the last full grade that the person had completed in the regular school system—public, private, or parochial school, college, or university. The tabulation of last grade or year of school completed for census tracts is restricted to persons 25 years old and over, practically all of whom have completed their formal education. In the computation of median years of school completed, the first year of high school is uniformly represented by 9, although there are some areas with only 7 years of elementary school.

Employment status.—On the basis of their employment status or activity during the week of March 24 to 30, 1940, all persons 14 years old and over were classified into two large groups: (a) Persons in the labor force, including those employed (at work or with a job, except on public emergency work), those on public emergency work, and those seeking work; and (b) persons not in the labor force, including those engaged in own home housework, those in school, those unable to work, inmates of institutions, other persons not in the labor force, and those whose employment status was not reported.

In the interpretation of the data for persons on public emergency work, allowance must be made for the misclassification in the census returns of some public emergency workers, as a result of which the number of such workers is considerably understated.

Occupation and class of worker.—The statistics presented in this bulletin showing workers classified by major occupation groups and class of worker are limited to employed workers, that is, persons 14 years old and over who were actually at work or who had a job in the week of March 24 to 30, 1940.

The occupation statistics presented in this bulletin are in terms of 10 major groupings of the 451 specific occupation titles of the 1940 classification system used by the Bureau of the Census. It may be noted that the occupations "Farmers (owners and tenants)" and "Farm managers" are included in the major occupation group "Proprietors, managers, and officials"; and that the occupations "Farm laborers (wage workers) and farm foremen" and "Farm laborers (unpaid family workers)" are included in the major occupation group "Laborers."

Dwelling unit.—A dwelling unit is defined as the living quarters occupied by, or intended for occupancy by, one household. A dwelling unit may be a detached house; a tenement, flat, or apartment in a larger building (apartment house, apartment hotel, or section of a hotel devoted entirely to apartment rather than transient use); or a room in a structure used primarily for business or other nonresidential purposes. It may be a tourist cabin, trailer, railroad car, boat, etc., if occupied by persons having no other place of residence.

Population per occupied dwelling unit.—The number of "occupied dwelling units" in 1940 is roughly comparable with the number of "private families" or "homes" shown in census reports for 1930. Thus the population per occupied unit in 1940 may be compared with the population per private family in 1930 to indicate changes in family size. The 1930 data and corresponding items for 1940 are not comparable, however, in the few tracts where the resident population in institutions or other special types of dwelling places accounts for a large proportion of the total population of the area.

Occupancy and tenure.—Dwelling units are classified by occupancy and tenure into four groups: Owner-occupied; tenant-occupied; vacant, for sale or rent; and vacant, not for sale or rent. Dwelling units are classified as occupied if occupied at the time of enumeration by households enumerated at their usual place of residence. The relatively small group classified as "vacant, not for sale or rent" includes dwelling units that were neither occupied nor available for sale or rent at the time of enumeration because they were being held for absent households, and dwelling units that were occupied temporarily by nonresident households.

Value and monthly rent.—The enumerator was instructed to report for each owner-occupied dwelling unit

the estimated current market value of the home and. if nonfarm, its estimated monthly rental value; for each tenant-occupied unit, the monthly contract rent or, if no cash rent was paid, the estimated monthly rental value based on rents for similar dwelling units in the neighborhood; and for each vacant unit, the rent asked or the estimated rental value. The rental reported for a vacant seasonal dwelling unit represents the actual or estimated monthly amount charged for the unit during the portion of the year it is generally occupied. Average and median values and rents are presented for each census tract. The median value or rent may be defined as that value or rent which divides the whole number of dwelling units into two equal groups, one having values or rents higher than the median, and one having lower.2

Gross rent.—Gross monthly rent, computed for tenant-occupied nonfarm dwelling units only, represents the estimated rent of the dwelling unit without furniture plus the reported average monthly cost to the tenant of water, electricity, gas, and other fuel. Rent differentials which result from varying practices with respect to inclusion of heat, utilities, and furniture as a part of the contract rent, are therefore eliminated from the gross rent figures.

Type of structure.—Dwelling units are classified into 11 groups, according to the type of structure in which they are located. A "1-family detached" structure has open space on all four sides and contains only one dwelling unit. A "1-family attached" structure has one or both sides built directly against an adjoining structure or structures. Each dwelling unit in a group of three or more row houses is a "1-family attached" structure, but two attached dwelling units by themselves constitute a "2-family side-by-side" structure.

State of repair and plumbing equipment.—Instructions specified that dwelling units were to be classified as "needing major repairs" when repairs were needed on such parts of the structure as floors, roof, plaster, walls, or foundations, the continued neglect of which would impair the soundness of the structure and create a hazard to its safety as a place of residence.

Size of household.—All persons enumerated as members of the household (including lodgers, servants, and other unrelated persons having no other usual place of residence) are counted in determining the number of persons that occupy each dwelling unit. The statistics on size of household, as presented in this report, should be distinguished from the statistics on size of family as shown in the 1930 reports, since in the 1930 tabulation of families by size only related persons were included.

Persons per room.—The number of persons per room, used as an index of crowding, is obtained by dividing the number of persons in the household by the number of rooms in the dwelling unit. This average was computed for each occupied dwelling unit.

Heating fuel by central heating.—Steam or hot water systems, piped warm-air systems, and pipeless warmair furnaces are classified as central heating equipment.

Evaluation of data for small areas.—Users of data for the smaller areas (5,000 and under) should bear in mind that the data compiled for such areas represent the work of a very small number of enumerators (often only one or two). Consequently, the data for such areas are subject to a wider margin of error than is to be expected for larger areas. This qualification applies particularly to classifications involving complex definitions which require some judgment on the part of enumerators, such as the question on the need of major repairs. The misinterpretation by an enumerator of instructions pertaining to a particular item may cause a significant bias in the statistics for a very small community, even though it would have a negligible effect upon the figures for a large area.

#### LIST OF CENSUS TRACT CITIES

Akron, Ohio.\* Atlanta, Ga.\* Atlantic City, N. J. Augusta, Ga.\* Austin, Tex. Baltimore, Md. Berkeley, Calif.\* Birmingham, Ala. Boston, Mass. Buffalo, N. Y. Cambridge, Mass. Camden, N. J. Chicago, Ill. Cincinnati, Ohio.\* Cleveland, Ohio.\* Columbus, Ohio. Dallas, Tex.\* Dayton, Ohio.\* Denver, Colo. Des Moines, Iowa. Detroit Mich.\* Duluth, Minn. Elizabeth, N. J. Flint, Mich.\* Hartford, Conn.\* Houston, Tex. Indianapolis, Ind.\* Jersey City, N. J.\* Kansas City, Mo. Long Beach, Calif.\* Los Angeles, Calif.\* Macon, Ga.\*
Memphis, Tenn.\*
Milwaukee, Wis.
Minneapolis, Minn.\*

Nashville, Tenn.
Newark, N. J.
New Haven, Conn.
New Orleans, La.
New York City.
(Statistics for health
areas.)

Oakland, Calif.\* Oklahoma City, Okla.\*

Paterson, N. J. Philadelphia, Pa. Pittsburgh, Pa.\* Portland, Oreg. Providence, R. I.

Richmond, Vs. Rochester, N. Y.

St. Louis, Mo.\*
St. Paul, Minn.\*
San Francisco, Calif.
Savannah, Ga.\*
Seattle, Wash.
Syracuse, N. Y.

Toledo, Ohio. Trenton, N. J.

Washington, D. C.

Yonkers, N. Y.

Louisville, Ky.\*

In computing the median values the class intervals shown in the tables were used. Rents were reported to the nearest dollar; and in computing the medians the limits of the class intervals were assumed to stand at the mid-point of the one-dollar interval between the end of one of the rent groups as shown in the table and the beginning of the next. For example, the limits of the interval designated, in round dollars, \$10 to \$14, were assumed to be \$9.50 to \$14.49.

<sup>\*</sup>Suburban tracts included.

#### 1940 CENSUS TRACT DATA -LAYOUT FOR CITY AND METRO LEVEL DATA

BLOCKSIZE/RECORD LENGTH OF FILE/RECORD TITLE NUMBER OF TRACTS GENERAL CHARACTERISTICS OF		1-4 4-64 65-70
CARD 1, FIELD 1 CARD 1, FIELD 2 CARD 1, FIELD 3 CARD 1, FIELD 4 CARD 1, FIELD 5 CARD 1, FIELD 6 CARD 1, FIELD 7	TOTAL POPULATION TOTAL WHITE POPULATION NATIVE WHITE POPULATION TOTAL NONWHITE POPULATION NEGRO POPULATION OCCUPIED DWELLING UNITS POPULATON PER OCCUPIED DWELLING UNI	71-78 79-86 87-94 95-102 103-110 111-118 119-126
	BIRTH OF FOREIGN BORN WHITE (MALES)	
CARD 2, FIELD 5 CARD 2, FIELD 6 CARD 2, FIELD 7 CARD 2, FIELD 8 CARD 2, FIELD 9 CARD 2, FIELD 10 CARD 2, FIELD 11 CARD 2, FIELD 12 CARD 2, FIELD 13	ALL COUNTRIES ENGLAND AND WALES SCOTLAND NORTHERN IRELAND EIRE NORWAY SWEDEN DENMARK NETHERLANDS BELGIUM SWITZERLAND FRANCE GERMANY	127-134 135-142 143-150 151-158 159-166 167-174 175-182 183-190 191-198 199-206 207-214 215-222 223-230
CARD 3, FIELD 2 CARD 3, FIELD 3	YUGOSLAVIA RUSSIA	231-238 239-246 247-254 255-262 263-270 271-278
CARD 3, FIELD 4 CARD 3, FIELD 5 CARD 3, FIELD 6 CARD 3, FIELD 7 CARD 3, FIELD 8 CARD 3, FIELD 9 CARD 3, FIELD 10 CARD 3, FIELD 11	LITHUANIA FINLAND ROMANIA GREECE ITALY SPAIN & PORTUGAL OTHER EUROPE ASIA	279-286 287-294 295-302 303-310 311-318 319-326 327-334 335-342
CARD 3, FIELD 12	CANADA-FRENCH	343-350

CANADA-OTHER

**NEWFOUNDLAND** 

351-358

359-366

CARD 3, FIELD 13

CARD 3, FIELD 14

CADD 2 FIELD 15	MEXICO	267.274
CARD 3, FIELD 15	MEXICO	367-374
CARD 3, FIELD 16	CUBA	375-382
CARD 4, FIELD 1	CENTRAL AMERICA	383-390
CARD 4, FIELD 2	OTHER	391-398

## SOURCE TABLE 3, COUNTRY O BIRTH OF FOREIGN BORN WHITE (FEMALES)

# SOURCE TABLE 3, YEARS OF SCHOOL COMPLETED (MALES)

CARD 8, FIELD 1	PERSON 25 & OVER	671-678
CARD 8, FIELD 2	NO SCHOOL COMPLETED	679-686
CARD 8, FIELD 3	ELEMENTARY 1-4	687-694
CARD 8, FIELD 4	ELEMENTARY 5-6	695-702

# SOURCE TABLE 3, YEARS OF SCHOOL COMPLETED (FEMALES)

CARD 9, FIELD 1	PERSON 25 & OVER	759-766
CARD 9, FIELD 2	NO SCHOOL COMPLETED	767-774
CARD 9, FIELD 3	ELEMENTARY 1-4	775-782
CARD 9, FIELD 4	ELEMENTARY 5-6	783 <b>-7</b> 90
CARD 9, FIELD 5	ELEMENTARY 7-8	791-798
CARD 9, FIELD 6	HIGH SCHOOL 1-3	799-806
CARD 9, FIELD 7	HIGH SCHOOL 4	807-814
CARD 9, FIELD 8	COLLEGE 1-3	815-822
CARD 9, FIELD 9	COLLEGE 4+	823-830
CARD 9, FIELD 10	NOT REPORTED	831-838
CARD 9, FIELD 11	MEDIAN	839-846

### AGE BY RACE BY MALES, SOURCE TABLE 2

CARD 10, FIELD 1	MALE POPULATION	847-854
CARD 10, FIELD 2	UNDER 5 YEARS	855-862
CARD 10, FIELD 3	AGE 5-9	863-870
CARD 10, FIELD 4	AGE 10-14	871-878
CARD 10, FIELD 5	AGE 15-19	879-886
CARD 10, FIELD 6	AGE 20-24	887-894
CARD 10, FIELD 7	AGE 25-29	895-902
CARD 10, FIELD 8	AGE 30-34	903-910
CARD 10, FIELD 9	AGE 35-39	911-918
CARD 10, FIELD 10	AGE 40-44	919-926
CARD 10, FIELD 11	AGE 45-49	927-934
CARD 10, FIELD 12	AGE 50-54	935-942
CARD 10, FIELD 13	AGE 55-59	943-950
CARD 10, FIELD 14	AGE 60-64	951-958
CARD 10, FIELD 15	AGE 65-69	959-966
CARD 11, FIELD 1	AGE 70-74	967-974
CARD 11, FIELD 2	AGE 75+	975-982
CARD 11, FIELD 3	UNDER 1 YEAR	983-990
CARD 11, FIELD 4	5 YEARS	991-998
CARD 11, FIELD 5	14 YEARS	999-1006
CARD 11, FIELD 6	16-17 YEARS	1007-1014
CARD 11, FIELD 7	21 AND OVER	1015-1022

CARD 12, FIELD 1	FEMALE POPULATION	1023-1030
CARD 12, FIELD 2	UNDER 5 YEARS	1031-1038
CARD 12, FIELD 3	AGE 5-9	1039-1046
CARD 12, FIELD 4	AGE 10-14	1047-1054
CARD 12, FIELD 5	AGE 15-19	1055-1062
CARD 12, FIELD 6	AGE 20-24	1063-1070
CARD 12, FIELD 7	AGE 25-29	1071-1078
CARD 12, FIELD 8	AGE 30-34	1079-1086
CARD 12, FIELD 9	AGE 35-39	1087-1094
CARD 12, FIELD 10	AGE 40-44	1095-1102
CARD 12, FIELD 11	AGE 45-49	1103-1110
CARD 12, FIELD 17	AGE 50-54	1111-1118
CARD 12, FIELD 12 CARD 12, FIELD 13	AGE 55-59	1119-1126
·	AGE 53-39 AGE 60-64	
CARD 12, FIELD 14		1127-1134
CARD 12, FIELD 15	AGE 65-69	1135-1142
CARD 13, FIELD 1	AGE 70-74	1143-1150
CARD 13, FIELD 2	AGE 75+	1151-1158
CARD 13, FIELD 3	UNDER 1 YEAR	1159-1166
CARD 13, FIELD 4	5 YEARS	1167-1174
CARD 13, FIELD 5	14 YEARS	1175-1182
CARD 13, FIELD 6	16-17 YEARS	1183-1190
CARD 13, FIELD 7	21 AND OVER	1191-1198
AGE BY NATIVE WHITE MALE	S, SOURCE TABLE 2	
CARD 14, FIELD 1	MALE POPULATION	1199-1206
CARD 14, FIELD 2	UNDER 5 YEARS	1207-1214
CARD 14, FIELD 3	AGE 5-9	1215-1222
CARD 14, FIELD 4	AGE 10-14	1223-1230
CARD 14, FIELD 5	AGE 15-19	1231-1238
CARD 14, FIELD 6	AGE 20-24	1239-1246
CARD 14, FIELD 0	AGE 25-29	1247-1254
CARD 14, FIELD 7	AGE 23-29 AGE 30-34	
•		1255-1262
CARD 14, FIELD 9	AGE 35-39	1263-1270
CARD 145, FIELD 10	AGE 40-44	1271-1278
CARD 14, FIELD 11	AGE 45-49	1279-1286
CARD 14, FIELD 12	AGE 50-54	1287-1294
CARD 14, FIELD 13	AGE 55-59	1295-1302
CARD 14, FIELD 14	AGE 60-64	1303-1310
CARD 14, FIELD 15	AGE 65-69	1311-1318
CARD 15, FIELD 1	AGE 70-74	1319-1326
CARD 15, FIELD 2	AGE 75+	1327-1334
CARD 15, FIELD 3	UNDER 1 YEAR	1335-1342
CARD 15, FIELD 4	5 YEARS	1343-1350
CARD 15, FIELD 5	14 YEARS	1351-1358
CARD 15, FIELD 6	16-17 YEARS	1359-1366
CARD 15, FIELD 7	21 AND OVER	1367-1374

#### AGE BY NATIVE WHITE FEMALES, SOURCE TABLE 2

CARD 16, FIELD 1	FEMALE POPULATION	1375-1382
CARD 16, FIELD 2	UNDER 5 YEARS	1383-1390
CARD 16, FIELD 3	AGE 5-9	1391-1398
CARD 16, FIELD 4	AGE 10-14	1399-1406
CARD 16, FIELD 5	AGE 15-19	1407-1414
CARD 16, FIELD 6	AGE 20-24	1415-1422
CARD 16, FIELD 7	AGE 25-29	1423-1430
CARD 16, FIELD 8	AGE 30-34	1431-1438
CARD 16, FIELD 9	AGE 35-39	1439-1446
CARD 16, FIELD 10	AGE 40-44	1447-1454
CARD 16, FIELD 11	AGE 45-49	1455-1462
CARD 16, FIELD 12	AGE 50-54	1463-1470
CARD 167, FIELD 13	AGE 55-59	1471-1478
CARD 16, FIELD 14	AGE 60-64	1479-1486
CARD 16, FIELD 15	AGE 65-69	1487-1494
CARD 17, FIELD 1	AGE 70-74	1495-1502
CARD 17, FIELD 2	AGE 75+	1503-1510
CARD 17, FIELD 3	UNDER 1 YEAR	1511-1518
CARD 17, FIELD 4	5 YEARS	1519-1526
CARD 17, FIELD 5	14 YEARS	1527-1534
CARD 17, FIELD 6	16-17 YEARS	1535-1542
CARD 17, FIELD 7	21 AND OVER	1543-1550

## AGE BY FOREIGN BORN WHITE MALES, SOURCE TABLE 2

CARD 18, FIELD 1	MALE POPULATION	1551-1558
CARD 18, FIELD 2	UNDER 5 YEARS	1559-1566
CARD 18, FIELD 3	AGE 5-9	1567-1574
CARD 18, FIELD 4	AGE 10-14	1575-1582
CARD 18, FIELD 5	AGE 15-19	1583-1590
CARD 18, FIELD 6	AGE 20-24	1591-1598
CARD 18, FIELD 7	AGE 25-29	1599-1606
CARD 18, FIELD 8	AGE 30-34	1607-1614
CARD 18, FIELD 9	AGE 35-39	1615-1622
CARD 18, FIELD 10	AGE 40-44	1623-1630
CARD 18, FIELD 11	AGE 45-49	1631-1638
CARD 18, FIELD 12	AGE 50-54	1639-1646
CARD 18, FIELD 13	AGE 55-59	1647-1654
CARD 18, FIELD 14	AGE 60-64	1655-1662
CARD 18, FIELD 15	AGE 65-69	1663-1670
CARD 19, FIELD 1	AGE 70-74	1671-1678
CARD 19, FIELD 2	AGE 75+	1679-1686
CARD 19, FIELD 3	UNDER 1 YEAR	1687-1694
CARD 19, FIELD 4	5 YEARS	1695-1702
CARD 19, FIELD 5	14 YEARS	1703-1710
CARD 19, FIELD 6	16-17 YEARS	1711-1718
CARD 19, FIELD 7	21 AND OVER	1719-1726 1 2

### AGE BY FOREIGN BORN WHITE FEMALES, SOURCE TABLE 2

CARD 20, FIELD 1	FEMALE POPULATION	1727-1734
CARD 20, FIELD 2	UNDER 5 YEARS	1735-1742
CARD 20, FIELD 3	AGE 5-9	1743-1750
CARD 20, FIELD 4	AGE 10-14	1751-1758
CARD 20, FIELD 5	AGE 15-19	1759-1766
CARD 20, FIELD 6	AGE 20-24	1767-1774
CARD 20, FIELD 7	AGE 25-29	1775-1782
CARD 20, FIELD 8	AGE 30-34	1783-1790
CARD 20, FIELD 9	AGE 35-39	1791-1798
CARD 20, FIELD 10	AGE 40-44	1799-1806
CARD 20, FIELD 11	AGE 45-49	1807-1814
CARD 20, FIELD 12	AGE 50-54	1815-1822
CARD 20, FIELD 13	AGE 55-59	1823-1830
CARD 20, FIELD 14	AGE 60-64	1831-1838
CARD 20, FIELD 15	AGE 65-69	1839-1846
CARD 21, FIELD 1	AGE 70-74	1847-1854
CARD 21, FIELD 2	AGE 75+	1855-1862
CARD 21, FIELD 3	UNDER 1 YEAR	1863-1870
CARD 21, FIELD 4	5 YEARS	1871-1878
CARD 21, FIELD 5	14 YEARS	1879-1886
CARD 21, FIELD 6	16-17 YEARS	1887-1894
CARD 21, FIELD 7	21 AND OVER	1895-1902
	ZI / III O V ZI I	1000-1002
EMDLOVMENT STATUS (MALE	C) COURCE TABLE 2	

### EMPLOYMENT STATUS (MALES), SOURCE TABLE 3

CARD 22, FIELD 1	MALES 14 AND OVER	1903-1910
CARD 22, FIELD 2	IN LABOR FORCE	1911-1918
CARD 22, FIELD 3	EMPLOYED	1919-1926
CARD 22, FIELD 4	WAGE AND SALARY	1927-1934
CARD 22, FIELD 5	EMPLOYERS	1935-1942
CARD 22, FIELD 6	UNPAID FAMILY WORKERS	1943-1950
CARD 22, FIELD 7	NOT REPORTED	1951-1958
CARD 22, FIELD 8	PUBLIC EMERGENCY WORK	1959-1966
CARD 22, FIELD 9	SEEKING WORK	1967-1974
CARD 22, FIELD 10	EXPERIENCED WORKERS	1975-1982
CARD 22, FIELD 11	NEW WORKERS	1983-1990
CARD 23, FIELD 1	NOT IN LABOR FORCE	1991-1998
CARD 23, FIELD 2	HOUSEWORK	1999-2006
CARD 23, FIELD 3	SCHOOL	2007-2014
CARD 23, FIELD 4	UNABLE TO WORK	2015-2022
CARD 23, FIELD 5	INSTITUTIONS	2023-2030
CARD 23, FIELD 6	OTHER	2031-2038

EMPLOYMENT STATUS (FEMALES), SOURCE TABLE 3

<del></del>	FEMALES 14 AND OVER IN LABOR FORCE EMPLOYED WAGE AND SALARY EMPLOYERS UNPAID FAMILY WORKERS NOT REPORTED PUBLIC EMERGENCY WORK SEEKING WORK EXPERIENCED WORKERS NOT IN LABOR FORCE HOUSEWORK SCHOOL UNABLE TO WORK INSTITUTIONS OTHER	2039-2046 2047-2054 2055-2062 2063-2070 2071-2078 2079-2086 2087-2094 2095-2102 2103-2110 2111-2118 2119-2126 2127-2134 2135-2142 2143-2150 2151-2158 2159-2166 2167-2174
MAJOR OCCUPATIONAL GROUP	P (MALES), SOURCE TABLE 3	
CARD 26, FIELD 1 CARD 26, FIELD 2 CARD 26, FIELD 3 CARD 26, FIELD 4 CARD 26, FIELD 5 CARD 26, FIELD 6 CARD 26, FIELD 7 CARD 26, FIELD 8 CARD 26, FIELD 9 CARD 26, FIELD 10 CARD 26, FIELD 11	MALES EMPLOYED PROFESSIONAL SEMIPROFESSIONAL PROPRIETORS CLERICAL CRAFTMEN OPERATIVES DOMESTICS SERVICE WORKERS LABORERS NOT REPORTED	2175-2182 2183-2190 2191-2198 2199-2206 2207-2214 2215-2222 2223-2230 2231-2238 2239-2246 2247-2254 2255-2262
MAJOR OCCUPATIONAL GROUP	P (FEMALES), SOURCE TABLE 3	
CARD 27, FIELD 1 CARD 27, FIELD 2 CARD 27, FIELD 3 CARD 27, FIELD 4 CARD 27, FIELD 5 CARD 27, FIELD 6 CARD 27, FIELD 7 CARD 27, FIELD 8 CARD 27, FIELD 9 CARD 27, FIELD 10 CARD 27, FIELD 11	FEMALES EMPLOYED PROFESSIONAL SEMIPROFESSIONAL PROPRIETORS CLERICAL CRAFTMEN OPERATIVES DOMESTICS SERVICE WORKERS LABORERS NOT REPORTED	2263-2270 2271-2278 2279-2286 2287-2294 2295-2302 2303-2310 2311-2318 2319-2326 2327-2334 2335-2342 2343-2350

	The new order of the second se		
CARD 28, FIELD 1 CARD 28, FIELD 2 CARD 28, FIELD 3 CARD 28, FIELD 4 CARD 28, FIELD 5 CARD 28, FIELD 6 CARD 28, FIELD 7 CARD 28, FIELD 8 CARD 28, FIELD 9 CARD 28, FIELD 10 CARD 28, FIELD 11	ALL DWELLING UNITS TOTAL OWNER OCCUPIED WHITE OWNER OCCUPIED NEGRO OWNER OCCUPIED OTHER NONWHITE OWNER OCCUPIED TOTAL TENANT OCCUPIED WHITE TENANT OCCUPIED NEGRO TENANT OCCUPIED OTHER NONWHITE TENANT OCCUPIED VACANT FOR SALE OF RENT VACANT NOT FOR SALE OF RENT	2351-2358 2359-2366 2367-2374 2375-2382 2383-2390 2391-2398 2399-2406 2407-2414 2415-2422 2423-2430 2431-2438	
TYPE OF STRUCTURE, SOURC	E TABLE 6		
CARD 29, FIELD 1 CARD 29, FIELD 2 CARD 29, FIELD 3 CARD 29, FIELD 4 CARD 29, FIELD 5 CARD 29, FIELD 6 CARD 29, FIELD 7 CARD 29, FIELD 8 CARD 29, FIELD 9 CARD 29, FIELD 10 CARD 29, FIELD 11	ONE-FAMILY DETACHED ONE-FAMILY ATTACHED TWO-FAMILY SIDE BY SIDE TWO-FAMILY OTHER THREE-FAMILY FOUR-FAMILY ONE-FOUR-FAMILY WITH BUSINESS FIVE-NINE- FAMILY TEN-NINETEEN-FAMILY TWENTY-FAMILY+ OTHER	2439-2446 2447-2454 2455-2462 2463-2470 2471-2478 2479-2486 2487-2494 2495-2502 2503-2510 2511-2518 2519-2526	
NUMBER OF PERSONS IN HOU	SEHOLDS, SOURCE TABLE 6		
CARD 30, FIELD 1 CARD 30, FIELD 2 CARD 30, FIELD 3 CARD 30, FIELD 4 CARD 30, FIELD 5 CARD 30, FIELD 6 CARD 30, FIELD 7 CARD 30, FIELD 8 CARD 30, FIELD 9 CARD 30, FIELD 10 CARD 30, FIELD 11 CARD 30, FIELD 12	ALL OCCUPIED UNITS 1-PERSON 2-PERSONS 3-PERSONS 4-PERSONS 5-PERSONS 6-PERSONS 7-PERSONS 8-PERSONS 9-PERSONS 10-PERSONS	2527-2534 2535-2542 2543-2550 2551-2558 2559-2566 2567-2574 2575-2582 2583-2590 2591-2598 2599-2606 2607-2614 2615-2622	
PERSONS PER ROOM, SOURCE TABLE 6			
CARD 31, FIELD 1 CARD 31, FIELD 2 CARD 31, FIELD 3	UNDER .51 \ .5175 \ .76-1.00 \	2623-2630 2631-2638 2639-2646	

CARD 31, FIELD 4 CARD 31, FIELD 5 CARD 31, FIELD 6 CARD 31, FIELD 7 CARD 31, FIELD 8 CARD 31, FIELD 9 CARD 31, FIELD 10 CARD 31, FIELD 11 CARD 31, FIELD 11 CARD 31, FIELD 12 CARD 31, FIELD 13 CARD 31, FIELD 14	1.01-1.50 ALL OCCUPIED UNITS 1.51-2.00 / 2.01+ / NOT REPORTING / UNDER .51 \ .5175 \ .76-1.00 \ 1.01-1.50 TENANT OCCUPIED 1.51-2.00 / 2.01+ / NOT REPORTING /	2647-2654 2655-2662 2663-2670 2671-2678 2679-2686 2687-2694 2695-2702 2703-2710 2711-2718 2719-2726 2727-2734
VALUE OF HOME, SOURCE TAI	BLE 5	
CARD 32, FIELD 1 CARD 32, FIELD 2 CARD 32, FIELD 3 CARD 32, FIELD 4 CARD 32, FIELD 5 CARD 32, FIELD 6 CARD 32, FIELD 7 CARD 32, FIELD 8 CARD 32, FIELD 9 CARD 32, FIELD 10 CARD 32, FIELD 11 CARD 32, FIELD 11 CARD 32, FIELD 12 CARD 32, FIELD 13 CARD 32, FIELD 14 CARD 32, FIELD 15 CARD 33, FIELD 1 CARD 33, FIELD 1 CARD 33, FIELD 1	NUMBER REPORTING UNDER 500 500-699 700-999 1000-1499 1500-1999 2000-2499 2500-2999 3000-3999 4000-4999 5000-5999 6000-7499 7500-9999 10000-14999 15000-19999 20000+ MEDIAN	2735-2742 2743-2750 2751-2758 2759-2766 2767-2774 2775-2782 2783-2790 2791-2798 2799-2806 2807-2814 2815-2822 2823-2830 2831-2838 2839-2846 2847-2854 2855-2862 2863-2870
CONTRACT MONTHLY RENT, S	OURCE TABLE 5	
CARD 34, FIELD 1 CARD 34, FIELD 2 CARD 34, FIELD 3 CARD 34, FIELD 4 CARD 34, FIELD 5 CARD 34, FIELD 6 CARD 34, FIELD 7 CARD 34, FIELD 8 CARD 34, FIELD 9 CARD 34, FIELD 10 CARD 34, FIELD 11 CARD 34, FIELD 11 CARD 34, FIELD 12 CARD 34, FIELD 13 CARD 34, FIELD 14	NUMBER REPORTING UNDER 5 5-6 7-9 10-14 15-19 20-24 25-29 30-39 40-49 50-59 60-74 75-99 100-149	2871-2878 2879-2886 2887-2894 2895-2902 2903-2910 2911-2918 2919-2926 2927-2934 2935-2942 2943-2950 2951-2958 2959-2966 2967-2974 2975-2982

CARD 34, FIELD 15 CARD 35, FIELD 1 CARD 35, FIELD 2	150-199 200+ MEDIAN	2983-2990 2991-2998 2999-3006	
GROSS MONTHLY RENT, SOUR	RCE TABLE 5		
CARD 36, FIELD 1 CARD 36, FIELD 2 CARD 36, FIELD 3 CARD 36, FIELD 4 CARD 36, FIELD 5 CARD 36, FIELD 6 CARD 36, FIELD 7 CARD 36, FIELD 8 CARD 36, FIELD 9 CARD 36, FIELD 10 CARD 36, FIELD 11 CARD 36, FIELD 12 CARD 36, FIELD 13 CARD 36, FIELD 14 CARD 36, FIELD 15	NUMBER REPORTING UNDER 5 5-6 7-9 10-14 15-19 20-24 25-29 30-39 40-49 50-59 60-74 75-99 100+ MEDIAN	3007-3014 3015-1022 3023-3030 3031-3038 3039-3046 3047-3054 3055-3062 3063-3070 3071-3078 3079-3086 3087-3094 3095-3102 3103-3110 3111-3118 3119-3126	
STATE OF REPAIR AND PLUMBING, SOURCE TABLE 6			
CARD 37, FIELD 1 CARD 37, FIELD 2 CARD 37, FIELD 3 CARD 37, FIELD 4 CARD 37, FIELD 5 CARD 37, FIELD 6 CARD 37, FIELD 7 CARD 37, FIELD 8 CARD 37, FIELD 9 CARD 37, FIELD 10 CARD 37, FIELD 11	NOT NEEDING MAJOR REPAIRSBATH AND TOILETTOILET, NO BATH WATER, NO TOILETNO WATER NEEDING MAJOR REPAIRSBATH AND TOILETTOILET, NO BATHWATER, NO TOILETNO WATER NOT REPORTING	3127-3134 3135-3142 3143-3150 3151-3158 3159-3166 3167-3174 3175-3182 3183-3190 3191-3198 3199-3206 3207-3214	
RADIO, REFRIGERATION, AND HEATING FUEL, SOURCE TABLE 6			
CARD 38, FIELD 1 CARD 38, FIELD 2 CARD 38, FIELD 3 CARD 38, FIELD 4 CARD 38, FIELD 5 CARD 38, FIELD 6 CARD 38, FIELD 7 CARD 38, FIELD 8 CARD 38, FIELD 9	RADIO NO RADIO NOT REPORTING REFRIGERATIONMECHANICALICEOTHERNONENOT REPORTED CENTRAL HEAT	3215-3222 3223-3230 3231-3238 3239-3246 3247-3254 3255-3262 3263-3270 3271-3278 3279-3286	

#### 1940 CENSUS TRACT DATA -LAYOUT FOR TRACT LEVEL DATA

BLOCKSIZE/RECORD LENGTH C TRACT ID	COUNTER	1-4 5-17
GENERAL CHARACTERISTICS C		
CARD 1, FIELD 1 CARD 1, FIELD 2 CARD 1, FIELD 3 CARD 1, FIELD 4 CARD 1, FIELD 5 CARD 1, FIELD 6 CARD 1, FIELD 7	TOTAL POPULATION TOTAL WHITE POPULATION NATIVE WHITE POPULATION TOTAL NONWHITE POPULATION NEGRO POPULATION OCCUPIED DWELLING UNITS POPULATON PER OCCUPIED DWELLING UNI	38-42 43-47
SOURCE TABLE 3, COUNTRY O	BIRTH OF FOREIGN BORN WHITE (MALES)	
CARD 2, FIELD 2 CARD 2, FIELD 3 CARD 2, FIELD 4	ALL COUNTRIES ENGLAND AND WALES SCOTLAND NORTHERN IRELAND EIRE NORWAY SWEDEN DENMARK NETHERLANDS BELGIUM SWITZERLAND FRANCE GERMANY POLAND CZECHOSLOVAKIA	53-57 58-62 63-67 68-72 73-77 78-82 83-87 88-92 93-97 98-102 103-107 108-112 113-117 118-122 123-127
CARD 2, FIELD 16 CARD 3, FIELD 1 CARD 3, FIELD 2 CARD 3, FIELD 3 CARD 3, FIELD 4 CARD 3, FIELD 5 CARD 3, FIELD 6 CARD 3, FIELD 7 CARD 3, FIELD 8 CARD 3, FIELD 9	AUSTRIA HUNGARY YUGOSLAVIA RUSSIA LITHUANIA FINLAND ROMANIA GREECE ITALY SPAIN & PORTUGAL	128-132 133-137 138-142 143-147 148-152 153-157 158-162 163-167 168-172 173-177

	PEPRODUCED AT THE NATIONAL ARCHIVES	
CARD 3, FIELD 10	OTHER EUROPE	178-182
CARD 3, FIELD 11	ASIA	183-187
CARD 3, FIELD 12	CANADA-FRENCH	188-192
CARD 3, FIELD 13	CANADA-OTHER	193-197
CARD 3, FIELD 14	NEWFOUNDLAND	198-202
CARD 3, FIELD 15	MEXICO	203-207
CARD 3, FIELD 16	CUBA	208-212
CARD 4, FIELD 1	CENTRAL AMERICA	213-217
CARD 4. FIELD 2	OTHER	218-222

# SOURCE TABLE 3, COUNTRY O BIRTH OF FOREIGN BORN WHITE (FEMALES)

CARD 6, FIELD 6 CARD 6, FIELD 7 CARD 6, FIELD 8	ALL COUNTRIES ENGLAND AND WALES SCOTLAND NORTHERN IRELAND EIRE NORWAY SWEDEN DENMARK NETHERLANDS BELGIUM SWITZERLAND FRANCE GERMANY POLAND CZECHOSLOVAKIA AUSTRIA HUNGARY YUGOSLAVIA RUSSIA LITHUANIA FINLAND ROMANIA GREECE ITALY	223-227 228-232 233-237 238-242 243-247 248-252 253-257 258-262 263-267 268-272 273-277 278-282 283-287 288-292 293-297 298-302 303-307 308-312 313-317 318-322 323-327 328-332 333-337 338-342
CARD 6, FIELD 7	GREECE	333-337
CARD 6, FIELD 9 CARD 6, FIELD 10 CARD 6, FIELD 11	SPAIN & PORTUGAL OTHER EUROPE ASIA	343-347 348-352 353-357
CARD 6, FIELD 12 CARD 6, FIELD 13 CARD 6, FIELD 14 CARD 6, FIELD 15 CARD 6, FIELD 16	CANADA-FRENCH CANADA-OTHER NEWFOUNDLAND MEXICO CUBA	358-362 363-367 368-372 373-377 378-382
		010-002

Reference Copy Page 20 2 0

CARD 7, FIELD 1 CARD 7, FIELD 2	CENTRAL AMERICA OTHER	383-387 388-392	
SOURCE TABLE 3, YEARS OF	SCHOOL COMPLETED (MALES)		
CARD 8, FIELD 1 CARD 8, FIELD 2 CARD 8, FIELD 3 CARD 8, FIELD 4 CARD 8, FIELD 5 CARD 8, FIELD 6 CARD 8, FIELD 7 CARD 8, FIELD 8 CARD 8, FIELD 9 CARD 8, FIELD 10 CARD 8, FIELD 11	PERSON 25 & OVER NO SCHOOL COMPLETED ELEMENTARY 1-4 ELEMENTARY 5-6 ELEMENTARY 7-8 HIGH SCHOOL 1-3 HIGH SCHOOL 4 COLLEGE 1-3 COLLEGE 4+ NOT REPORTED MEDIAN	393-397 398-402 403-407 408-412 413-417 418-422 423-427 428-432 433-437 438-442 443-447	
SOURCE TABLE 3, YEARS OF	SCHOOL COMPLETED (FEMALES)		
CARD 9, FIELD 1 CARD 9, FIELD 2 CARD 9, FIELD 3 CARD 9, FIELD 4 CARD 9, FIELD 5 CARD 9, FIELD 6 CARD 9, FIELD 7 CARD 9, FIELD 8 CARD 9, FIELD 9 CARD 9, FIELD 10 CARD 9, FIELD 11	PERSON 25 & OVER NO SCHOOL COMPLETED ELEMENTARY 1-4 ELEMENTARY 5-6 ELEMENTARY 7-8 HIGH SCHOOL 1-3 HIGH SCHOOL 4 COLLEGE 1-3 COLLEGE 4+ NOT REPORTED MEDIAN	448-452 453-457 458-462 463-467 468-472 473-477 478-482 483-487 488-492 493-497 498-502	
AGE BY RACE BY MALES, SOURCE TABLE 2			
CARD 10, FIELD 1 CARD 10, FIELD 2 CARD 10, FIELD 3 CARD 10, FIELD 4 CARD 10, FIELD 5 CARD 10, FIELD 6 CARD 10, FIELD 7 CARD 10, FIELD 8 CARD 10, FIELD 9	MALE POPULATION UNDER 5 YEARS AGE 5-9 AGE 10-14 AGE 15-19 AGE 20-24 AGE 25-29 AGE 30-34 AGE 35-39	503-507 508-512 513-517 518-522 523-527 528-532 533-537 538-542 543-547	

CARD 10 FIELD 10	PEPRODUCED AT THE NATIONAL ARCHIVES	5.40.550	
CARD 10, FIELD 10 CARD 10, FIELD 11	AGE 40-44	548-552	
CARD 10, FIELD 12	AGE 45-49 AGE 50-54	553-557	
CARD 10, FIELD 12	AGE 50-54 AGE 55-59	558-562	
CARD 10, FIELD 14	AGE 55-59 AGE 60-64	563-567	
CARD 10, FIELD 14	AGE 60-64 AGE 65-69	568-572	
CARD 11, FIELD 13	AGE 03-09 AGE 70-74	573-577	
CARD 11, FIELD 2	AGE 70-74 AGE 75+	578-582	
CARD 11, FIELD 3	UNDER 1 YEAR	583-587	
CARD 11, FIELD 3	5 YEARS	588-592	
CARD 11, FIELD 5	14 YEARS	593-597	
	16-17 YEARS	598-602	
CARD 11, FIELD 7	21 AND OVER	603-607	
CARD 11, FILED 1	21 AND OVER	608-612	
AGE BY RACE BY FEMALES, SO	OURCE TABLE 2		
CARD 12, FIELD 1	FEMALE POPULATION	613-617	
CARD 12, FIELD 2	UNDER 5 YEARS	618-622	
CARD 12, FIELD 3	AGE 5-9	623-627	
CARD 12, FIELD 4	AGE 10-14	628-632	
CARD 12, FIELD 5	AGE 15-19	633-637	
CARD 12, FIELD 6	AGE 20-24	638-642	
CARD 12, FIELD 7	AGE 25-29	643-647	
CARD 12, FIELD 8	AGE 30-34	648-652	
CARD 12, FIELD 9	AGE 35-39	653-657	
CARD 12, FIELD 10	AGE 40-44	658-662	
CARD 12, FIELD 11	AGE 45-49	663-667	
CARD 12, FIELD 12	AGE 50-54	668-672	
CARD 12, FIELD 13	AGE 55-59	673-677	
CARD 12, FIELD 14	AGE 60-64	678-682	
CARD 12, FIELD 15	AGE 65-69	683-687	
CARD 13, FIELD 1	AGE 70-74	688-692	
CARD 13, FIELD 2	AGE 75+	693-697	
CARD 13, FIELD 3	UNDER 1 YEAR	698-702	
CARD 13, FIELD 4	5 YEARS	703-707	
CARD 13, FIELD 5	14 YEARS	708-712	
CARD 13, FIELD 6	16-17 YEARS	713-717	
CARD 13, FIELD 7	21 AND OVER	718-722	
AGE BY NATIVE WHITE MALES, SOURCE TABLE 2			
CARD 14, FIELD 1	MALE POPULATION	723-727	
CARD 14 FIELD 1	NALL FOR LATION	123-121	

**UNDER 5 YEARS** 

AGE 5-9

22

728-732

733-737

CARD 14, FIELD 2 CARD 14, FIELD 3

CARD 14 FIELD 4	reproduced at the national archives	720 740
CARD 14, FIELD 4	AGE 10-14	738-742
CARD 14, FIELD 5	AGE 15-19	743-747
CARD 14, FIELD 6	AGE 20-24	748-752
CARD 14, FIELD 7	AGE 25-29	753-757
CARD 14, FIELD 8	AGE 30-34	758-762
CARD 14, FIELD 9	AGE 35-39	763-767
CARD 145, FIELD 10	AGE 40-44	768-772
CARD 14, FIELD 11	AGE 45-49	773-777
CARD 14, FIELD 12	AGE 50-54	778-782
CARD 14, FIELD 13	AGE 55-59	783-787
CARD 14, FIELD 14	AGE 60-64	788-792
CARD 14, FIELD 15	AGE 65-69	793-797
CARD 15, FIELD 1	AGE 70-74	798-802
CARD 15, FIELD 2	AGE 75+	803-807
CARD 15, FIELD 3	UNDER 1 YEAR	808-812
CARD 15, FIELD 4	5 YEARS	813-817
CARD 15, FIELD 5	14 YEARS	818-822
CARD 15, FIELD 6	16-17 YEARS	823-827
CARD 15, FIELD 7	21 AND OVER	828-832

# AGE BY NATIVE WHITE FEMALES, SOURCE TABLE 2

CARD 16, FIELD 1	FEMALE POPULATION	833-837
CARD 16, FIELD 2	UNDER 5 YEARS	838-842
CARD 16, FIELD 3	AGE 5-9	843-847
CARD 16, FIELD 4	AGE 10-14	848-852
CARD 16, FIELD 5	AGE 15-19	853-857
CARD 16, FIELD 6	AGE 20-24	858-862
CARD 16, FIELD 7	AGE 25-29	863-867
CARD 16, FIELD 8	AGE 30-34	868-872
CARD 16, FIELD 9	AGE 35-39	873-877
CARD 16, FIELD 10	AGE 40-44	878-882
CARD 16, FIELD 11	AGE 45-49	883-887
CARD 16, FIELD 12	AGE 50-54	888-892
CARD 167, FIELD 13	AGE 55-59	893-897
CARD 16, FIELD 14	AGE 60-64	898-902
CARD 16, FIELD 15	AGE 65-69	903-907
CARD 17, FIELD 1	AGE 70-74	908-912
CARD 17, FIELD 2	AGE 75+	913-917
CARD 17, FIELD 3	UNDER 1 YEAR	918-922
CARD 17, FIELD 4	5 YEARS	923-927
CARD 17, FIELD 5	14 YEARS	928-932
CARD 17, FIELD 6	16-17 YEARS	933-937
CARD 17, FIELD 7	21 AND OVER	938-942

## AGE BY FOREIGN BORN WHITE MALES, SOURCE TABLE 2

CARD 18, FIELD 1	MALE POPULATION	943-947
CARD 18, FIELD 2	UNDER 5 YEARS	948-952
CARD 18, FIELD 3	AGE 5-9	953-957
CARD 18, FIELD 4	AGE 10-14	958-962
CARD 18, FIELD 5	AGE 15-19	963-967
CARD 18, FIELD 6	AGE 20-24	968-972
CARD 18, FIELD 7	AGE 25-29	973-977
CARD 18, FIELD 8	AGE 30-34	978-982
CARD 18, FIELD 9	AGE 35-39	983-987
CARD 18, FIELD 10	AGE 40-44	988-992
CARD 18, FIELD 11	AGE 45-49	993-997
CARD 18, FIELD 12	AGE 50-54	998-1002
CARD 18, FIELD 13	AGE 55-59	1003-1007
CARD 18, FIELD 14	AGE 60-64	1008-1012
CARD 18, FIELD 15	AGE 65-69	1013-1017
CARD 19, FIELD 1 CARD 19, FIELD 2 CARD 19, FIELD 3	AGE 03-09 AGE 70-74 AGE 75+ UNDER 1 YEAR 5 YEARS	1018-1022 1023-1027 1028-1032
CARD 19, FIELD 4 CARD 19, FIELD 5 CARD 19, FIELD 6 CARD 19, FIELD 7	14 YEARS 16-17 YEARS 21 AND OVER	1033-1037 1038-1042 1043-1047 1048-1052

### AGE BY FOREIGN BORN WHITE FEMALES, SOURCE TABLE 2

CARD 20, FIELD 1	FEMALE POPULATION	1053-1057
CARD 20, FIELD 2	UNDER 5 YEARS	1058-1062
CARD 20, FIELD 3	AGE 5-9	1063-1067
CARD 20, FIELD 4	AGE 10-14	1068-1072
CARD 20, FIELD 5	AGE 15-19	1073-1077
CARD 20, FIELD 6	AGE 20-24	1078-1082
CARD 20, FIELD 7	AGE 25-29	1083-1087
CARD 20, FIELD 8	AGE 30-34	1088-1092
CARD 20, FIELD 9	AGE 35-39	1093-1097
CARD 20, FIELD 10	AGE 40-44	1098-1102
CARD 20, FIELD 11	AGE 45-49	1103-1107
CARD 20, FIELD 12	AGE 50-54	1108-1112
CARD 20, FIELD 13	AGE 55-59	1113-1117
CARD 20, FIELD 14	AGE 60-64	1118-1122
CARD 20, FIELD 15	AGE 65-69	1123-1127
CARD 21, FIELD 1	AGE 70-74	1128-1132

CARD 21, FIELD 2	AGE 75+	1133-1137
	UNDER 1 YEAR	1138-1142
CARD 21, FIELD 4	5 YEARS	1143-1147
CARD 21, FIELD 5	14 YEARS	1148-1152
CARD 21, FIELD 6	16-17 YEARS	1153-1157
CARD 21, FIELD 7	21 AND OVER	1158-1162
EMPLOYMENT STATUS (MALE	S) , SOURCE TABLE 3	
CARD 22, FIELD 1	MALES 14 AND OVER	1163-1167
CARD 22, FIELD 2	IN LABOR FORCE	1168-1172
CARD 22, FIELD 3	EMPLOYED	1173-1177
CARD 22, FIELD 4	WAGE AND SALARY	1178-1182
CARD 22, FIELD 5	EMPLOYERS	1183-1187
•	UNPAID FAMILY WORKERS	1188-1192
CARD 22, FIELD 7	NOT REPORTED	1193-1197
CARD 22, FIELD 8	PUBLIC EMERGENCY WORK	1198-1202
CARD 22, FIELD 9 CARD 22, FIELD 10	SEEKING WORK EXPERIENCED WORKERS	1203-1207 1208-1212
CARD 22, FIELD 10	NEW WORKERS	1213-1217
CARD 23, FIELD 1	NOT IN LABOR FORCE	1218-1222
CARD 23, FIELD 2	HOUSEWORK	1223-1227
CARD 23, FIELD 3	SCHOOL	1228-1232
CARD 23, FIELD 4	UNABLE TO WORK	1233-1237
CARD 23, FIELD 5	INSTITUTIONS	1238-1242
CARD 23, FIELD 6	OTHER	1243-1247
EMPLOYMENT STATUS (FEMA	LES) , SOURCE TABLE 3	•
CARD 24, FIELD 1	FEMALES 14 AND OVER	1248-1252
CARD 24, FIELD 2	IN LABOR FORCE	1253-1257
CARD 24, FIELD 3	EMPLOYED	1258-1262
CARD 24, FIELD 4	WAGE AND SALARY	1263-1267
CARD 24, FIELD 5	EMPLOYERS	1268-1272
CARD 24, FIELD 6	UNPAID FAMILY WORKERS	1273-1277
CARD 24, FIELD 7 CARD 24, FIELD 8	NOT REPORTED PUBLIC EMERGENCY WORK	1278-1282 1283-1287
CARD 24, FIELD 8	SEEKING WORK	1288-1292
CARD 24, FIELD 3	EXPERIENCED WORKERS	1293-1297
CARD 24, FIELD 11	NEW WORKERS	1298-1302
CARD 25, FIELD 1	NOT IN LABOR FORCE	1303-1307
CARD 25, FIELD 2	HOUSEWORK	1308-1312
CARD 25, FIELD 3	SCHOOL	1313-1317
CARD 25, FIELD 4	UNABLE TO WORK	1318-1322

CARD 25, FIELD 5 CARD 25, FIELD 6	PFPRODUCED AT THE NATIONAL ARCHIVES INSTITUTIONS OTHER	1323-1327 1328-1332	
MAJOR OCCUPATIONAL GROU	JP (MALES), SOURCE TABLE 3		
CARD 26, FIELD 1 CARD 26, FIELD 2 CARD 26, FIELD 3 CARD 26, FIELD 4 CARD 26, FIELD 5 CARD 26, FIELD 6 CARD 26, FIELD 7 CARD 26, FIELD 8 CARD 26, FIELD 9 CARD 26, FIELD 10 CARD 26, FIELD 11	MALES EMPLOYED PROFESSIONAL SEMIPROFESSIONAL PROPRIETORS CLERICAL CRAFTMEN OPERATIVES DOMESTICS SERVICE WORKERS LABORERS NOT REPORTED	1333-1337 1338-1342 1343-1347 1348-1352 1353-1357 1358-1362 1363-1367 1368-1372 1373-1377 1378-1382 1383-1387	
MAJOR OCCUPATIONAL GROU	JP (FEMALES), SOURCE TABLE 3		
CARD 27, FIELD 1 CARD 27, FIELD 2 CARD 27, FIELD 3 CARD 27, FIELD 4 CARD 27, FIELD 5 CARD 27, FIELD 6 CARD 27, FIELD 7 CARD 27, FIELD 8 CARD 27, FIELD 9 CARD 27, FIELD 10 CARD 27, FIELD 11	FEMALES EMPLOYED PROFESSIONAL SEMIPROFESSIONAL PROPRIETORS CLERICAL CRAFTMEN OPERATIVES DOMESTICS SERVICE WORKERS LABORERS NOT REPORTED	1388-1392 1393-1397 1398-1402 1403-1407 1408-1412 1413-1417 1418-1422 1423-1427 1428-1432 1433-1437 1438-1442	
DWELLING UNITS BY OCCUPANCY STATUS AND RACE, SOURCE TABLE 4			
CARD 28, FIELD 1 CARD 28, FIELD 2 CARD 28, FIELD 3 CARD 28, FIELD 4 CARD 28, FIELD 5 CARD 28, FIELD 6 CARD 28, FIELD 7 CARD 28, FIELD 8 CARD 28, FIELD 9	ALL DWELLING UNITS TOTAL OWNER OCCUPIED WHITE OWNER OCCUPIED NEGRO OWNER OCCUPIED OTHER NONWHITE OWNER OCCUPIED TOTAL TENANT OCCUPIED WHITE TENANT OCCUPIED NEGRO TENANT OCCUPIED OTHER NONWHITE TENANT OCCUPIED	1443-1447 1448-1452 1453-1457 1458-1462 1463-1467 1468-1472 1473-1477 1478-1482 1483-1487	

CARD 28, FIELD 10 CARD 28, FIELD 11	VACANT FOR SALE OR RENT VACANT NOT FOR SALE OF RENT	1488-1492 1493-1497	
TYPE OF STRUCTURE, SOURCE	CE TABLE 6		
CARD 29, FIELD 1 CARD 29, FIELD 2 CARD 29, FIELD 3 CARD 29, FIELD 4 CARD 29, FIELD 5 CARD 29, FIELD 6 CARD 29, FIELD 7 CARD 29, FIELD 8 CARD 29, FIELD 9 CARD 29, FIELD 10 CARD 29, FIELD 11	ONE-FAMILY DETACHED ONE-FAMILY ATTACHED TWO-FAMILY SIDE BY SIDE TWO-FAMILY OTHER THREE-FAMILY FOUR-FAMILY ONE-FOUR-FAMILY WITH BUSINESS FIVE-NINE- FAMILY TEN-NINETEEN-FAMILY TWENTY-FAMILY+ OTHER	1498-1502 1503-1507 1508-1512 1513-1517 1518-1522 1523-1527 1528-1532 1533-1537 1538-1542 1543-1547 1548-1552	
NUMBER OF PERSONS IN HOUSEHOLDS, SOURCE TABLE 6			
CARD 30, FIELD 1 CARD 30, FIELD 2 CARD 30, FIELD 3 CARD 30, FIELD 4 CARD 30, FIELD 5 CARD 30, FIELD 6 CARD 30, FIELD 7 CARD 30, FIELD 8 CARD 30, FIELD 9 CARD 30, FIELD 10 CARD 30, FIELD 11 CARD 30, FIELD 12	ALL OCCUPIED UNITS 1-PERSON 2-PERSONS 3-PERSONS 4-PERSONS 5-PERSONS 6-PERSONS 7-PERSONS 8-PERSONS 9-PERSONS 11-PERSONS	1553-1557 1558-1562 1563-1567 1568-1572 1573-1577 1578-1582 1583-1587 1588-1592 1593-1597 1598-1602 1603-1607 1608-1612	
PERSONS PER ROOM, SOURCE TABLE 6			
CARD 31, FIELD 1 CARD 31, FIELD 2 CARD 31, FIELD 3 CARD 31, FIELD 4 CARD 31, FIELD 5 CARD 31, FIELD 6 CARD 31, FIELD 7 CARD 31, FIELD 8	UNDER .51 \ .5175 \ .76-1.00 \ 1.01-1.50 ALL OCCUPIED UNITS 1.51-2.00 / 2.01+ / NOT REPORTING / UNDER .51 \	1613-1617 1618-1622 1623-1627 1628-1632 1633-1637 1638-1642 1643-1647 1648-1652	

	DEPRODUCED AT TO	HE NATIONAL ARCHIVES	
CARD 31, FIELD 9	.5175	\	1653-1657
CARD 31, FIELD 10	.76-1.00	\	1658-1662
CARD 31, FIELD 11	. 1.01-1.50	TENANT OCCUPIED	1663-1667
CARD 31, FIELD 12	1.51-2.00	/	1668-1672
CARD 31, FIELD 13	2.01+	1	1673-1677
CARD 31, FIELD 14	NOT REPORT	ING /	1678-1682

## VALUE OF HOME, SOURCE TABLE 5

# CONTRACT MONTHLY RENT, SOURCE TABLE 5

CARD 34, FIELD 1	NUMBER REPORTING	1768-1772
CARD 34, FIELD 2	UNDER 5	1773-1777
CARD 34, FIELD 3	5-6	1778-1782
CARD 34, FIELD 4	7-9	1783-1787
CARD 34, FIELD 5	10-14	1788-1792
CARD 34, FIELD 6	15-19	1793-1797
CARD 34, FIELD 7	20-24	1798-1802
CARD 34, FIELD 8	25-29	1803-1807
CARD 34, FIELD 9	30-39	1808-1812
CARD 34, FIELD 10	40-49	1813-1817
CARD 34, FIELD 11	50-59	1818-1822
CARD 34, FIELD 12	60-74	1823-1827
CARD 34, FIELD 13	75-99	1828-1832
CARD 34, FIELD 14	100-149	1833-1837

CARD 34, FIELD 15 CARD 35, FIELD 1 CARD 35, FIELD 2	150-199 200+ MEDIAN	1838-1842 1843-1847 1848-1852	
GROSS MONTHLY RENT, SOURCE TABLE 5			
CARD 36, FIELD 1 CARD 36, FIELD 2 CARD 36, FIELD 3 CARD 36, FIELD 4 CARD 36, FIELD 5 CARD 36, FIELD 6 CARD 36, FIELD 7 CARD 36, FIELD 8 CARD 36, FIELD 9 CARD 36, FIELD 10 CARD 36, FIELD 11 CARD 36, FIELD 12 CARD 36, FIELD 13 CARD 36, FIELD 14 CARD 36, FIELD 15	15-19 20-24 25-29 30-39 40-49 50-59 60-74 75-99	1853-1857 1858-1862 1863-1867 1868-1872 1873-1877 1878-1882 1883-1887 1888-1892 1893-1897 1898-1902 1903-1907 1908-1912 1913-1917 1918-1922 1923-1927	
STATE OF REPAIR AND PLUMBING, SOURCE TABLE 6			
CARD 37, FIELD 1 CARD 37, FIELD 2 CARD 37, FIELD 3 CARD 37, FIELD 4 CARD 37, FIELD 5 CARD 37, FIELD 6 CARD 37, FIELD 7 CARD 37, FIELD 8 CARD 37, FIELD 9 CARD 37, FIELD 10 CARD 37, FIELD 11	NOT NEEDING MAJOR REPAIRSBATH AND TOILETTOILET, NO BATH WATER, NO TOILETNO WATER NEEDING MAJOR REPAIRSBATH AND TOILETTOILET, NO BATHWATER, NO TOILETNO WATER NOT REPORTING	1928-1932 1933-1937 1938-1942 1943-1947 1948-1952 1953-1957 1958-1962 1963-1967 1968-1972 1973-1977 1978-1982	
RADIO, REFRIGERATION, AND HEATING FUEL, SOURCE TABLE 6			
CARD 38, FIELD 1 CARD 38, FIELD 2 CARD 38, FIELD 3 CARD 38, FIELD 4	RADIO NO RADIO NOT REPORTING REFRIGERATIONMECHANICAL	1983-1987 1988-1992 1993-1997 1998-2002	

#### PEPRODUCED AT THE NATIONAL ARCHIVES

	1	
CARD 38, FIELD 5	ICE	2003-2007
CARD 38, FIELD 6	OTHER	2008-2012
CARD 38, FIELD 7	NONE	2013-2017
CARD 38, FIELD 8	NOT REPORTED	2018-2022
CARD 38, FIELD 9	CENTRAL HEAT	2023-2027
CARD 38, FIELD 10	NO CENTRAL HEAT	2028-2032
CARD 38, FIELD 11	NOT REPORTED	2033-2037

#### THE PROPRIED AT THE NATIONAL ARCHIVES

Although tract ID's are allocated an 8 column field, there are four possible subfields to the ID: prefix, tract number, suffic, and a code for split tracts. The subfields are to be purched as follows:

CCLUMBS	FIELD	
1-2	prefix (generally alphabetic)	
	tract number	
6-7	suffix (alphabetic or numeric)	
8	code for split tracts (O if not split)	

#### PEPRODUCED AT THE NATIONAL ARCHIVES

DECK Card 1, General Characteristics of the Population, Table 1

Field	Column	Contents
	1-8	Tract ID
1 .	9-13	Total Population
2		Total White Population
3 .	•	Native White Population
4		Total Nonwhite Population
5		Megro Population
6	34-37	Occupied Dwelling Units 4
7		Population per Occupied Dwelling Unit
	42-72	
		Sequence Number
	•	Deck Number 0010

Card 2, Source Table 3, Country of Birth of Foreign Born White (Males)

<u>Field</u>	Column	Contents
	1 0	Munich TD
	1-8	
1	9-12	All Countries
2	13-16	, England and Wales
3	17-20	[Scotland
·1	21-24	Northern Ireland
5	25-28	.Eire
6	29-32	.Norway
7	33-36	
8	37-40	.Deimark
9	41-44	.Netherlands
10	45=48	"Belgium
11	49-52	Switzerland
12	53-56	.France
13	57-60	.Germany
14	61-64	.Poland
15	65-68	.Czechoslovakia
16	69-72	.Austria
	73-76	.Sequence Number
	77-80	.Deck Number 0020

## perpoduced at the national archives 1940 Consus Tract.

Card 3, Source Table 3, Country of Birth of Foreign Born White (Males)

Field	Column	Contents
<b></b> _ ·	1-8	Tract ID
1 .	9-12	Hungary
2	13-16	.Yugoslavia
3	17-20	
4	21-24	. Li thuania
5	25-28	. Finland
6	29-32	. Rumanika
7	33-36	.Greece
33	37-40	lhnly
9	41-44	Spain & Portugal
10	45-48	.Other Europe
1 i	49-52	.Asia
12	53-56	.Canada-French
13	57-60	.Canada_Other
14	61-64	.Newfoundland
15	65-68	.Mexico
16	69-72	.Cuba
		.Sequence Number
		.Deck Number 0030

Card 4, Source Table 3, Country of Birth of Foreign Born White (Males)

Field	Column	Contents
<del>-</del>	1-8	.Tract ID
1	9-12	.Central America
2	13-16	other 1 not Report
	17-72	Skip
	73-76	.Sequence Number
	77-80	.Deck Number 0040

Cards 5-7, Source Table 3, Country of Birth of Foreign Born White (Females)

<u>Field</u>	Column	Conte	ıts
	1-8	Tract	ID

SAME AS CARDS 2-4, EXCEPT DECK NUMBER, COLUMNS 77-80 --0050, 0060, 0070

Card 8, Source Table 3, Years of school completed (Males)

<u>Field</u>	Column	Contents
	1-8	.Tract ID
1	9-13	Werson 25 & over = 😃
2	14-18	.Wo school completed
3	19-23	.Wiementary 1-4
4		.Wlementary 5-6
5		Elementary 7-8
6		Migh school 1-3
7		.High school 4
8		.college 1-3
9		.Cóllege 4+
10		.Not reported 5
11		.Median - 61
~~	63-72	
		Sequence Number
		Deck Number 0080

#### PEPRODUCED AT THE NATIONAL ARCHIVES

1940 Census Tract

Card 9. Source Table :	3. Years:	of School	Completed	(Female 3)
------------------------	-----------	-----------	-----------	------------

Field	Columb	Contents
	4.4	• · • ·
	1-8	Tract ID

### SAME AS CARD 8, EXCEPT FOR FEMALES

-- 77-80......Deck Number 0090

Cird 10, Age by Race by Males, Source Table 2

Field	Column	Contents
	1-8	
1	$9_{7}13$	.Male Population
2	. 1/41 B	Under 5 Years .
3	19-23	•5 <b>-</b> 9
4	24-27	.10-14-
5 6	28-31	.15-19
6	32-35	
7	36-39	·25 <del>-</del> 29 · ·/
8	40-43	.30-34
9	-44-47	·35-39
10	48-51	.40-44
11	-52-55·····	.45-49
12	56-59	.50-54
13	.60-63	
14	64-67	.60-64
15	68-71	•65-69°
	72	
		.Sequence Number
	77-80	.Deck Number 0100

# 1946 Census Tract PEPRODUCED AT THE NATIONAL ARCHIVES

### Card 11. Age by Race by Males (cont), Source Table 2

Field	Column	Contents
	1-8	
1	9-12	70-74 - '
2	43-16	••75+ - (1
<b></b>	17-20	Skip . ci
3		Under 1 Year - 15 tre.
4	26-30	Under 1 Year - Shipping 15 year.
5	31-35	14 Years
6		16-17 Years 5
7		21 and Over <
<b>B</b>	46-72	
	·	Sequence Number
		Deck Number 0110

# 13.0 Census Tract

Cards 12-13, Age by Race by Females, Source Table 2

Field	Column	Contents
	4-8	.Tract ID

SAME AS CARDS 10-11. EXCEPT DECK NUMBER, COLUMNS 77-80 -- 0120,0130

# 1940 Census Tract PEPRODUCED AT THE NATIONAL ARCHIVES

Card 14-15, Age by Native White Males, Source Table 2

Field	Column	Contents
	1-8	Tract ID

SAME AS CARDS 10-11, EXCEPT DECK NUMBER, COLUMNS 77-80 -- 0140, 0150

# 19"9 Census Tract PEPRODUCED AT THE NATIONAL ARCHIVES

Card 16-17, Age by Native White Females, Source Table 2

Field	Column	Contents
	1-8	Tract ID

SAME AS CARDS 10-11, EXCEPT DECK NUMBER, CULUMNS 77-80 -- 0160, 0170

# 19'0 Census Tract reproduced at the national archives

Card 18-19, Age by Foreign born White Males, Source Table 2

Field	Column	Contents
<b></b>	1-8	.Tract ID

SAME AS CARDS 10-11, EXCEPT DECK NUMBER, COLUMNS 77-80 -- 0180, 0190

## 1540 Census Tract PEPRODUCED AT THE NATIONAL ARCHIVES

Card 20-21, Age by Foreign-born White Females, Source Table 2

Field	Column	Conter	ts				
	1-8	Tract	ID				
SAME AS CAR	DS 10-11,	EXCEPT DECK	NUMBER,	COLUMNS	77-80 -	- 0200,	0210

Card 22, Employment Status (males), Source Table 3

Field	Column	Contents
	1-8	Tract ID
	9-10	Gktp
1	11-15	Nales 14 and Over 5
2	16-20	In labor Force - 5
3	21-25	⊌mployed - 5
4	26-30	Wage and Salary - S
5	31-35	Employers -
6	36-40	Unpaid Family Workers - 4
7		Not Reported
8	46-50	Public Emergency Work - 1.
9	51-55	Sceking Work (unemp)?Experienced Workers - S
10	56-60	Experienced Workers - S
11	61-65	New Workers - 5
	66-72	
<i>y</i>	73-76	Sequence Number
	77-80	Deck Number 0220

Card 23, Employment Status (Males), Source Table 3

Field	Column	Contents
	1-8	•
	9-10	.Skip
1	11-15	.Not in Labor Force - 😑
2	16-20	.Housework
3	21 25	Cabaal C
4	26-30	.Unable To Work
5	31-35	.Unable To Work .Institutions
6	36-40	.Other _ <
	41-72	.Skip
<del></del>	73-76	.Sequence Number
		.Deck Number 0230

## 190 Census Tract PEPRODUCED AT THE NATIONAL ARCHIVES

Card 24-25, Employment Status (Female), Source Table 3

Field	Column	Contents
	1-8	.Tract ID

# 1040 Census Tract PEPRODUCED AT THE NATIONAL ARCHIVES

-Card 26, Major Occupational Group (Males), Source Table 3

Field	Column	Contents
	1-8	.Tract ID
	9-10	Skip
1	11-15	.Males Employed -
2	16-19	. Professional _ '/
3	20-23	.Semiprofessiona $oldsymbol{\hat{N}}$ $\sqrt{\epsilon}_{I}$
4	24-27	Proprietors
5		ClericalL/
5 - 6		·Craftsmen - 4/
7	36-39	Operatives - "
8	40-43	.Domestics - 4
9		. Service Workers 🦿
10	48-51	
11		.Not Repurted 4
~-	56-72	
		.Sequence Number
		.Deck Number 0260

# 17/10 Census Tract PEPRODUCED AT THE NATIONAL ARCHIVES

Card 27, Major Occupational Group (Females), Source Table 3

Field	Column	Contents
	1-8	Tract ID

SAME AS CARD 26, EXCEPT DECK NUMBER, COLUMNS 77-80 -- 0270

## 1 9+U CONSUS Tract PEPRODUCED AT THE NATIONAL ARCHIVES

Card 28, Dwelling Units by Occupancy Status and Race, Source Table 4

<u>Field</u>	Column	Contents
~ <del>~</del>	1-8	Tract ID
	9-10	Skip
1		All Dwelling Units
2	16-20	!Total Owner Occupied
3	21-25	White Owner Occupied  Negro Owner Occupied
4		* * * * * * * * * * * * * * * * * * *
5	31-35	Other Nonwhite Owner Occupied
6	36-40	Total Tenant Occupied
7		White Tenant Occupied
8		Negro Tenant Occupied
9		Other Nonwhite Tenant Occupied
10		Vacant for Sale or Rent
11		Vacant Not for Sale of Rent
	66-72	
<b></b>		Seguence Number
		Deck Number 0280

Card 29, Type of Structure, Source Table 6

Field	Column	Contents
	1-8	Tract ID
1	9-12	1-Family Detached ///
2	13-16	Family Attached
3	17-20	2-Family Side by Side
4		2_Family Other
5	25-28	
6		4-Family
7		1-4-Family with Bmsiness 7,
8		
9	41-44	)10-19-Family
10		(20-Family+
11	49-52	
	53-72	· · · · · · · · · · · · · · · · · · ·
		Sequence Number
		Deck Number 0290

Card 30, Number of Persons in Households, Source Table 6

Field	Column	Contents
		Tract ID
	9-10	Skip
_1	11-15	All Occupied Units
2	16-19	··· / Person 😅
3 4	20-23	··· Z Persons
4	24-27	··· > Persons
5 6		Persons
6		/5 Persons
7		}6 Persons
8		(7 Persons
9		8 Persons
10		9 Persons
		10 Persons
12		11+ Persons
	60-72	
		Sequence Number
1		Deck Number 0300

Card 31, Persons Per Room, Source Table 6

<u>Field</u>	<u>Column</u> <u>Contents</u>
	1-8Tract ID
1 .	9-12
2	13-165175
3	17-20
4	21-24(1.01-1.50
5	25-28
6	29-32(2.01+
7	33-36Not Reporting
8	37-40Under .51
9	41-44
10	45-4876-1.00
11	49-52 Tenant Occupied
12	53-56
13	57-602.01+
14	61-64Not Reporting
	65-72Skip
~7	73-76Sequence Number
	77-80Deck Number 0310

Card 32, Value of Home, Source Table 5

Field	Column	Contents
	1-8	.Tract ID
1	9-13	.Number Reporting
2	14-17	
3	18-21	.500-699 - 4
4	22-25	
5 6	26-29	.1000-1499
6	30-33	1500-1999
7	34-37	
8	38-41	2500-2999
9	42-45	3000-3999
10.	46-49	4000-4999
11	50-53	
12	54-57	
·13	58-61	
14	62-65	
15	66-69	.15000-19999
	70-72	
		Sequence Number
	77-80	Deck Number 0320

## 19+0 Census Tract PEPRODUCED AT THE NATIONAL ARCHIVES

Card 33, Value of Home (cont), Source Table 5

<u>Field</u>	Column	Contents
<b></b>	1-8	.Tract ID
	9-10	.Skip
1	11-14	.20000+
2 .	15-19	.Median
	20-72	.Sklp
· 	73-76	.Sequence Number
·	77-80	.Deck Number 0330

### Value of a

Colu	
1-8. 9-13 14-1 18-2 22-2 26-2 30-3 34-3 38-41	
46_45	
50-53 54-5' 58-61 62-6'	
62-6; 66-6; 70-7; 73-76 77-80;	

## 19+0 Census Tract PEPRODUCED AT THE NATIONAL ARCHIVES

Card 33, Value of Home (cont), Source Table 5

Field	Column	Contents
	1-8	.Tract ID
	9-10	· · · · · · · · · · · · · · · · · · ·
1	11-14	
2	15-19	. Median
	20-72	.Sklp
· 	73-76	.Sequence Number
·		.Deck Number 0330

Card 34, Contract Monthly Rent, Source Table 5

Field	Column	Contents
		Tract ID
1	9–13	Number Reporting
2	14-17	Ander 5
3	18-21	6
4	22-25	
5	26-29	
3 4 5 6	30-33	
7	34-37	
8	38-41	25-29
9	42-45	ko-39
ío	46-49	40-49
-11	50-53	
12	54-57	50-74
13	58-61	
14	62-65	
15	66-69	
<b>-</b>	70-72	
		Sequence Number
<del></del>		Deck Number 0340

## 1 Stephoodeed at the national catchives

Card 35, Contract Monthly Rent (cont), Source Table 5

Field	Column	Contents
	1-8	Tract ID
	9-10	Skip
1	11-14	
2	15-19	Median
	20-72	
		Sequence Number
, ,		Deck Number 0350

Card 36, Gross Monthly Rent, Source Table 5

Fleld	Column	Contents
<del></del>	1-8	Tract ID
1	9-13	Number Reporting
2		Under 5
3	18-21	
4	22-25	
	26-29	
5 6	30-33	
7	34-37	
8	38-41	
9	42-45	
10		40-49
11	50-53	
12	54-57	
13	58-61	
14	62-65	
<b>1</b> 5	66-70	
	71-72	
		Sequence Number
		Deck Number 0360

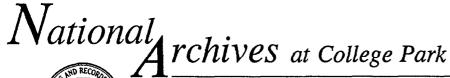
Card 37, State of Repair and Plumbing, Source Table 6

Field	Column	Contents
	1-8	.Tract ID
1	9-12	Mot Needing Major Repairs
2		. Bath and Toilet
3	17-20	. Toilet, No Bath
4	21-24	.Water, No Toilet
5	25-28	
6		Needing Major Repairs
7	33-36	. Bath and Toilet
8		. Toilet, No Bath
9	41-44	. Water, No Toilet
10	45-48	
11.		Not Reporting
	53-72	
		.Sequence Number
	-	.Deck Number 0370

## 1040 Condus Tract

Card 38, Radio, Refrigeration, and Heating Fuel, Source Table 6

Field	Column	Contents
	1-8	Tract ID
1	9-12	Rádio
2	13-16	Nø Radio
3	17-20	Not Reported
4	21-24	Refrigeration Mechanical
5	25-28	
6	△ \ 29-32	Other
7	33-36	None
8	37-40	Not Reported
9	41-44	Çentral Heat
10	45-48	No Central Heat
11		. Not Reported
	53-72	<del>-</del>
		Sequence Number
		Deck Number 0380



8601 Adelphi Road College Park MD 20740-6001

Theodore J. Hull September 16, 1998 NN3-CFS-96-999

# Documentation for the Census Tract Data, 1940: Elizabeth Mullen Bogue File

Following are two pages of sample records printed from the Census Tract Data, 1940: Elizabeth Mullen Bogue File, file for Atlantic City, New Jersey, created from the records as provided to the Center for Electronic Records. Brown University transferred the data to the National Archives in EBCDIC, IBM Standard labelled, on 9-track, 6250 bpi open reel magnetic tapes. The files have variable length records. These files were preservation copied by the National Archives on to 18-track, 37,871 bpi, 3480-class tape cartridges in EBCDIC, with IBM standard labels.

TULOU	TED LLIVE									
					4	.*5.	*6	5*	7 *	8
ATLA	NTIC CI	TY,NEW JI	ERSEY 19	940			METF	23	64094	483
47	40152	15747	15668	17791	360	4054	279	97	70	1
83	46	25	13	16	4	29	50	233	183	
13	178	81	6	1173	45	4	84	97	901	
9	52	98	8	48	4	3	1	12	9	41
41	409	123	154	407	29	30	10	8	7	
22	53	260	194	11	179	83	2	1195	34	
3	94	24	578	4	22	56	14	104	6	
1	8	8	9	19953	768	1898	2467	7040	2997	23
92	855	965	571	83	23582	950	1868	2658	8444	39
65	3627	823	692	555	84	29913	1660	1693	2102	23
15	2190	2358	2340	2436	2565	2469	2317	1757	1438	10
94	674	505	322	338	453	952	21733	34181	1623	17
66	2057	2502	2651	2873	2734	2868	2931	2769	2398	20
81	1758	1388	969	813	292	308	413	945	25679	183
40	1223	1192	1584	1703	1683	1635	1532	1336	1315	11
77	1110	866	748	573	373	290	248	233	361	7
03	12334	21812	1134	1223	1508	1901	1974	1983	1742	16
55	1698	1546	1351	1116	1043	820	600	518	197	2
07	300	722	15626	4054	1	9	14	32	33	
97	183	318	522	656	642	493	402	307	199	1
46	0	1	3	11	3989	4141	5	6	15	
38	43	122	225	363	457	549	547	552	450	3
39	244	186	0	1	1	6	4065	24911	19923	149
25	11569	3218	77	61	2512	2486	2290	196	4988	1
41	1934	1436	12	1465	29148	10955	8616	7503	864	2
05	44	805	1534	1360	174	18193	12855	1795	1934	
12	1597	14925	698	161	2290	2514	2262	2162	113	38
60	727	138	8616	834	78	451	2280	59	618	15
48	2671	7	70	22138	3020	2642	375	3	14771	110
68	3671	32	3862	485	4030	2913	1560	3026	1509	9
60	1341	1975	2021	2756	47	17791	2099	5147	3794	28
36	1674	991	518	337	177	92	126	6473	4582	44
63	1352	537	132	252	4709	3896	4046	1249	525	1
27	219	2505	15	16	16	86	129	227	236	4
50	284	290	243	189	165	79	80	4271	14610	
18	18	65	631	1815	2793	2827	3071	1643	797	4
25	232	199	44	32	2848	12579	3	14	29	2
32	795	1352	1722	3655	2546	1132	570	260	269	35
86	17001	16193	197	496	115	3143	2825	91	200	
27	1994	16042	1204	545	9088	7473	220	579	431	152
85	2203	9		3.0	- 500			2.2		

					4	.*5.	*6			
			ERSEY 19				CITY	_	64094	483
47	40152	15747	15668		360	4054	279	97	70	1
83	46	25	13	16	4	29	50	233	183	
13	178	81	6	1173	45	4	84	97	901	
9	52	98	8	48	4	3	1	12	9	41
41	409	123	154	407	29	30	10	8	7	
22	53	260	194	11	179	83	2	1195	34	
3	94	24	578	4	22	56	14	104	6	
1	8	8	9	19953	768	1898	2467	7040	2997	23
92	855	965	571	83	23582	950	1868	2658	8444	39
65	3627	823	692	555	84	29913	1660	1693	2102	23
15	2190	2358	2340	2436	2565	2469	2317	1757	1438	10
94	674	505	322	338	453	952	21733	34181	1623	17
66	2057	2502	2651	2873	2734	2868	2931	2769	2398	20
81	1758	1388	969	813	292	308	413	945	25679	183
40	1223	1192	1584	1703	1683	1635	1532	1336	1315	11
77	1110	866	748	573	373	290	248	233	361	7
03	12334	21812	1134	1223	1508	1901	1974	1983	1742	16
55	1698	1546	1351	1116	1043	820	600	518	197	2
07	300	722	15626	4054	1	9	14	32	33	
97	183	318	522	656	642	493	402	307	199	1
46	0	1	3	11	3989	4141	5	6	15	
38	43	122	225	363	457	549	547	552	450	3
39	244	186	0	1	1	6	4065	24911	19923	149
25	11569	3218	77	61	2512	2486	2290	196	4988	1
41	1934	1436	12	1465	29148	10955	8616	7503	864	2
05	44	805	1534	1360	174	18193	12855	1795	1934	
12	1597	14925	698	161	2290	2514	2262	2162	113	38
60	727	138	8616	834	78	451	2280	59	618	15
48	2671	7	70	22138	3020	2642	375	3	14771	110
68	3671	32	3862	485	4030	2913	1560	3026	1509	9
60	1341	1975	2021	2756	47	17791	2099	5147	3794	28
36	1674	991	518	337	177	92	126	6473	4582	44
63	1352	537	132	252	4709	3896	4046	1249	525	1
27	219	2505	15	16	16	86	129	227	236	4
50	284	290	243	189	165	79	80	4271	14610	
18	18	65	631	1815	2793	2827	3071	1643	797	4
25	232	199	44	32	2848	12579	3	14	29	2
32	795	1352	1722	3655	2546	1132	570	260	269	35
86	17001	16193	197	496	115	3143	2825	91	200	
27	1994	16042	1204	545	9088	7473	220	579	431	152
85	2203	9								-
•										

	. *	1	*	2	*	3	*	4	*	5	*	6	*	7	*8
(	00010	1	989	989	896	0	0	273	362	50	7	2	1	4	1
1	0	1	0	3	0	4	1	0	1	0	0	7	0	0	0
1	13	0	1	1	0	1	0	0	0	0	0	43	12	3	1
5	1	2	0	0	0	0	3	3	2	1	2	0	0	3	0
0	0	0	2	0	0	0	0	3	0	0	0	0	0	298	5
17	22	121	73	36	8	8	8	87	277	6	9	26	117	70	41
4	2	2	86	513	43	39	39	41	53	34	45	43	39	40	42
17	15	11	8	4	5	7	9	18	339	476	39	45	38	39	38
46	38	29	36	36	29	21	10	12	11	9	7	8	10	14	310
463	43	39	39	41	52	33	41	35	34	28	35	13	12	9	5
4	5	7	9	18	289	433	39	45	38	39	38	42	35	23	32
30	25	19	7	8	8	5	7	8	10	14	267	50	0	0	0
0	1	1	4	8	5	12	7	4	3	2	3	0	0	0	0
0	50	43	0	0	0	0	0	4	3	6	4	6	4	2	3
4	3	4	0	0	0	0	43	401	327	265	200	64	0	1	34
28	25	3	74	12	39	6	0	17	364	60	43	41	0	1	1
10	7	5	2	304	250	28	10	0	16	265	10	4	32	50	64
51	0	37	11	6	43	3	0	1	15	0	4	1	18	0	1
373	99	99	0	0	174	174	0	0	35	65	156	21	52	46	12
68	7	11	0	0	0	273	15	68	65	54	42	10	6	5	4
2	2	108	83	60	15	4	1	2	56	56	46	11	3	0	2
97	0	2	0	4	8	8	18	40	13	1	1	0	2	0	0
0	173	0	0	0	27	20	32	81	12	1	0	0	0	0	0
0	2496	169	0	0	0	10	24	23	32	76	4	0	0	0	0 2
880	355	337	16	1	1	7	6	0	0	1	11	261	5	7	167
100	2	3	1	268	4	0									

	. *	1	. *	. 2	. *	.3	*	4	. *	.5	*	6	*	7	*	8
(	00020	2	2632	2575	2197	57	56	737	357	192	5	5	5	7	1	
5	0	2	1	1	4	13	12	2	11	9	0	58	2	0	8	
0	25	0	5	7	0	4	0	0	0	0	0	186	10	6	11	
6	2	3	0	0	1	0	5	12	11	0	7	3	0	75	3	
0	6	0	18	0	2	1	0	3	0	0	0	1	0	784	16	
18	45	229	116	167	64	106	23	109	1034	34	24	42	309	157	313	
63	71	21	109	1170	68	65	87	90	76	82	88	99	109	104	88	
66	57	40	24	27	11	14	24	45	847	1462	57	75	77	107	112	
103	116	141	128	117	102	103	90	59	36	39	9	8	18	44	1120	
962	68	65	87	90	74	78	77	82	78	74	58	45	36	23	10	
17	11	14	24	45	639	1235	57	75	77	102	106	91	105	118	110	
82	80	72	65	40	26	29	9	8	18	44	899	192	0	0	0	
0	2	1	6	15	29	29	28	20	21	17	14	10	0	0	0	
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700	614	0	9	8	71	144	118	143	97	16	8	0	0	0	0	
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918	644	615	12	17	0	397	373	4	20	0	159	799	178	69	149	
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(	00200	20	3958	3957	3469	1	0	1184	334	233	30	11	10	15	12	
3	2	1	1	2	1	12	9	1	10	4	0	59	0	0	2	
3	26	0	5	5	0	5	2	0	0	1	1	255	44	18	18	
31	8	5	0	0	1	2	3	13	5	0	9	5	0	59	0	
0	3	0	11	0	1	6	0	7	2	0	0	1	3	1157	10	
80	150	464	207	151	60	29	6	84	1335	23	78	155	513	266	240	
31	20	9	86	1870	137	120	165	145	146	159	179	156	133	129	122	
86	70	56	36	31	31	26	38	60	1280	2088	139	126	165	167	156	
204	187	175	144	146	119	110	94	67	58	31	24	28	22	73	1463	1
637	137	119	165	143	144	156	157	139	103	94	86	64	49	37	22	
22	31	26	38	60	1050	1832	139	126	165	164	152	198	171	154	122	
107	85	81	59	46	42	21	24	28	22	72	1211	233	0	1	0	
2	2	3	22	17	30	35	36	22	21	19	14	9	0	0	0	
0	230	255	0	0	0	3	4	6	16	21	22	39	34	29	34	
21	16	10	0	0	0	1	251	1486	1223	966	773	181	11	1	128	
129	113	16	263	2	92	40	0	129	1680	503	373	330	29	11	3	
44	86	77	9	1177	956	83	60	0	78	966	30	12	135	197	176	
222	1	155	37	1	373	31	5	22	169	2	20	18	103	0	3 :	1
545	220	220	0	0	964	964	0	0	340	21	126	105	414	286	90	
64	90	177	97	96	0	1184	109	346	291	193	115	71	31	17	6	
2	3	487	332	259	79	17	3	7	347	282	239	71	17	3	5	
189	1	1	8	15	20	31	25	52	21	5	7	1	2	0	0 :	2
870	958	0	0	5	17	109	215	228	231	106	34	6	4	1	2	
0	2742	857	0	2	1	7	26	79	124	308	231	47	27	2	3 :	3
565	1323	1274	12	33	4	74	67	0	7	0	148	1136	32	16	622	
433	36	27	66	1145	34	0										

	. *	1	. *	. 2	. *	.3	*	4	. *	.5	*	6	*	7	*	8
(	00210	21	2485	2485	2242	0	0	710	350	111	13	9	2	7	10	
4	2	1	0	0	1	12	6	1	4	3	0	13	1	1	2	
1	12	0	1	1	0	3	0	0	0	1	0	132	27	8	6	
15	6	1	1	0	0	0	2	19	7	1	2	2	0	14	4	
0	2	0	6	0	0	1	1	7	0	0	0	0	0	711	14	
42	97	315	150	66	17	8	2	83	788	17	47	104	319	168	108	
10	5	10	84	1210	99	91	108	107	94	106	99	76	82	81	89	
69	50	34	13	12	15	17	18	47	793	1275	103	88	91	102	103	
118	96	79	92	98	89	59	51	43	29	34	10	16	21	40	869	1
099	99	91	108	105	92	103	92	66	69	60	69	49	42	29	13	
12	15	17	18	46	685	1143	103	88	90	99	102	110	83	71	78	
81	71	46	40	33	24	24	10	16	21	40	742	111	0	0	0	
2	2	3	7	10	13	21	20	20	8	5	0	0	0	0	0	
1	108	132	0	0	1	3	1	8	13	8	14	17	18	13	11	
10	5	10	0	0	0	0	127	930	766	515	458	55	1	1	132	
119	116	3	164	6	86	57	0	15	1014	291	196	185	5	4	2	
37	58	57	1	723	575	66	68	0	14	515	14	3	57	74	124	
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871	159	159	0	0	551	551	0	0	142	19	148	267	82	134	51	
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0	2151	522	1	0	1	20	39	105	118	178	49	7	2	2	0	2
853	664	612	39	12	1	43	40	1	2	0	164	657	41	12	265	
409	1	22	13	621	83	0										

*	1	L*	2	2	٠3	*	• 4	4 3	٠5	,	٠6	*	7	7*	8
00	220	22	16	8	7	8	8	11	-1	1	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	1
0	6	3	0	1	0	0	0	0	4	0	0	2	0	0	1
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2	3	1	1	0	0	0	0	0	11	4	0	0	0	0	0
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0	0	0	0	1	1	0	0	0	0	0	2	1	0	0	0
0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
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0	0	0	0	0	0	11	6	5	0	0	0	0	0	0	0
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0	0	7	0	7	0	0	0	0	0	0	0	0	0	0	0
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1	0	9	0	1	10	0									

	* 1	*	2	*	3	*	4	*	5	*	6	*	7	*	8
0.0	0230	23	7	7	7	0	0	4	-1	0	0	0	0	0	0
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0	0	2	0	0	0	1	1	0	0	0	0	0	0	0	0
0	0	0	0	0	0	5	0	0	0	5	3	2	2	0	0
0	0	4	0	0	4	0									