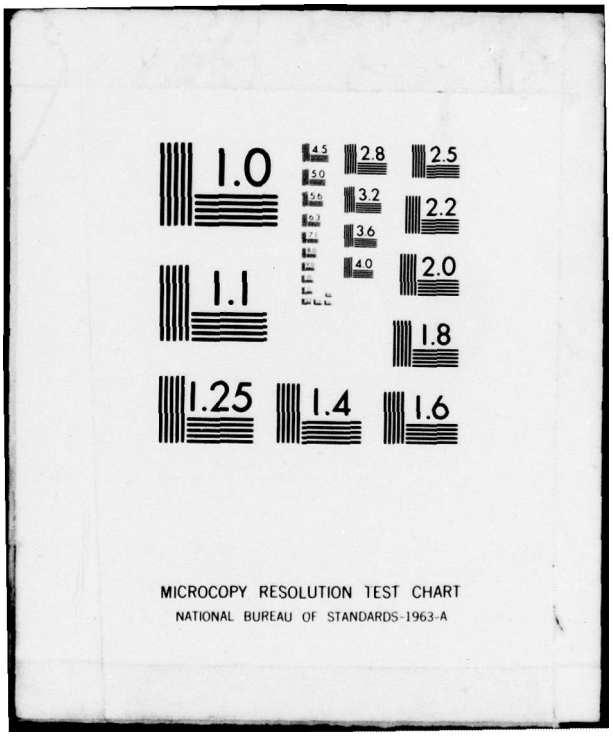
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THE QUALIFIED MILITARY AVAILABLE PROJECTION SYSTEM. VOLUME II. --ETC(U)
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The Qualified Military Available Projection System

VOLUME II • FLOWCHARTS AND PROGRAM DOCUMENTATION

(9) Final Rept. 1977-1978,

By:

(10) Daniel F. Huck, Project Director
Alison Crews
Geraldine P. Sica

This document has been approved for public release and sale; its distribution is unlimited.

Submitted to:

The Assistant Secretary of Defense
(Manpower, Reserve Affairs & Logistics)
The Pentagon
Washington, D. C. 20301

(12) 236

(11) September 1978

(15) MDA903-75-C-0204

[redacted]

GENERAL RESEARCH CORPORATION
7655 Old Springhouse Road, McLean, Virginia 22101

[redacted]

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GENERAL RESEARCH CORPORATION
WESTGATE RESEARCH PARK, McLEAN, VIRGINIA 22101

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number)
Volume I details the methodology used to estimate and project Qualified Military Available (QMA) populations by race, sex, education, mental group, and geographical boundaries. The QMA is the population of 17-21-year-old persons who have no prior military service and who are physically and mentally qualified for such service. Volume II contains detailed program and file documentation.

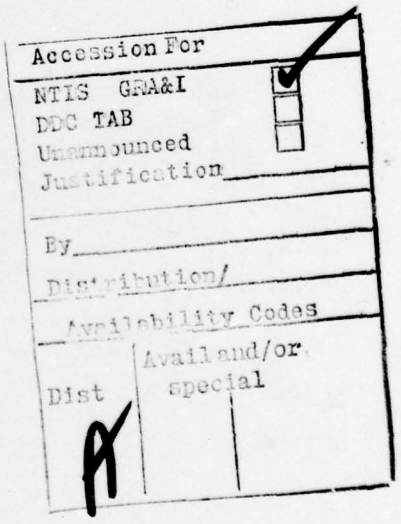
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CONTENTS

Chapter		Page
1	INTRODUCTION	1-1
	Idiosyncrasies in the Data Designation	1-1
	Flowcharting	1-2
2	PROGRAM DOCUMENTATION	2-1



Chapter 1
INTRODUCTION

Production of a Qualified Military Available (QMA) file to define potential enlistees for military service is a lengthy procedure. The system, developed by General Research Corporation (GRC), employs data from many diverse sources. Its modular concept allows flexibility and adaptability as new or improved data become available. All of this has resulted in a series of approximately 35 programs, most of which execute in less than 100K central memory and less than 2 minutes CPU. Some programs are executed many times; e.g., to develop growth rates for 1986, it is necessary to execute the program for annual growth rates 16 times. The system runs on the IBM 370/155 computer.

Volume I of this report contains an overview and the detailed methodology for the QMA Projection System.

IDIOSYNCRASIES IN DATA DESIGNATION

Many improvements have been made in the QMA system, resulting in strange "carry-overs" which appear in the flowcharts or listed JCL. An attempt will be made to list these.

SBTA - Use file with DSN=COUNTY.INFO.FILE, the first 120 characters of which are identical to the SBTA; the next 20 characters contain the county name. The record and block size may have to be changed in the JCL, as well as record length in programs.

FNM75.MASTER - Use file with DSN=UGA.DATA. The files are identical. The new DSN was used to better describe the data itself.

MFWBO - The narrative text in Volume I uses this acronym to define the multi-purpose county information file. MFWBO is a combination of the COUNTY.INFO.FILE and data extracted from UGA.DATA. The DSN for MFWBO is COMPUT.CTY.POP.MFWBO.YR70.TRY1

FLOWCHARTING

The following conventions for flowcharting were followed:



Input files designated with this connector (D0 on top) are basic data files that were delivered to MARDAC on magnetic tape. The numeric in the bottom part is an identifier.



Input files designated with this connector (D1 on top) are data files which were extracted from original data by GRC. These extractions are the most elementary form of this type of data delivered on magnetic tape to MARDAC. Programs to produce the extractions from original data are included in this system delivered to MARDAC. The numeric in the bottom part is an identifier.

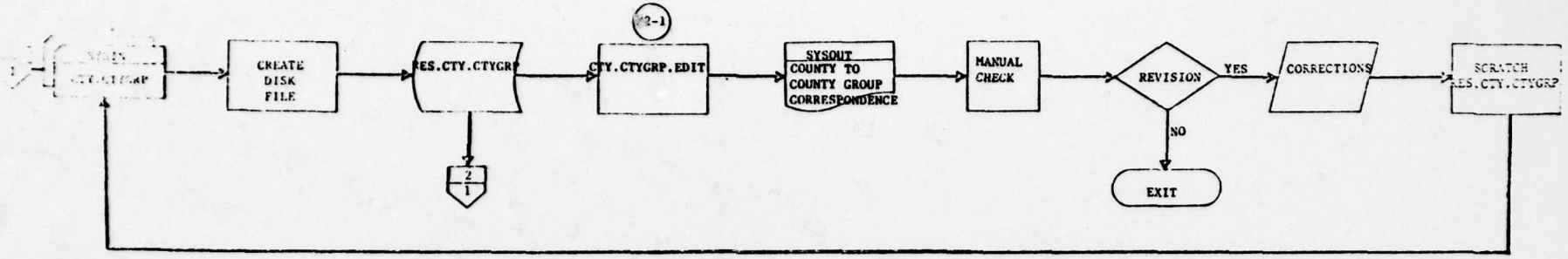


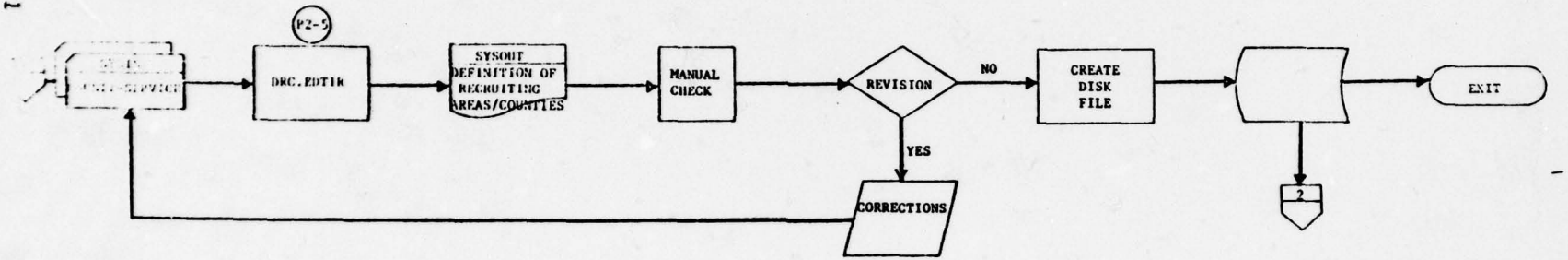
Input/output files designated with a connector containing a numeric in its upper part are files created during the QMA development procedure. The numeric in the top refers to the chapter in Volume I of the document in which the phase creating this file is discussed. The numeric in the bottom is an identifier.



This sort of identifier designates programs in the QMA system delivered on magnetic tape to MARDAC. The letter "p" is a program identifier; the numeric immediately following "p" refers to the chapter in Volume I where this particular phase of development is discussed. The numeric following the dash is an identifier. An attempt has been made to follow a sequential order, i.e., no program will have an identifier larger than that of any program it must precede.

Chapter 2
PROGRAM DOCUMENTATION





DISK OUTPUT

- 2/2 RES.AIRF.CTY
- 2/3 RES.NAVY.CTY
- 2/4 RES.MARI.CTY
- 2/5 RES.ARMY.CTY
- 2/6 RES.STATE.CTT

Program name: CTY.CTYGRP.EDIT	Program ID: P2-1

Purpose:

This program edits the county-county group correspondence for duplicate county codes, mispunched county codes (FIPS codes), and mispunched state codes. Any errors will be reported on an error file on SYSOUT.

Author: Unknown

Computer/OS: IBM 370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 100K

CPU Time: 30 SECONDS

Print Lines: 2000

Tape Drives: 0

Disk Drives: 1

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External
INITCP/CPOP/PRTCP(SOURCE)	LISTI
RDCNTY(SOURCE)	BNSCHI

Input Files:

FT10F001 RES.CTY.CTYGRP

Output Files:

SYSOUT - The print file will contain any error message generated during the run. In addition, it contains a file of summary information, e.g., number of counties, number of states, etc.

FILE DOCUMENTATION

PROGRAM: P2-1 CTY.CTYGRP.EDIT

FILE: FT10F001 LRECL: 80

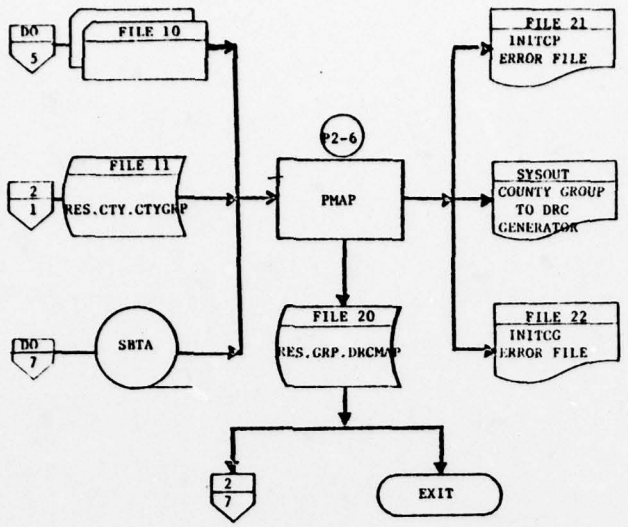
IO TYPE: INPUT BLKSIZE: 7200

FILE TYPE: EBCDIC RECFM: FB

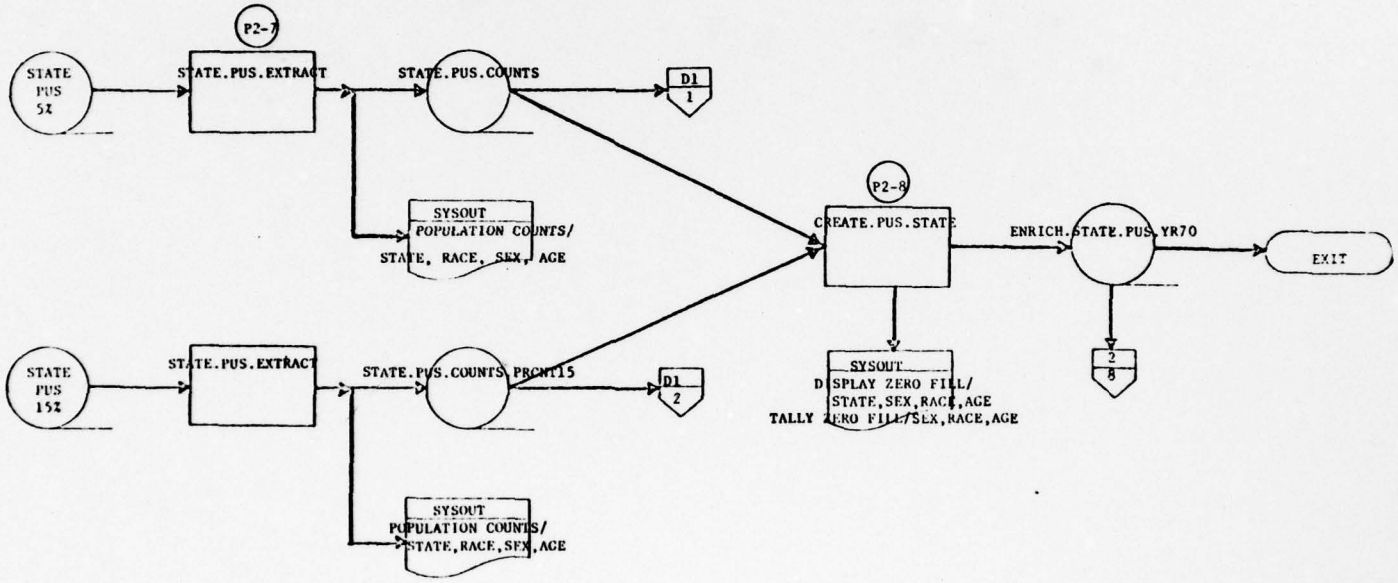
DSN: RES.CTY.CTYGRP

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-70	5(3X,I5,1X,I5)	COUNTY-COUNTY GROUP MAPPINGS (MAXIMUM OF 5 PER CARD)
e.g.		
1-3		FILLER
4-8		COUNTY CODE
9		FILLER
10-14		COUNTY GROUP CODE

COUNTYGRP-DRC DIRECTORY



STATE PUS



Program name: PMAP	Program ID: P2-6

Purpose: This program generates a mapping of county groups onto DRCs. The program produces a tape and a print of this mapping. For each DRC, all the associated county groups and the proportion of each county group that lies within the DRC are included.

Author: Alison Crews

Computer/OS: IBM 370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 150K

Tape Drives: 1

CPU Time: 1 MIN

Disk Drives: 1

Print Lines: 1500

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)			External	
DISKIT(S)	UPAG(S)	RESET(S)	ASTSI	LISTI
REDO(S)	RDDRC(S)	ZROFIL(S)	FREAD	BNSCHI
INITCP/CPOP/PRTCNT(O)RDCCG(S)			MVECR	SORTIX
INITCG/CPOCG/PRTCGP(O)				

Input Files:

FT09F001	COUNTY.INFO.FILE[1/]	
FT11F001	RES.CTY.CTYGRP	
FT10F001	CARD INPUT	ARMY DIRECTORY[2/]

Output Files:

FT20F001	RES.GRP.DRCMAP
FT21F001	ERROR FILE FOR INITCP
FT22F001	ERROR FILE FOR INITCG
SYSOUT	THIS FILE CONTAINS THE MAPPING INFORMATION FOR EACH DRC

COMMENTS: 1/ The present JCL calls for the SBTA file - use the COUNTY.INFO.FILE instead. This file contains the SBTA data as the first 120 characters.

2/ This is RES.ARMY.CTY
The DRC code is 2 characters. To use this program for other services, this field and all associated input and output must be expanded to a field of 3 characters.

FILE DOCUMENTATION

PROGRAM: P2-6 PMAP

FILE: FT09F001 LRECL: 140

IO TYPE: INPUT BLKSIZE: 7000

FILE TYPE: EBCDIC RECFM: FB

DSN: COUNTY.INFO.FILE

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	2X	FILLER
3-4	I2	FIPS STATE CODE
5-21	17A1	STATE NAME
22-23	A2	STATE ABBREVIATION
24-27	4X	FILLER
28-30	I3	COUNTY FIPS CODE
31-62	32A1	BASIC TRADING AREA (BTA) NAME
63-66	I4	BTA CODE
67-70	A4	TRADING AREA (TA) ABBREVIATION
71-72	2X	FILLER
73-75	I3	MAJOR TRADING AREA (MTA) CODE
76-85	I10	POPULATION COUNTS (TOTAL)
86-87	2X	FILLER
88-94	I7	POPULATION COUNTS (BLACK)
95-103	I8	LAND AREA
104-112	I9	QMA POPULATION
113-120	F8.2	POPULATION DENSITY
121-122	2X	FILLER
123-140	18A1	COUNTY NAME

FILE DOCUMENTATION

PROGRAM: P2-6 PMAP

FILE: FT10F001 LRECL: 80

IO TYPE: INPUT BLKSIZE: 80

FILE TYPE: EBCDIC RECFM: FB

DSN:

Column	Format(EBCDIC) Data Type(Binary)	Data Description
FIRST RECORD FOR DRC		
1-2	I2	DRC SEQUENCE NO.
3-5	A3	DRC CODE
6-7	A2	REGION CODE
8	1X	FILLER
9-20	3A4	DRC NAME
21-80	10(1X,I5)	LIST OF FIPS CODES (MAXIMUM OF 10 PER CARD)
CONTINUATION RECORDS FOR DRC		
1-2	I2	DRC SEQUENCE NO.
3-9	7X	FILLER
10-14	I5	COUNTY FIPS
15	1X	FILLER
16-20	I5	COUNTY FIPS
21-80		SAME AS FIRST CARD

FILE DOCUMENTATION

PROGRAM: P2-6 PMAP

FILE: FT11F001 LRECL: 80

IO TYPE: INPUT BLKSIZE: 7200

FILE TYPE: EBCDIC RECFM: FB

DSN: RES.CTY.CTYGRP

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-70	5(3X,I5,1X,I5)	COUNTY-COUNTY GROUP MAPPINGS (MAXIMUM OF 5 PER CARD)
e.g.		
1-3		FILLER
4-8		COUNTY CODE
9		FILLER
10-14		COUNTY GROUP CODE

FILE DOCUMENTATION

PROGRAM: P2-6 PMAP

FILE: FT20F001

IO TYPE: OUTPUT

FILE TYPE: EBCDIC

DSN: RES.GRP.DRCMAP

LRECL: 80

BLKSIZE: 7200

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	I2	DRC SEQUENCE NO.
3	1X	FILLER
4-5	A2	DRC CODE
6-8	3X	FILLER
9-20	3A4	DRC NAME
21-22	2X	FILLER
23-27	I5	COUNTY GROUP CODE
28	1X	FILLER
29-35	F7.5	PROPORTION OF CTY GRP IN DRC
36-37	2X	FILLER
38-42	I5	CTY GROUP CODE
43	1X	FILLER
44-50	F7.5	PROPORTION OF CTY GRP IN DRC
51-52	2X	FILLER
53-57	I5	CTY GROUP CODE
58	1X	FILLER
59-65	F7.5	PROPORTION OF CTY GRP IN DRC
66-67	2X	FILLER
68-72	I5	CTY GROUP CODE
73	1X	FILLER
74-80	F7.5	PROPORTION OF CTY GRP IN DRC

Program name: STATE.PUS.EXTRACT	Program ID: P2-7

Purpose: This program extracts population data by state, sex, race and age from state PUS samples. It also prints a report of these population counts. Data from the 5% and the 15% samples are extracted in separate computer runs.

Author: Unknown

Computer/OS: IBM 360-370/Hasp	**Language:** FORTRAN G

Estimated Requirements:

Core: 100 K

Tape Drives: 2

CPU Time: 14 min

Disk Drives: 1

Print Lines: 2500

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)

External

FREAD	IAGE	ISEX
LEAVE	IRACE	ISTATE
FWRITE	IRTYP	

Input Files:

FT10F001	STATE.PUS.EXTRACT FILE (15%)
FT10F001	STATE.PUS1970 (5%)

Output Files:

FT20F001	STATE.PUS.COUNTS.PRCNT15 (15%)
FT20F001	STATE.PUS.COUNTS (5%)

Comments: This program is used for calculating state data for both the 15% and 5% samples.

FILE DOCUMENTATION

PROGRAM: P2-7 STATE.PUS.EXTRACT

FILE: FT10F001 LRECL: 120

IO TYPE: INPUT BLKSIZE: 27000

FILE TYPE: BINARY RECFM: FB

DSN: PUS70101....PUS70120 (15% Sample)
STATE.PUS1970 (5% Sample)

Column	Format(EBCDIC) Data Type(Binary)	Data Description
RECORD TYPE 1: HOUSING RECORD		
1 - 6	INTEGER	FILLER
7 - 8	INTEGER	FIPS STATE CODE
9 - 120	INTEGER	FILLER
RECORD TYPE 3: PERSON RECORD		
1 - 5	INTEGER	FILLER
6		SEX (0=MALE, 1=FEMALE)
7		RACE (0=WHITE, 1=BLACK, 2-9=OTHER)
8		FILLER
9 - 11		AGE
12		QUARTER OF BIRTH (0 = FIRST QUARTER, 1 = SECOND QUARTER, 2 = THIRD QUARTER, 3 = FOURTH QUARTER)
13 - 120	INTEGER	FILLER

FILE DOCUMENTATION

PROGRAM: P2-7 STATE.PUS.EXTRACT

FILE: FT20F001 LRECL: 112

IO TYPE: OUTPUT BLKSIZE: 4480

FILE TYPE: BINARY RECFM: FB

DSN: STATE.PUS.COUNTS.PRCNT15 (15% sample)

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	INTEGER	FIPS STATE CODE
5 - 8		SEX CODE (1=MALE,2=FEMALE)
9 - 12		RACE CODE (1=WHITE,2=BLACK,3=OTHER)
13 - 16		POPULATION COUNT FOR LT 1 YR OLD
17 - 20		FOR 1
21 - 24		2
25 - 28		3
29 - 32		4
33 - 36		5
37 - 40		6
41 - 44		7
45 - 48		8
49 - 52		9
53 - 56		10
57 - 60		11
61 - 64		12
65 - 68		13
69 - 72		14
73 - 76		15
77 - 80		16
81 - 84		17
85 - 88		18
89 - 92		19
93 - 96		20
97 - 100		21
101 - 104		22
105 - 108		23
109 - 112		24

FILE DOCUMENTATION

PROGRAM: P2-7 STATE.PUS.EXTRACT

FILE: FT20F001 **LRECL:** 112

IO TYPE: OUTPUT **BLKSIZE:** 4480

FILE TYPE: BINARY **RECFM:** FB

DSN: STATE.PUS.COUNTS (5% sample)

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	INTEGER	FIPS STATE CODE
5 - 8		SEX CODE (1=MALE,2=FEMALE)
9 - 12		RACE CODE (1=WHITE,2=BLACK,3=OTHER)
13 - 16		POPULATION COUNT FOR LT 1 YR OLD
17 - 20		FOR 1
21 - 24		2
25 - 28		3
29 - 32		4
33 - 36		5
37 - 40		6
41 - 44		7
45 - 48		8
49 - 52		9
53 - 56		10
57 - 60		11
61 - 64		12
65 - 68		13
69 - 72		14
73 - 76		15
77 - 80		16
81 - 84		17
85 - 88		18
89 - 92		19
93 - 96		20
97 - 100		21
101 - 104		22
105 - 108		23
109 - 112		24

Program name: CREATE.PUS.STATE	Program ID: P2-8

Purpose:

This program merges the 5% and 15% sample PUS data for each state by age, sex and race.

Author: Alison Crews

Computer/OS: IBM 360-370/Hasp	**Language:** FORTRAN G

Estimated Requirements:

Core: 100 K

Tape Drives: 3

CPU Time: 10 sec

Disk Drives: 1

Print Lines: 1200

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External
	FREAD
	LEAVE
	FWRITE

Input Files:

FT10F001	STATE.PUS.COUNTS (5%)
FT11F001	STATE.PUS.COUNTS.PRCNT15.SORTD (15%)

Output Files:

FT20F001	ENRICH.STATE.PUS.YR70

FILE DOCUMENTATION

PROGRAM: P2-8 CREATE.PUS.STATE

FILE: FT11F001 **LRECL:** 112

IO TYPE: INPUT **BLKSIZE:** 4480

FILE TYPE: BINARY **RECFM:** FB

DSN: STATE.PUS.COUNTS.PRCNT15.SORTD

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	INTEGER	FIPS STATE CODE
5 - 8		SEX CODE(1=MALE,2=FEMALE)
9 - 12		RACE CODE(1=WHITE,2=BLACK,3=OTHER)
13 - 16		POPULATION COUNT FOR LT 1 YR OLD
17 - 20		FOR 1 YR OLD
21 - 24		2
25 - 28		3
29 - 32		4
33 - 36		5
37 - 40		6
41 - 44		7
45 - 48		8
49 - 52		9
53 - 56		10
57 - 60		11
61 - 64		12
65 - 68		13
69 - 72		14
73 - 76		15
77 - 80		16
81 - 84		17
85 - 88		18
89 - 92		19
93 - 96		20
97 - 100		21
101 - 104		22
105 - 108		23
109 - 112		24

FILE DOCUMENTATION

PROGRAM: P2-8 CREATE.PUS.STATE

FILE: FT10F001 LRECL: 112

IO TYPE: INPUT BLKSIZE: 4480

FILE TYPE: BINARY RECFM: FB

DSN: STATE.PUS.COUNTS

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	INTEGER	FIPS STATE CODE
5 - 8		SEX CODE(1=MALE,2=FEMALE)
9 - 12		RACE CODE(1=WHITE,2=BLACK,3=OTHER)
13 - 16		POPULATION COUNT FOR LT 1 YR OLD
17 - 20		FOR 1 YR OLD
21 - 24		2
25 - 28		3
29 - 32		4
33 - 36		5
37 - 40		6
41 - 44		7
45 - 48		8
49 - 52		9
53 - 56		10
57 - 60		11
61 - 64		12
65 - 68		13
69 - 72		14
73 - 76		15
77 - 80		16
81 - 84		17
85 - 88		18
89 - 92		19
93 - 96		20
97 - 100		21
101 - 104		22
105 - 108		23
109 - 112		24

FILE DOCUMENTATION

PROGRAM: P2-8 CREATE.PUS.STATE

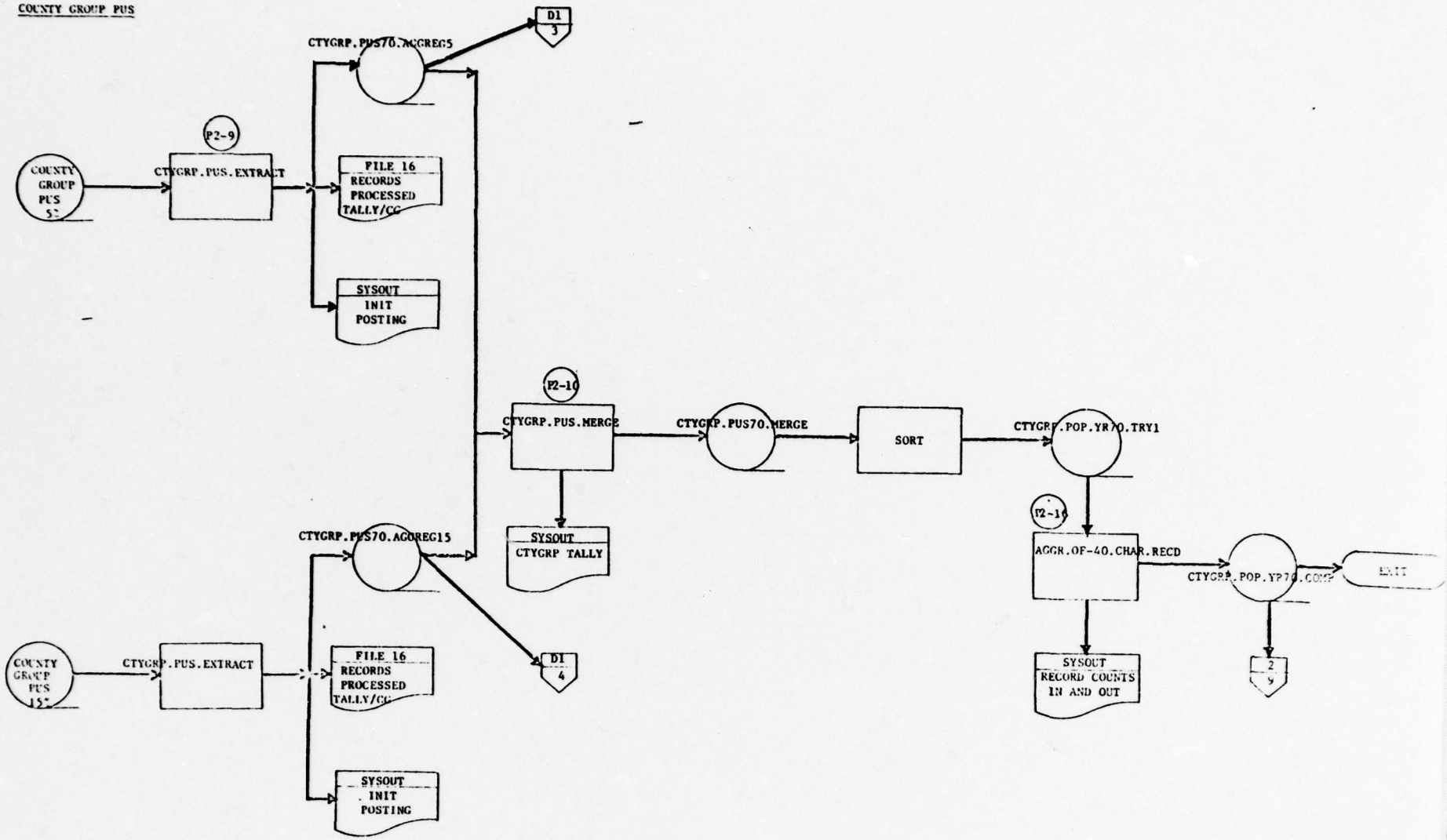
FILE: FT20F001 LRECL: 112

IO TYPE: OUTPUT BLKSIZE: 4480

FILE TYPE: BINARY RECFM: FB

DSN: *ENRICH.STATE.PUS.YR70*

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	INTEGER	FIPS STATE CODE
5 - 8		SEX CODE(1=MALE,2=FEMALE)
9 - 12		RACE CODE(1=WHITE,2=BLACK,3=OTHER)
13 - 16		POPULATION COUNT FOR LT 1 YR OLD
17 - 20		FOR 1 YR OLD
21 - 24		2
25 - 28		3
29 - 32		4
33 - 36		5
37 - 40		6
41 - 44		7
45 - 48		8
49 - 52		9
53 - 56		10
57 - 60		11
61 - 64		12
65 - 68		13
69 - 72		14
73 - 76		15
77 - 80		16
81 - 84		17
85 - 88		18
89 - 92		19
93 - 96		20
97 - 100		21
101 - 104		22
105 - 108		23
109 - 112		24


COUNTY GROUP PUS
CTYGRP.PUS70.AGGREG5
D1
3
P2-9
COUNTY GROUP PUS 5%
CTYGRP.PUS.EXTRACT
FILE 16
RECORDS PROCESSED
TALLY/CC
SYSOUT
INIT POSTING
P2-10
CTYGRP.PUS.MERGE
CTYGRP.PUS70.MERGE
SORT
CTYGRP.POP.YR70.TRY1
P2-16
AGGR.OF-40.CHAR.RECD
CTYGRP.POP.YR70.COMP
EXIT
SYSOUT
RECORD COUNTS IN AND OUT
2
9
SYSOUT
CTYGRP TALLY
CTYGRP.PUS70.AGGREG15
D1
4
COUNTY GROUP PUS 15%
CTYGRP.PUS.EXTRACT
FILE 16
RECORDS PROCESSED
TALLY/CC
SYSOUT
INIT POSTING

Program name: CTYGRP.PUS.EXTRACT	Program ID: P2-9

Purpose: This program extracts county group 5% and 15% samples of PUS data and aggregates key data within each region. Extraction of each sample is done in a separate computer run.

Author: Unknown

Computer/OS: IBM 360-370/HASP	**Language:** FORTRAN H

Estimated Requirements:

Core: 200K

Tape Drives: 2

CPU Time: 22 MIN

Disk Drives: 1

Print Lines: 5000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External
INIT/POST/FLUSH/ENDIT/PRTST (SOURCE)	FREAD
WRTOUT/CLSOUT (SOURCE)	FWRITE
	LEAVE

Input Files:

FT10F001	PUS70.EXT501	(5%)
FT10F001	PUS70.EXT201	(15%)

Output Files:

FT20F001	CTYGRP.PUS70.AGGREG5	(5%)
FT20F001	CTYGRP.PUS70.AGGREG15	(15%)
FT16F001	INTERMEDIATE RESULT PRINT FILE	

COMMENTS: This program is used for calculating regional data for both the 5% and 15% samples.

Program deck is set to extract from 5% file. To extract from 15% file, change statement 75 to comment and change preceding comment to an instruction.

FILE DOCUMENTATION

PROGRAM: P2-9 CTYGRP.PUS.EXTRACT

FILE: FT10F001 LRECL: 146

IO TYPE: INPUT BLKSIZE: 4380

FILE TYPE: EBCDIC RECFM: FB

DSN: PUS70.EXT501....PUS70.EXT530
PUS70.EXT201....PUS70.EXT230

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-6	6A1	FILLER
7-11	5A1	COUNTY GROUP CODE (REGION)
12-73	62A1	FILLER
74-75	2A1	INSTITUTIONALIZED CODE (1-8 = YES)
76	A1	SEX 0=MALE 1=FEMALE
77	A1	RACE 0=WHITE 1=NEGRO 2-8=OTHER
78	A1	FILLER
79-81	3A1	AGE 0=UNDER 1 YR 1-99=1-99 100=100 OR OVER
82	A1	QUARTER OF BIRTH 0=FIRST QUARTER 1=SECOND QUARTER 2=THIRD QUARTER 4=FOURTH QUARTER
83-86	4A1	FILLER
87-88	2A1	HIGHEST GRADE COMPLETED
89	A1	IN SCHOOL CODE 0=NOW ATTENDING 1=FINISHED GRADE 2=DID NOT FINISH 3=NA
90-100	11A1	FILLER
101	A1	IN MILITARY CODE (4=YES)
102	A1	FILLER
103	A1	VETERAN CODE (5% SAMPLE ONLY) 0=YES 1=NO 2=NA
104-119	16A1	FILLER
120-122	3A1	INCOME (999 or 998=0)
123-134	12A1	FILLER
135	A1	VETERAN CODE (15% SAMPLE ONLY) 0=YES 1=NO 2=NA
136-146	11A1	FILLER

FILE DOCUMENTATION

PROGRAM: P2-9 CTYGRP.PUS.EXTRACT

FILE: FT20F001 LRECL: 40

IO TYPE: OUTPUT BLKSIZE: 7200

FILE TYPE: BINARY RECFM: FB

DSN: CTYGRP.PUS70.AGGREG5(5%)

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	INTEGER	REGION CODE
3-4		SEX CODE 1=MALE, 2=FEMALE
5-6		RACE CODE 1=WHITE 2=NEGRO 3=OTHER
7-8		AGE CODE (17-24 YRS)
9-10		HIGHEST GRADE COMPLETED
11-12		IN SCHOOL CODE
13-14		INSTITUTIONALIZED CODE 0=NO 1=YES
15-16		IN MILITARY CODE 0=NO 1=YES
17-18		VETERAN CODE
19-20		EMPLOYED/UNEMPLOYED CODE
21-22		SAMPLE (5% or 15%)
23-24		FILLER
25-28		INCOME (# WHO HAD INCOME)
29-32		INCOME (AMOUNT OF INCOME)
33-36	INTEGER	COUNT
37-40	REAL	WEIGHT

FILE DOCUMENTATION

PROGRAM: P2-9 CTYGRP.PUS.EXTRACT

FILE: FT20F001 LRECL: 40

IO TYPE: OUTPUT BLKSIZE: 7200

FILE TYPE: BINARY RECFM: FB

DSN: CTYGRP.PUS70.AGGREG15 (15%)

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	INTEGER	REGION CODE
3-4		SEX CODE 1=MALE, 2=FEMALE
5-6		RACE CODE 1=WHITE 2=NEGRO 3=OTHER
7-8		AGE CODE (17-24 YRS)
9-10		HIGHEST GRADE COMPLETED
11-12		IN SCHOOL CODE
13-14		INSTITUTIONALIZED CODE 0=NO 1=YES
15-16		IN MILITARY CODE 0=NO 1=YES
17-18		VETERAN CODE
19-20		EMPLOYED/UNEMPLOYED CODE
21-22		SAMPLE (5% or 15%)
23-24		FILLER
25-28		INCOME (# WHO HAD INCOME)
29-32		INCOME (AMOUNT OF INCOME)
33-36	INTEGER	COUNT
37-40	REAL	WEIGHT

Program name: CTYGRP.PUS.MERGE	Program ID: P2-10

Purpose:

This program merges the 5% and 15% sample PUS data by county group.

Author: UNKNOWN

Computer/OS: IBM 360-370/Hasp	**Language:** FORTRAN G

Estimated Requirements:

Core: 100 K

CPU Time: 10 min (est)

Print Lines: 1000

Tape Drives: 3

Disk Drives: 1

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External
	FREAD
	LEAVE
	FWRITE

Input Files:

FT10F001	CTYGRP.PUS70.AGGREG15
FT11F001	CTYGRP.PUS70.AGGREG5

Output Files:

FT20F001	CTYGRP.PUS70.MERGE

FILE DOCUMENTATION

PROGRAM: P2-10 CTYGRP.PUS.MERGE

FILE: FT10F001 (15%) LRECL: 40

IO TYPE: INPUT BLKSIZE: 7200

FILE TYPE: BINARY RECFM: FB

DSN: CTYGRP.PUS70.AGGREG15 (15%)

Column	Format (EBCDIC) Data Type (Binary)	Data Description
1 - 2	INTEGER	REGION CODE
3 - 4		SEX CODE
5 - 6		RACE CODE
7 - 8		AGE CODE
9 - 10		HIGHEST GRADE COMPLETED
11 - 12		IN SCHOOL CODE
13 - 14		INSTITUTIONALIZED CODE
15 - 16		IN MILITARY CODE
17 - 18		VETERAN CODE
19 - 20		EMPLOYED/UNEMPLOYED CODE
21 - 22		SAMPLE (5% or 15%)
23 - 24		FILLER
25 - 28		INCOME (# who had income)
29 - 32		INCOME (amount of income)
33 - 36	INTEGER	COUNT
37 - 40	REAL	WEIGHT

FILE DOCUMENTATION

PROGRAM: P2-10 CTYGRP.PUS.MERGE

FILE: FT11F001 (5%) LRECL: 40

IO TYPE: INPUT BLKSIZE: 7200

FILE TYPE: BINARY RECFM: FB

DSN: CTYGRP.PUS70.AGGREG5 (5%)

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 2	INTEGER	REGION CODE
3 - 4		SEX CODE
5 - 6		RACE CODE
7 - 8		AGE CODE
9 - 10		HIGHEST GRADE COMPLETED
11 - 12		IN SCHOOL CODE
13 - 14		INSTITUTIONALIZED CODE
15 - 16		IN MILITARY CODE
17 - 18		VETERAN CODE
19 - 20		EMPLOYED/UNEMPLOYED CODE
21 - 22		SAMPLE (5% or 15%)
23 - 24		FILLER
25 - 28		INCOME (# who had income)
29 - 32		INCOME (amount of income)
33 - 36	INTEGER	COUNT
37 - 40	REAL	WEIGHT

FILE DOCUMENTATION

PROGRAM: P2-10 CTYGRP.PUS.MERGE

FILE: FT20F001 LRECL: 40

IO TYPE: OUTPUT BLKSIZE: 7200

FILE TYPE: BINARY RECFM: FB

DSN: CTYGRP.PUS70.MERGE

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 2	INTEGER	REGION CODE
3 - 4		SEX CODE
5 - 6		RACE CODE
7 - 8		AGE CODE
9 - 10		HIGHEST GRADE COMPLETED
11 - 12		IN SCHOOL CODE
13 - 14		INSTITUTIONALIZED CODE
15 - 16		IN MILITARY CODE
17 - 18		VETERAN CODE
19 - 20		EMPLOYED/UNEMPLOYED CODE
21 - 22		SAMPLE (5% or 15%)
23 - 24		FILLER
25 - 28		INCOME (# who had income)
29 - 32		INCOME (amount of income)
33 - 36	INTEGER	COUNT
37 - 40	REAL	WEIGHT

Program name: AGGR.OP-40.CHAR.RECD	Program ID: P2-16

Purpose:

The purpose of this program is to aggregate the 5% and 15% county group PUS data.

Author: Unknown

Computer/OS: IBM 360-370/ Hasp	**Language:** FORTRAN G

Estimated Requirements:

Core: 100 K

CPU Time: 2 min

Print Lines: 1000

Tape Drives: 2

Disk Drives: 1

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External
	FREAD
	LEAVE
	FWRITE

Input Files:

FT10F001 CTYGRP.POP.YR70.TRY1

Output Files:

FT20F001 CTYGRP.POP.YR70.COMP

FILE DOCUMENTATION

PROGRAM: P2-16 AGGR.OF-40.CHAR.RECD

FILE: FT10F001

IO TYPE: INPUT

FILE TYPE: BINARY

DSN: CTYGRP.POP.YR70.TRY1

LRECL: 40

BLKSIZE: 7200

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 2	INTEGER	REGION CODE
3 - 4		SEX CODE
5 - 6		RACE CODE
7 - 8		AGE CODE
9 - 10		HIGHEST GRADE COMPLETED
11 - 12		IN SCHOOL CODE
13 - 14		INSTITUTIONALIZED CODE
15 - 16		IN MILITARY CODE
17 - 18		VETERAN CODE
19 - 20		EMPLOYED/UNEMPLOYED CODE
21 - 22		SAMPLE (5% or 15%)
23 - 24		FILLER
25 - 28		INCOME (# who had income)
29 - 32		INCOME (amount of income)
33 - 36	INTEGER	COUNT
37 - 40	REAL	WEIGHT

FILE DOCUMENTATION

PROGRAM: P2-16 AGGR.OF-40.CHAR.RECD

FILE: FT20F001

IO TYPE: OUTPUT

FILE TYPE: BINARY

DSN: CTYGRP.POP.YR70.COMP

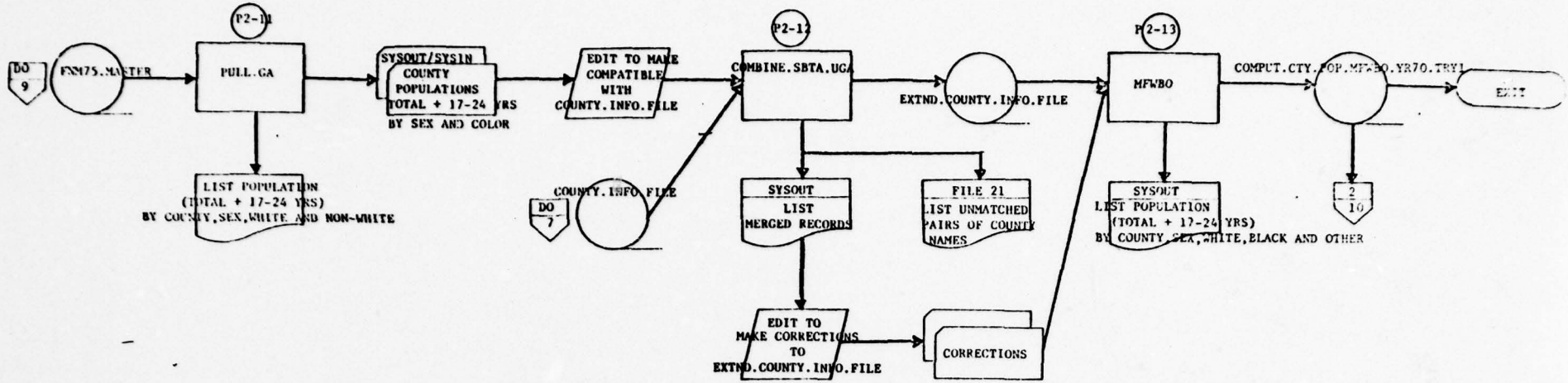
LRECL: 40

BLKSIZE: 7200

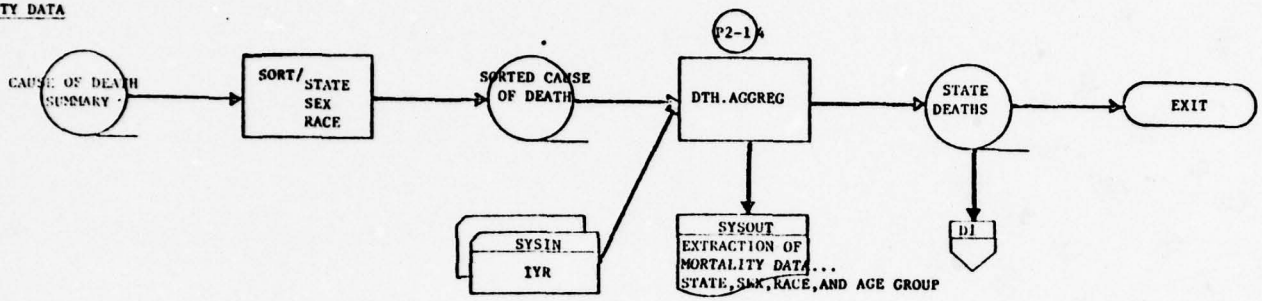
RECFM: FB

Column	Format (EBCDIC) Data Type (Binary)	Data Description
1 - 2	INTEGER	REGION CODE
3 - 4		SEX.CODE
5 - 6		RACE CODE
7 - 8		AGE CODE
9 - 10		HIGHEST GRADE COMPLETED
11 - 12		IN SCHOOL CODE
13 - 14		INSTITUTIONALIZED CODE
15 - 16		IN MILITARY CODE
17 - 18		VETERAN CODE
19 - 20		EMPLOYED/UNEMPLOYED CODE
21 - 22		SAMPLE (5% or 15%)
23 - 24		FILLER
25 - 28		INCOME (# who had income)
29 - 32		INCOME (amount of income)
33 - 36	INTEGER	COUNT
37 - 40	REAL	WEIGHT

DEVELOPMENT OF MFWBO FILE



EXTRACTION OF MORTALITY DATA



IYR	OUTPUT TAPES	
1970	D1 5	STATE.DEATHS.YR1970
1972	D1 6	STATE.DEATHS.YR1972
1974	D1 7	STATE.DEATHS.YR1974

Program name: PULL.GA | Program ID: P2-11

Purpose: The purpose of this program is to list and punch cards containing population data from the UGA file for the total and 17-24 yr. olds by county, white and non-white, and sex.

Author: Alison Crews

Computer/OS: IBM 360-370/HASP | Language: FORTRAN G

Estimated Requirements:

Core: 100K | Tape Drives: 1

CPU Time: 1 MIN | Disk Drives: 1

Print Lines: 3150

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External
	FREAD
	ASTSI

Input Files:

FT10F001 FNM75.MASTER

Output Files:

FT07F001 COUNTY AND STATE POPULATION FOR TOTAL AND 17-24 YR. OLDS, WHITE AND NON-WHITES BY SEX (PUNCHED CARDS)

FT21F001 POPULATION REPORT FOR TOTAL AND 17-24 YR. OLDS BY COUNTY, WHITE AND NON-WHITE, AND SEX.

COMMENT: FNM75.MASTER is same file as UGA.DATA

FILE DOCUMENTATION

PROGRAM: P2-11 PULL.GA

FILE: FT10F001 LRECL: 7604

IO TYPE: INPUT BLKSIZE: 7604

FILE TYPE: EBCDIC RECFM: FB

DSN: FNM75.MASTER

Column	Format (EBCDIC) Data Type (Binary)	Data Description
1 - 1	ALPHA	UGA LEVEL NUMBER 1 = STATE OR COUNTY 2 = DIVISION 3 = REGION 4 = UNITED STATES
2 - 3		UGA LEVEL CODE
4 - 6		UGA COUNTY NUMBER
7 - 26		FILLER
27 - 36		COUNTY NAME
37 - 1889	ALPHA	FILLER
1890 - 1898		TOTAL POPULATION-WHITE-MALES
1899 - 1907		TOTAL POPULATION-WHITE-FEMALES
1908 - 1916		FILLER
1917 - 1925		TOTAL POPULATION-NON-WHITE MALES
1926 - 1934		TOTAL POPULATION-NON-WHITE FEMALES
1935 - 2213		FILLER
2214 - 2222		POPULATION, 15-19 YRS-WHITE MALES
2223 - 2231		POPULATION, 15-19 YRS-WHITE FEMALES
2232 - 2240		FILLER
2241 - 2249		POPULATION, 15-19 YRS-NON-WHITE MALES
2250 - 2258		POPULATION, 15-19 YRS-NON-WHITE FEMALES
2259 - 2294		FILLER
2295 - 2303		POPULATION, 20-24 YRS-WHITE MALES
2304 - 2312		POPULATION, 20-24 YRS-WHITE FEMALES
2313 - 2321		FILLER
2322 - 2330		POPULATION, 20-24 YRS-NON-WHITE MALES
2331 - 2339		POPULATION, 20-24 YRS-NON-WHITE FEMALES
2340 - 7604	ALPHA	FILLER

FILE DOCUMENTATION

PROGRAM: P2-11 PULL.GA

FILE: FT07F001 LRECL: 80

IO TYPE: OUTPUT BLKSIZE: 80

FILE TYPE: BCD RECFM: FB

DSN:

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 1	ALPHA	UGA LEVEL NUMBER
2 - 3		UGA LEVEL ID NUMBER
4 - 6		UGA COUNTY NUMBER
7 - 16	ALPHA	COUNTY NAME
17 - 24	INTEGER	TOTAL POPULATION-WHITE MALES
25 - 32		TOTAL POPULATION-NON-WHITE MALES
33 - 40		TOTAL POPULATION-WHITE FEMALES
41 - 48		TOTAL POPULATION-NON-WHITE FEMALES
49 - 56		POPULATION, AGES 17-24 WHITE MALES
57 - 64		POPULATION, AGES 17-24 NON-WHITE MALES
65 - 72		POPULATION, AGES 17-24 WHITE FEMALES
73 - 80	INTEGER	POPULATION, AGES 17-24 NON-WHITE FEMALES

Program name: COMBINE.SBTA.UCA	Program ID: P2-12

Purpose:

The purpose of this program is to merge UCA and SBTA (COUNTY.INFO) data. The match is attempted through the 10 characters of the county name.

Author: Alison Crews

Computer/OS: IBM 360-370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 100 K

Tape Drives: 2

CPU Time: 2 MIN

Disk Drives: 0

Print Lines: 6250

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)

External

Input Files:

FT05F001	COUNTY AND STATE POPULATION FOR TOTAL AND 17-24 YEAR OLDS, WHITE AND NON-WHITE, BY SEX (PUNCHED CARDS)
FT10F001	COUNTY.INFO.FILE

Output Files:

FT06F001	LIST MERGED COUNTY NAME AND COUNTY/STATE POPULATION REPORT
FT20F001	EXTND.COUNTY.INFO.FILE
FT21F001	UNMATCHED PAIRS OF COUNTY NAMES REPORT
COMMENT:	SBTA and COUNTY.INFO FILES ARE IDENTICAL CC1-120. COUNTY.INFO.FILE HAS COUNTY NAME APPENDED CC121-140 and HAS BEEN REFERRED TO BY OLDER AND SHORTER FILE DESIGNATION (SBTA).

FILE DOCUMENTATION

PROGRAM: P2-12 COMBINE.SBTA.UGA

FILE: FT05F001 LRECL: 80

IO TYPE: INPUT BLKSIZE: 80

FILE TYPE: BCD RECFM: FB

DSN:

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 1	ALPHA	UGA LEVEL NUMBER
2 - 3		UGA LEVEL ID NUMBER
4 - 6		UGA COUNTY NUMBER
7 - 16	ALPHA	COUNTY NAME
17 - 24	INTEGER	TOTAL POPULATION-WHITE MALES
25 - 32		TOTAL POPULATION-NON-WHITE MALES
33 - 40		TOTAL POPULATION-WHITE FEMALES
41 - 48		TOTAL POPULATION-NON-WHITE FEMALES
49 - 56		POPULATION,AGES 17-24 WHITE MALES
57 - 64		POPULATION,AGES 17-24 NON-WHITE MALES
65 - 72		POPULATION,AGES 17-24 WHITE FEMALES
73 - 80	INTEGER	POPULATION,AGES 17-24 NON-WHITE FEMALES

FILE DOCUMENTATION

PROGRAM: P2-12 COMBINE.SBTA.UGA

FILE: FT10F001 LRECL: 140

IO TYPE: INPUT BLKSIZE: 7000

FILE TYPE: EBCDIC RECFM: FB

DSN: COUNTY.INFO.FILE

Column	Format (EBCDIC) Data Type (Binary)	Data Description
1 - 2	2X	FILLER
3 - 4	I2	FIPS STATE CODE
5 - 21	17A1	STATE NAME
22 - 23	A2	STATE ABBREVIATION
24 - 27	4X	FILLER
28 - 30	I3	COUNTY FIPS CODE
31 - 62	32A1	BASIC TRADING AREA (BTA) NAME
63 - 66	I4	BTA CODE
67 - 70	A4	TRADING AREA (TA) ABBR
71 - 72	2X	FILLER
73 - 75	I3	MAJOR TRADING AREA (MTA) CODE
76 - 85	I10	POPULATION COUNTS (TOTAL)
86 - 87	2X	FILLER
88 - 94	I7	POPULATION COUNTS (BLACK)
95 - 103	I8	LAND AREA
104 - 112	I9	QMA POPULATION
113 - 120	F8.2	POPULATION DENSITY
121 - 122	2X	FILLER
123 - 140	18A1	COUNTY NAME

FILE DOCUMENTATION

PROGRAM: P2-12 COMBINE.SBTA.UGA

FILE: FT20F001 **LRECL:** 220

IO TYPE: OUTPUT **BLKSIZE:** 6600

FILE TYPE: EBCDIC **RECFM:** FB

DSN: EXTND.COUNTY.INFO.FILE

Column	Format (EBCDIC) Data Type (Binary)	Data Description
1 - 2	2X	FILLER
3 - 4	I2	FIPS STATE CODE
5 - 21	17A1	STATE NAME
22 - 23	A2	STATE ABBREVIATION
24 - 27	4X	FILLER
28 - 30	I3	COUNTY FIPS CODE
31 - 62	32A1	BASIC TRADING AREA (BTA) NAME
63 - 66	I4	BTA CODE
67 - 70	A4	TRADING AREA (TA) ABBR
71 - 72	2X	FILLER
73 - 75	I3	MAJOR TRADING AREA (MTA) CODE
76 - 85	I10	POPULATION COUNTS (TOTAL)
86 - 87	2X	FILLER
88 - 94	I7	POPULATION COUNTS (BLACK)
95 - 103	I8	LAND AREA
104 - 112	I9	QMA POPULATION
113 - 120	F8.2	POPULATION DENSITY
121 - 122	2X	FILLER
123 - 140	18A1	COUNTY NAME
141 - 141	ALPHA	UGA LEVEL NUMBER
142 - 143	↕	UGA LEVEL ID NUMBER
144 - 146	↕	UGA COUNTY NUMBER
147 - 156	ALPHA	COUNTY NAME
157 - 164	INTEGER	TOTAL POPULATION WHITE MALES
165 - 172	↑	TOTAL POPULATION NON-WHITE MALES
173 - 180	↕	TOTAL POPULATION WHITE FEMALES
181 - 188	↕	TOTAL POPULATION NON-WHITE FEMALES
189 - 196	↕	POPULATION, AGES 17-24 WHITE MALES
197 - 204	↕	POPULATION, AGES 17-24 NON-WHITE MALES
205 - 212	↕	POPULATION, AGES 17-24 WHITE FEMALES
213 - 220	INTEGER	POPULATION, AGES 17-24 NON-WHITE FEMALES

Program name: MFWBO	Program ID: P2-13

Purpose:

This program computes county populations for males, females, white, black and other using both SBTA and UGA data.

Author: Alison Crews

Computer/OS: IBM 360-370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 100 K

Tape Drives: 2

CPU Time: 2 MIN

Disk Drives: 0

Print Lines: 3200

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT) External

Input Files:

FT05F001	CORRECTIONS TO EXTENDED COUNTY INFORMATION FILE (PUNCHED CARDS)
FT10F001	EXTND.COUNTY.INFO.FILE

Output Files:

FT06F001	POPULATION REPORT FOR TOTAL POPULATION AND 17-24 YEAR OLDS BY SEX AND WHITE, BLACK AND OTHER
FT20F001	COMPUT.CTY.POP.MFWBO.YR70.TRY1

FILE DOCUMENTATION

PROGRAM: P2-13 MFWBO

FILE: FT05F001 LRECL: 80

IO TYPE: INPUT BLKSIZE: 80

FILE TYPE: BCD RECFM: FB

DSN:

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	A4	COUNTY CORRECTION CODE
7 - 10	6X	FILLER
11 - 20	INTEGER	1ST CORRECTION
21 - 30		2ND CORRECTION
31 - 40		3RD CORRECTION
41 - 50		4TH CORRECTION
51 - 60		5TH CORRECTION
61 - 70		6TH CORRECTION
71 - 80	INTEGER	7TH CORRECTION

FILE DOCUMENTATION

PROGRAM: P2-13 MFWBO

FILE: FT10F001 LRECL: 220

IO TYPE: INPUT BLKSIZE: 6600

FILE TYPE: EBCDIC RECFM: FB

DSN: EXTND.COUNTY.INFO.FILE

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 2	2X	FILLER
3 - 4	I2	FIPS STATE CODE
5 - 21	17A1	STATE NAME
22 - 23	A2	STATE ABBREVIATION
24 - 27	4X	FILLER
28 - 30	I3	COUNTY FIPS CODE
31 - 62	32A1	BASIC TRADING AREA (BTA) NAME
63 - 66	I4	BTA CODE
67 - 70	A4	TRADING AREA (TA) ABBR
71 - 72	2X	FILLER
73 - 75	I3	MAJOR TRADING AREA (MTA) CODE
76 - 85	I10	POPULATION COUNTS (TOTAL)
86 - 87	2X	FILLER
88 - 94	I7	POPULATION COUNTS (BLACK)
95 - 103	I8	LAND AREA
104 - 112	I9	QMA POPULATION
113 - 120	F8.2	POPULATION DENSITY
121 - 122	2X	FILLER
123 - 140	18A1	COUNTY NAME
141 - 141	ALPHA	UGA LEVEL NUMBER
142 - 143	↕	UGA LEVEL ID NUMBER
144 - 146	↕	UGA COUNTY NUMBER
147 - 156	ALPHA	COUNTY NAME
157 - 164	INTEGER	TOTAL POPULATION WHITE MALES
165 - 172	↑	TOTAL POPULATION NON-WHITE MALES
173 - 180	↕	TOTAL POPULATION WHITE FEMALES
181 - 188	↕	TOTAL POPULATION NON-WHITE FEMALES
189 - 196	↕	POPULATION,AGES 17-24 WHITE MALES
197 - 204	↕	POPULATION,AGES 17-24 NON-WHITE MALES
205 - 212	↕	POPULATION,AGES 17-24 WHITE FEMALES
213 - 220	INTEGER	POPULATION,AGES 17-24 NON-WHITE FEMALES

FILE DOCUMENTATION

PROGRAM: P2-13 MFWBO

FILE: FT20F001 **LRECL:** 252

IO TYPE: OUTPUT **BLKSIZE:** 5040

FILE TYPE: EBCDIC **RECFM:** FB

DSN: COMPUT.CTY.POP.MFWBO.YR70.TRY1

Column	Format (EBCDIC) Data Type (Binary)	Data Description
1 - 2	2X	FILLER
3 - 4	I2	FIPS STATE CODE
5 - 21	17A1	STATE NAME
22 - 23	A2	STATE ABBREVIATION
24 - 27	4X	FILLER
28 - 30	I3	COUNTY FIPS CODE
31 - 62	32A1	BASIC TRADING AREA (BTA) NAME
63 - 66	I4	BTA CODE
67 - 70	A4	TRADING AREA (TA) ABBR
71 - 72	2X	FILLER
73 - 75	I3	MAJOR TRADING AREA (MTA) CODE
76 - 85	I10	POPULATION COUNTS (TOTAL)
86 - 87	2X	FILLER
88 - 94	I7	POPULATION COUNTS (BLACK)
95 - 103	I8	LAND AREA
104 - 112	I9	QMA POPULATION
113 - 120	F8.2	POPULATION DENSITY
121 - 122	2X	FILLER
123 - 140	18A1	COUNTY NAME
141 - 141	ALPHA	UGA LEVEL NUMBER
142 - 143	↕	UGA LEVEL ID NUMBER
144 - 146	↕	UGA COUNTY NUMBER
147 - 156	ALPHA	COUNTY NAME
157 - 164	INTEGER	TOTAL POPULATION WHITE MALES
165 - 172	↑	TOTAL POPULATION BLACK MALES
173 - 180	↑	TOTAL POPULATION OTHER MALES
181 - 188	↑	TOTAL POPULATION WHITE FEMALES
189 - 196	↑	TOTAL POPULATION BLACK FEMALES
197 - 204	↑	TOTAL POPULATION OTHER FEMALES
205 - 212	↑	POPULATION, 17-24 YRS WHITE MALES
213 - 220	↑	POPULATION, 17-24 YRS BLACK MALES
221 - 228	↑	POPULATION, 17-24 YRS OTHER MALES
229 - 236	↑	POPULATION, 17-24 YRS WHITE FEMALES
237 - 244	↑	POPULATION, 17-24 YRS BLACK FEMALES
245 - 252	↓	POPULATION, 17-24 YRS OTHER FEMALES

Program name: DTH.AGGREG	Program ID: P2-14

Purpose:

This program extracts the number of deaths by state, sex, race, and age from the National Center for Health Statistics' cause of death summary tapes. The tapes are sorted by state, sex, and race prior to this processing step. The program is run three times, once each for the 1972, 1973, and 1974 death tapes.

Author: Alison Crews

Computer/OS: IBM 370/Hasp	**Language:** FORTRAN G

Estimated Requirements:

Core:	100 K	Tape Drives:	2
CPU Time:	2 min	Disk Drives:	1
Print Lines:	1500		

Subroutine name/entry/entry.

Internal (SOURCE/OBJECT)	External
RDDTHS (SOURCE)	MVEC.R
DATACK (SOURCE)	FWRITE
	LEAVE
	FREAD

Input Files:

FT10F001	National Center for Health Statistics' cause of death summary tape

Output Files:

FT20F001	STATE.DEATHS.YR19XX
SYSOUT	The program prints a list of the number of deaths by state, sex, race, and age. The program also lists the number of records read, used, written and bypassed.

FILE DOCUMENTATION

PROGRAM: P2-14 DTH.AGGREG

FILE: FT10F001 **LRECL:** 194

IO TYPE: INPUT **BLKSIZE:** 1940

FILE TYPE: MIXED **RECFM:** FB

DSN: UNKNOWN - USE BLP

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1	A1	RECORD NUMBER
2 - 3	I2	STATE CODE
4	I1	SEX CODE(1=MALE,2=FEMALE)
5 - 6	2X	FILLER
7	I1	RACE CODE (1=WHITE,2=BLACK,3=ALL OTHER)
8 - 36	29X	FILLER
37 - 40	BINARY,INTEGER	NO. OF DEATHS LESS THAN 1 YR OLD
41 - 60		FILLER
61 - 64		NO. OF DEATHS 1 YR OLD
65 - 68		2 YRS OLD
69 - 72		3
73 - 76		4
77 - 80		FILLER
81 - 84		NO. OF DEATHS 5-9 YRS OLD
85 - 88		10-14
89 - 92		15-19
93 - 96		20-24
97 - 194		FILLER

FILE DOCUMENTATION

PROGRAM: P2-14 DTH.AGGREG

FILE: FT20F001 **LRECL:** 48

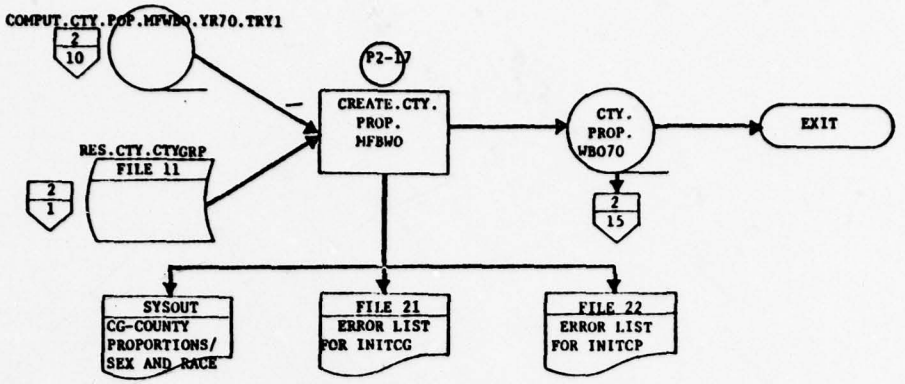
IO TYPE: OUTPUT **BLKSIZE:** 7200

FILE TYPE: BINARY **RECFM:** FB

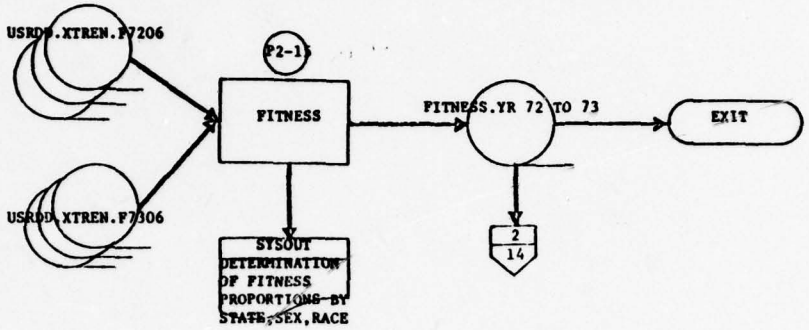
DSN: STATE.DEATHS.YR19XX

Column	Format (EBCDIC) Data Type (Binary)	Data Description
1 - 4	INTEGER	FIPS STATE CODE
5 - 8		SEX CODE (1=MALE, 2=FEMALE)
9 - 12		RACE CODE (1=WHITE, 2=BLACK, 3=OTHER)
13 - 16		NUMBER OF DEATHS FOR AGE LT 1 YR OLD
17 - 20		FOR AGE 1 YR
21 - 24		2
25 - 28		3
29 - 32		4
33 - 36		AGES 5 - 9
37 - 40		10 - 14
41 - 44		15 - 19
45 - 48		20 - 24

DEVELOPMENT OF COUNTY-COUNTY GROUP PROPORTIONS - VERSION 2



EXTRACTION OF FITNESS DATA



Program name: FITNESS	Program ID: P2-15

Purpose:

This program determines mental and physical fitness proportions from AFEES data. The data is extracted at a state level with additional regions for urban areas within 9 states, New York, California, Illinois, Michigan, Pennsylvania, Ohio, Texas, Washington, Massachusetts.

Author: Unknown

Computer/OS: IBM 370/Hasp	Language: FORTRAN G

Estimated Requirements:

Core: 100 K

Tape Drives: 2

CPU Time: 26 min

Disk Drives: 1

Print Lines: 4000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)		External
ZIPSTS(S)	PAZIP(S)	FREAD
NYZIP (S)	OHZIP(S)	GETCR
ILZIP (S)	TXZIP(S)	LISTI
CAZIP (S)	WAZIP(S)	LEAVE
MIZIP (S)	MAZIP(S)	

Input Files:

FT10F001	USRDD.XTREN.F7206
	USRDD.XTREN.F7306

Output Files:

FT20F001	FITNESS.YR72TO73.TRY1
SYSOUT	This file contains a listing of the counts written on tape 20 as well as a summary of the record processing, e.g., number of records read, number of records processed, etc.

FILE DOCUMENTATION

PROGRAM: P2-15 FITNESS

FILE: FT10F001 **LRECL:** 105

IO TYPE: INPUT **BLKSIZE:** 5250

FILE TYPE: EBCDIC **RECFM:** FB

DSN: USRDD.XTREN.F7206
USRDD.XTREN.F7306

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 5	I5	ZIP CODE
6 - 11	I6	DATE OF EXAM (YYMMDD)
12 - 17	I6	DATE OF BIRTH(YYMMDD)
18	I1	YRS OF EDUCATION
19	A1	SEX
20	I1	RACE
21 - 22	A2	AFQT TEST USED
23 - 25	I3	PERCENTILE
26	I1	MENTAL CATEGORY
27 - 29	I3	AFQT PERCENTILE (REPEATED)
30 - 50	7I3	TEST SCORES
51	I1	BRANCH OF SERVICE
52	A1	STATUS
53 - 105	53X	FILLER

FILE DOCUMENTATION

PROGRAM: P2-15 FITNESS

FILE: FT20F001

IO TYPE: OUTPUT

FILE TYPE: BINARY

DSN: FITNESS.TRY1

LRECL: 136

BLKSIZE: 2720

RECFM: FB

Column	Format (EBCDIC) Data Type (Binary)	Data Description
1 - 4	INTEGER	REGION CODE
5 - 8	INTEGER	REGION ABBREVIATION
9 - 12	REAL	MALES WHITE MEN.CAT. 1 (Proportion)
13 - 16		2
17 - 20		3
21 - 24		4
25 - 28		5
29 - 32		6
33 - 36		7
37 - 40		PHYS.UNFIT
41 - 44		BLACK MEN.CAT. 1
45 - 48		2
49 - 52		3
53 - 56		4
57 - 60		5
61 - 64		6
65 - 68		7
69 - 72		PHYS.UNFIT
73 - 76		OTHER MEN.CAT. 1
77 - 80		2
81 - 84		3
85 - 88		4
89 - 92		5
93 - 96		6
97 - 100		7
101 - 104		PHYS.UNFIT
105 - 108		FEMALES TOTAL MEN.CAT. 1
109 - 112		2
113 - 116		3
117 - 120		4
121 - 124		5
125 - 128		6
129 - 132		7
133 - 136	REAL	PHYS.UNFIT

Program name: CREATE.CTY.PROP.MFWBO	Program ID: P2-17

Purpose:

This program computes county proportions from the improved SBTA/UGA data.

Author: Alison Crews

Computer/OS: IBM 360-70/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 100K

Tape Drives: 2

CPU Time: 8 MIN

Disk Drives: 1

Print Lines: 5000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External
INITCP/CP0P6/PRNCNT(SOURCE)	LISTI
INITCG/NXTGRP/PRTCGP(SOURCE)	BNSCHI
ZROFIL(SOURCE)	
RDCCG(OBJECT)	

Input Files:

FT09F001	COMPUT.CTY.POP.MFWBO.YR70.TRY1
FT11F001	RES.CTY.CTYGRP

Output Files:

FT20F001	CTY.PROP.WBO70
FT21F001	CTY STATS RETRIEVAL SYSTEM ERROR MESSAGES FROM INITCP
FT22F001	CTY-CTY GROUP MAPPING ERROR MESSAGES FROM INITCP
SYSOUT	INTERMEDIATE RESULTS, LISTS OF PROPORTIONS GENERATED BY CTY GRP & CTY

FILE DOCUMENTATION

PROGRAM: P2-17 CREATE.CTY.PROP.MFWBO

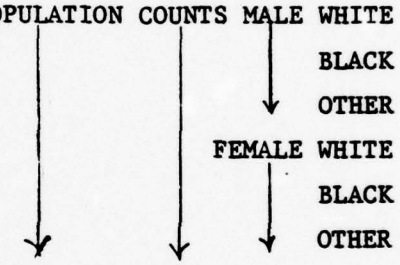
FILE: FT09F001 **LRECL:** 252

IO TYPE: INPUT **BLKSIZE:** 5040

FILE TYPE: EBCDIC **RECFM:** FB

DSN: COMPUT.CTY.POP.MFWBO.TRY1

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	2X	FILLER
3-4	I2	STATE FIPS CODE
5-21	17X	FILLER
22-23	A2	STATE ABBREVIATION
24-27	4X	FILLER
28-30	I3	COUNTY FIPS CODE
31-204	174X	FILLER
205-212	I8	POPULATION COUNTS MALE WHITE
213-220	I8	BLACK
221-228	I8	OTHER
229-236	I8	FEMALE WHITE
237-244	I8	BLACK
245-252	I8	OTHER



FILE DOCUMENTATION

PROGRAM: P2-17 CREATE.CTY.PROP.MFWBO

FILE: FT11F001 LRECL: 80

IO TYPE: INPUT BLKSIZE: 7200

FILE TYPE: EBCDIC RECFM: FB

DSN: RES.CTY.CTYGRP

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-70	5(3X,I5,1X,I5)	COUNTY-COUNTY GROUP MAPPINGS (MAXIMUM OF 5 PER CARD)
.		
e.g.		
1-3		FILLER
4-8		COUNTY CODE
9		FILLER
10-14		COUNTY GROUP CODE

FILE DOCUMENTATION

PROGRAM: P2-17 CREATE.CTY.PROP.MFWBO

FILE: FT20F001 **LRECL:** 80

IO TYPE: OUTPUT **BLKSIZE:** 7200

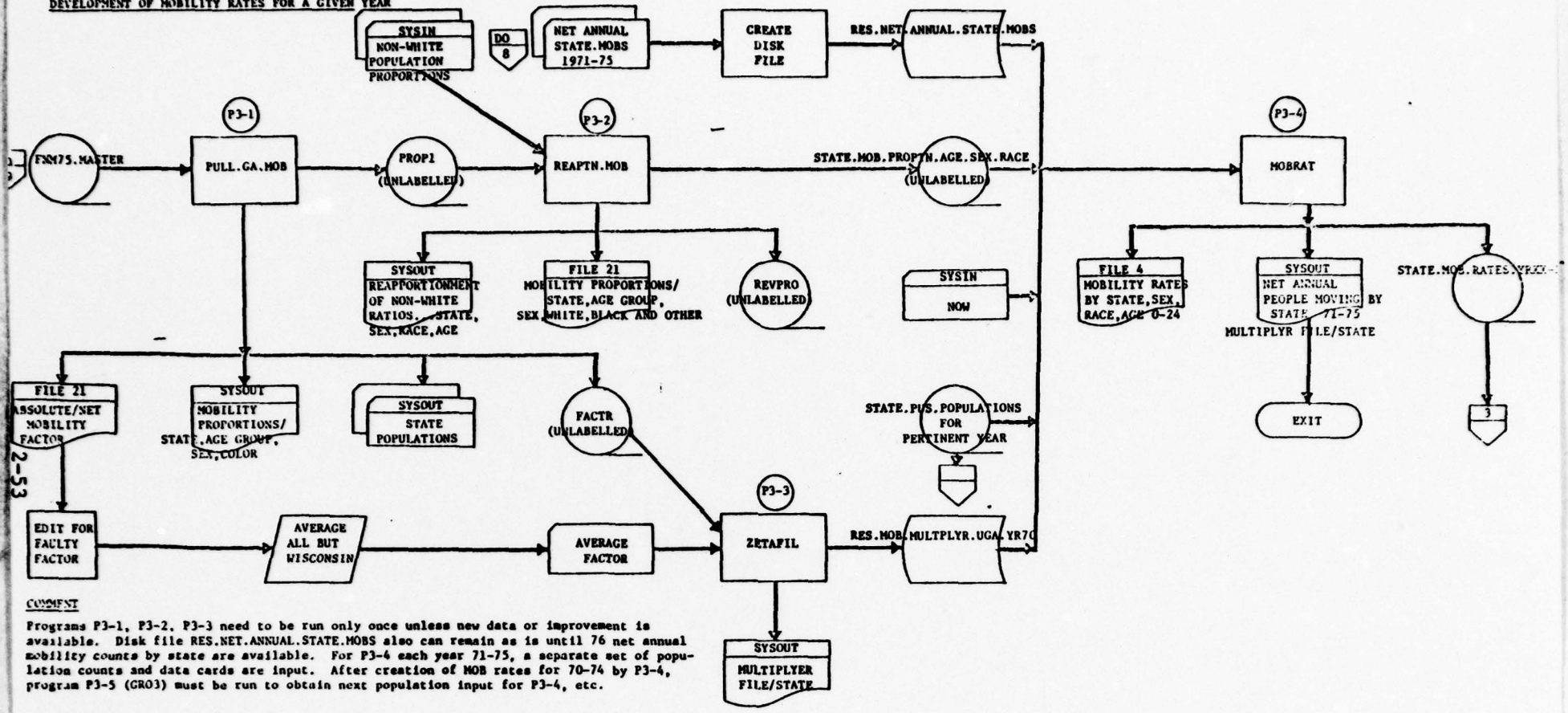
FILE TYPE: EBCDIC **RECFM:** FB

DSN: CTY.PROP.WB070

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-5	5I1	COUNTY GROUP CODE
6-22	17X	FILLER
23-27	5I1	COUNTY FIPS CODE
28-33	6X	FILLER
34-40	F7.4	PROPORTION MALE WHITE
41-47	F7.4	BLACK
48-54	F7.4	OTHER
55-59	5X	FILLER
60-66	F7.4	PROPORTION FEMALE WHITE
67-73	F7.4	BLACK
74-80	F7.4	OTHER

DEVELOPMENT OF GROWTH RATES

DEVELOPMENT OF MOBILITY RATES FOR A GIVEN YEAR



2-53

COMMENT

Programs P3-1, P3-2, P3-3 need to be run only once unless new data or improvement is available. Disk file RES.NET.ANNUAL.STATE.MOBS also can remain as is until 76 net annual mobility counts by state are available. For P3-4 each year 71-75, a separate set of population counts and data cards are input. After creation of MOB rates for 70-74 by P3-4, program P3-5 (GRO3) must be run to obtain next population input for P3-4, etc.

Data Card 1	Data Card 2			
NOW	NCOLS	NROWS	NSETS	IBGN
1	25	3	2	1970
2				
3				
4				
5	25	3	2	1970

2/8 ENRICH.STATE.PUS.YR70

3/7 STATE.ENRICH.POPS.YR71

3/10 STATE.ENRICH.POPS.YR72

3/12 STATE.ENRICH.POPS.YR73

15 STATE.ENRICH.POPS.YR74

3/1 STATE.MOB.RATES.MFWBO.YR70-71

3/2 STATE.MOB.RATES.MFWBO.YR71-72

3/3 STATE.MOB.RATES.MFWBO.YR72-73

3/4 STATE.MOB.RATES.MFWBO.YR73-74

3/5 STATE.MOB.RATES.MFWBO.YR74-75

Program name: PULL.GA.MOB	Program ID: P3-1

Purpose: This program extracts mobility data from UGA tape. It creates proportions of subgroup mobility to total absolute mobility by 5-year age groups, sex, color (white and non-white) and state. It also creates a mobility factor file by state using the ratio of net mobility to total absolute mobility within the state. UGA state codes are adjusted to FIPS state codes.

Author: Alison Crews

Computer/OS: IBM 370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 100K

Tape Drives: 3

CPU Time: 120 SEC

Disk Drives: 0

Print Lines: 350

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External

Input Files:

FT10F001	FNM75.MASTER (treated as unlabelled tape)

Output Files:

FT20F001	UNLABELLED contains mobility proportions by state, sex, 5-year age groups (0-24 yrs) and white/non-white color.
FT21F001	List of FACTR file, multiplyers created from ratio of net to total absolute mobility in a state.
FT22F001	UNLABELLED contains FACTR file.
SYSOUT=B	Punch file of total state populations.
SYSOUT=A	List of mobility proportions by state, sex, 5-year age groups (0-24 yrs), and color.

FILE DOCUMENTATION

PROGRAM: P3-1

FILE: FT22F001

IO TYPE: OUTPUT

FILE TYPE: EBCDIC

DSN: UNLABELLED (FACTR)

LRECL: 32

BLKSIZE: 3200

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	I4	Signed FIPS state code where sign denotes sign of net state mobility in 1970.
5 - 8	4X	Filler
9 - 16	F8..5	Ratio of state total absolute mobility to state net mobility for 1960-1970 (UGA data).
17 - 24	F8..5	Mobility multiplier of mobility subpopulation has opposite sign from state net mobility count.
25 - 32	F8..5	Mobility multiplier of mobility subpopulation has same sign as state net mobility count.

FILE DOCUMENTATION

PROGRAM: P3-1 PULL.GA.MOB

FILE: FT20F001 LRECL: 232

IO TYPE: OUTPUT BLKSIZE: 4640

FILE TYPE: EBCDIC RECFM: FB

DSN: UNLABELLED (PROP1)

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	I2	FIPS STATE CODE
3-22	5A4	STATE NAME
23-32	F10.5	MOBILITY PROPORTION MALE WHITE AGE 0-4
33-42		FEMALE WHITE
43-52		MALE NON-WHITE
53-62		FEMALE NON-WHITE AGE 0-4
63-72		MALE WHITE AGE 5-9
73-82		FEMALE WHITE
83-92		MALE NON-WHITE
93-102		FEMALE NON-WHITE AGE 5-9
103-112		MALE WHITE AGE 10-14
113-122		FEMALE WHITE
123-132		MALE NON-WHITE
133-142		FEMALE NON-WHITE AGE 10-14
143-152		MALE WHITE AGE 15-19
153-162		FEMALE WHITE
163-172		MALE NON-WHITE
173-182		FEMALE NON-WHITE AGE 15-19
183-192		MALE WHITE AGE 19-24
193-202		FEMALE WHITE
203-212		MOBILITY MALE NON-WHITE.
213-222	F10.5	PROPORTION FEMALE NON-WHITE AGE 19-24
223-232	I10	TOTAL STATE POPULATION

Program name: REAPTN.MOB	Program ID: P3-2

Purpose: This program converts proportions of non-white mobility for five age groups (1-25 yrs.) into proportions for black and other. Proportions for white individuals are unchanged. The proportions of each age group are distributed evenly among each age within the age group, maintaining race and sex subdivisions.

Author: Alison Crews

Computer/OS: IBM 370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 100K

Tape Drives: 3

CPU Time: 20 seconds

Disk Drives: 0

Print Lines: 622

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External
NONE	

Input Files:

FT03F001	UNLABELLED VOL=SER=PROP1
SYSIN	FILE OF RACE PROPORTIONS BY SEX OF RATIO OF TOTAL BLACK/ NON-WHITE AND TOTAL OTHER/NON-WHITE (DERIVED FROM UGA POPULATION DATA)

Output Files:

FT20F001	UNLABELLED CONTAINING REVISED MOBILITY PROPORTIONS BY STATE, SEX, RACE, AND 5-YR. AGE GROUPS VOL=SER=REVPRO
FT21F001	LIST OF REVISED MOBILITY PROPORTIONS BY STATE, SEX, RACE, AND 5-YR. AGE GROUPS
FT23F001	UNLABELLED CONTAINING REVISED MOBILITY PROPORTIONS SPREAD IN AGES 0-24 VOL=SER=C647
SYSOUT	LIST OF REVISED MOBILITY PROPORTIONS BY STATE, SEX, RACE AND AGE (0-24 YRS.)

FILE DOCUMENTATION

PROGRAM: P3-2 REAPTN.MOB

FILE: SYSIN

IO TYPE: BCD

FILE TYPE: INPUT

DSN:

LRECL: 80

BLKSIZE: 80

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	I2	STATE FIPS CODE
3-5	3X	FILLER
6-10	F5.4	TOTAL MALE BLACK/TOTAL MALE NON-WHITE
11-15	5X	FILLER
16-20	F5.4	TOTAL MALE OTHER/TOTAL MALE NON-WHITE
21-25	5X	FILLER
26-30	F5.4	TOTAL FEMALE BLACK/TOTAL FEMALE NON-WHITE
31-35	5X	FILLER
36-40	F5.4	TOTAL FEMALE OTHER/TOTAL FEMALE NON-WHITE
41-45	5X	FILLER

FILE DOCUMENTATION

PROGRAM: P3-2 REAPTN.MOB

FILE: FT03F001

IO TYPE: INPUT

FILE TYPE: EBCDIC

DSN: UNLABELLED

LRECL: 232

BLKSIZE: 4640

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	I2	FIPS STATE CODE
3-22	5A4	STATE NAME
23-32	F10.5	MOBILITY PROPORTION MALE WHITE AGE 0-4
33-42		FEMALE WHITE
43-52		MALE NON-WHITE
53-62		FEMALE NON-WHITE AGE 0-4
63-72		MALE WHITE AGE 5-9
73-82		FEMALE WHITE
83-92		MALE NON-WHITE
93-102		FEMALE NON-WHITE AGE 5-9
103-112		MALE WHITE AGE 10-14
113-122		FEMALE WHITE
123-132		MALE NON-WHITE
133-142		FEMALE NON-WHITE AGE 10-14
143-152		MALE WHITE AGE 15-19
153-162		FEMALE WHITE
163-172		MALE NON-WHITE
173-182		FEMALE NON-WHITE AGE 15-19
183-192		MALE WHITE AGE 19-24
193-202		FEMALE WHITE
203-212		MOBILITY MALE NON-WHITE
213-222	F10.5	PROPORTION FEMALE NON-WHITE AGE 19-24
223-232	I10	TOTAL STATE POPULATION

FILE DOCUMENTATION

PROGRAM: P3-2 REAPTN.MOB

FILE: FT20F001 LRECL: 264

IO TYPE: OUTPUT BLKSIZE: 2640

FILE TYPE: EBCDIC RECFM: FB

DSN: UNLABELLED CONTAINS REVISED MOBILITY PROPORTIONS BY STATE, SEX, RACE, AND 5-YR. AGE GROUP

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	I2	STATE FIPS CODE
3-4	2X	FILLER
5-24	5A4	STATE NAME
25-32	F8.5	MOBILITY PROPORTION MALE WHITE 0-4 YRS.
33-40		BLACK
41-48		MALE OTHER
49-56		FEMALE WHITE
57-64		BLACK
65-72	F8.5	FEMALE OTHER
73-120	6F8.5	MOBILITY PROPORTIONS AS ABOVE 5-9 YRS.
121-168		10-14 YRS.
169-216		15-19 YRS.
217-264	6F8.5	20-24 YRS.

FILE DOCUMENTATION

PROGRAM: P3-2 REAPTN.MOB

FILE: FT23F001

IO TYPE: OUTPUT

FILE TYPE: EBCDIC

LRECL: 206

BLKSIZE: 4120

RECFM: FB

DSN: UNLABELLED CONTAINS REVISED MOBILITY PROPORTIONS BY STATE, SEX, RACE, AND AGE (0-24 YRS)

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	I2	FIPS STATE CODE
3-4	↕	SEX CODE (1=MALE, 2=FEMALE)
5-6	I2	RACE CODE (1=white, 2=black, 3=other)
7-14	F8.5	PROPORTION OF INDIVIDUALS MOVING LT 1-YR.OLD
15-22	↓	1-YR.OLD
23-30	↓	2
31-38	↓	3
39-46	↓	4
47-54	↓	5
55-62	↓	6
63-70	↓	7
71-78	↓	8
79-86	↓	9
87-94	↓	10
95-102	↓	11
103-110	↓	12
111-118	↓	13
119-126	↓	14
127-134	↓	15
135-142	↓	16
143-150	↓	17
151-158	↓	18
159-166	↓	19
167-174	↓	20
175-182	↓	21
183-190	↓	22
191-198	↓	23
199-206	F8.5	PROPORTION OF INDIVIDUALS MOVING 24

Program name: ZETAFIL	Program ID: P3-3

Purpose:

This program puts absolute/net mobility multiplier file derived from Net Migration (UGA) data onto disk file. In the process, it inserts average values in place of unreasonable values for state of Wisconsin.

Author: Alison Crews

Computer/OS: IBM 370/Hasp	Language: FORTRAN G

Estimated Requirements:

Core: 82 K

Tape Drives: 1

CPU Time: 3 seconds

Disk Drives: 0

Print Lines: 56 lines

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)

External

None

Input Files:

FT08F001	Unlabelled tape of state mobility multipliers—output from program P3-1
SYSIN	Correction data for state of Wisconsin

Output Files:

FT20F001	RES.MOB.MULTPLYR.UGA.YR70
SYSOUT	List of RES.MOB.MULTPLYR.UGA.YR70 I/O record counts.

FILE DOCUMENTATION

PROGRAM: P3-3 ZETAFIL

FILE: FT08F001 LRECL: 40

IO TYPE: INPUT BLKSIZE: 2040

FILE TYPE: BCD-7 TRACK RECFM: FB

DSN: UNLABELLED (CONTAINS MOBILITY.MULTPLYR.UGA)

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	I4	Signed FIPS state code where sign denotes sign of net state mobility in 1970.
5 - 8	4X	Filler
9 - 20	F12.5	Ratio of state total absolute mobility to state net mobility for 1960-1970 (UGA data).
21 - 32	F12.5	Mobility multiplier of mobility subpopulation has opposite sign from state net mobility count.
33 - 44	F12.5	Mobility multiplier of mobility subpopulation has same sign as state net mobility count.

FILE DOCUMENTATION

PROGRAM: P3-3 ZETAFIL

FILE: SYSIN LRECL: 80

IO TYPE: INPUT BLKSIZE: 80

FILE TYPE: BCD RECFM: FB

DSN:

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	I4	FIPS state code of state
5 - 8	4X	Filler
9 - 18	F10.5	Ratio of state total absolute mobility to state net mobility for 1960-1970 (UGA data).
19 - 28	F10.5	Mobility multiplier if mobility subpopulation has opposite sign from state net mobility count.
29 - 38	F10.5	Mobility multiplier if mobility subpopulation has same sign as state net mobility count.

FILE DOCUMENTATION

PROGRAM: P3-3 ZETAFIL

FILE: FT20F001 LRECL: 44

IO TYPE: OUTPUT BLKSIZE: 2244

FILE TYPE: EBCDIC RECFM: FB

DSN: RES.MOB.MULTPLYR.UGA.YR70

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	I4	Signed FIPS STATE Code where sign denotes sign of net state mobility in 1970.
5 - 8	4X	Filler
9 - 20	F12.5	Ratio of state total absolute mobility to state net mobility for 1960-1970 (UGA data).
21 - 32	F12.5	Mobility multiplier if mobility subpopulation has opposite sign from state net mobility count.
33 - 44	F12.5	Mobility multiplier if mobility subpopulation has same sign as state net mobility count.

Program name: MOBRAT.STATE	Program ID: P3-4

Purpose:

This program creates mobility rates for a particular year by state, sex, race, and ages 0-24 years. It uses annual net state mobility counts, pertinent population counts, proportions of absolute mobility for sub-populations and the computed multiplier of total absolute vs net mobility for a state.

Author: Alison Crews

Computer/OS: IBM 370/Hasp	Language: FORTRAN G

Estimated Requirements:

Core:	100 K	Tape Drives:	3
CPU Time:	20 sec	Disk Drives:	1
Print Lines:	720		

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External
RDCNT (SOURCE)	FREAD
BNSCHI (SOURCE)	FWRITE
	LEAVE

Input Files:

FT08F001
RES.MOB.MULTPLYR.UGA.YR70

FT09F001
RES.NET.ANNUAL.STATE.MOBS

FT10F001
ENRICH.STATE.PUS.YR70

FT11F001
STATE.MOB.PROPTN.AGE.SEX.RACE

SYSIN

Output Files:

FT04F001
Mobility rates by state, sex, race, age 0-24

FT20F001
STATE.MOB.RATES.MFWBO.YRXX-YY

SYSOUT
1. Net annual people moving by state for years 1971, 72, 73, 74, and 75.
2. Multiplier file/state

FILE DOCUMENTATION

PROGRAM: P3-4 MOBRAT.STATE

FILE: SYSIN

IO TYPE: INPUT

FILE TYPE: BCD

DSN:

LRECL: 80

BLKSIZE: 80

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
Card 1		
1. - 5	I5	LOCATION IN ARRAY AMOB FOR NET MOBILITY FOR EACH STATE.

FILE DOCUMENTATION

PROGRAM: P3-4 MOBRAT.STATE

FILE: FT08F001 LRECL: 44

IO TYPE: INPUT BLKSIZE: 2244

FILE TYPE: EBCDIC RECFM: FB

DSN: RES.MOB.MULTPLYR.UGA.YR70

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	I4	SIGNED FIPS STATE CODE WHERE SIGN DENOTES SIGN OF NET STATE MOBILITY IN 1970.
5 - 20	16X	FILLER
21 - 32	F12.5	MOBILITY MULTIPLIER IF MOBILITY *SUBPOPULATION HAS OPPOSITE SIGN FROM* STATE NET MOBILITY COUNT.
33 - 44	F12.5	MOBILITY MULTIPLIER IF MOBILITY SUBPOPULATION HAS SAME SIGN AS STATE NET MOBILITY COUNT.

FILE DOCUMENTATION

PROGRAM: P3-4 MOBRAT.STATE

FILE: FT09F001

IO TYPE: INPUT

FILE TYPE: EBCDIC

DSN: RES.NET.ANNUAL.STATE.MOBS

LRECL: 80

BLKSIZE: 7200

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 2	I2	FIPS STATE CODE
3 - 6	4X	FILLER
7 - 8	A2	STATE ABBREVIATION
9 - 20	12X	FILLER
21 - 28	F8.0	NET STATE MOBILITY 1970-71
29 - 36	↕	↕ 1971-72
37 - 44		1972-73
45 - 52		1973-74
53 - 60		1974-75

FILE DOCUMENTATION

PROGRAM:	P3-4 MOBRAT.STATE		
FILE:	FT10F001	LRECL:	112
IO TYPE:	INPUT	BLKSIZE:	4480
FILE TYPE:	BINARY	RECFM:	FB
DSN:	ENRICH.STATE.PUS.YR70		

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	INTEGER	FIPS STATE CODE
5 - 8		SEX CODE (1=MALE, 2=FEMALE)
9 - 12		RACE CODE (1=WHITE, 2=BLACK, 3=OTHER)
13 - 16		POPULATION COUNT FOR LT 1 YR OLD
17 - 20		1 YR OLD
21 - 24		2 YRS OLD
25 - 28		3
29 - 32		4
33 - 36		5
37 - 40		6
41 - 44		7
45 - 48		8
49 - 52		9
53 - 56		10
57 - 60		11
61 - 64		12
65 - 68		13
69 - 72		14
73 - 76		15
77 - 80		16
81 - 84		17
85 - 88		18
89 - 92		19
93 - 96		20
97 - 100		21
101 - 104		22
105 - 108		23
109 - 112		24

FILE DOCUMENTATION

PROGRAM: P3-4 MOBRAT.STATE

FILE: FT11F001 LRECL: 206

IO TYPE: INPUT BLKSIZE: 4120

FILE TYPE: EBCDIC RECFM: FB

DSN: UNLABELLED (contains STATE.MOB.PROPTN.AGE.SEX.RACE)

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 2	I2	FIPS STATE CODE
3 - 4	I2	SEX CODE (1=MALE, 2=FEMALE)
5 - 6	I2	RACE CODE (1=WHITE, 2=BLACK, 3=OTHER)
7 - 14	F8.5	PROPORTION OF PEOPLE MOVING LT 1
15 - 22		1 YR OLD
23 - 30		2 YRS OLD
31 - 38		3
39 - 46		4
47 - 54		5
55 - 62		6
63 - 70		7
71 - 78		8
79 - 86		9
87 - 94		10
95 - 102		11
103 - 110		12
111 - 118		13
119 - 126		14
127 - 134		15
135 - 142		16
143 - 150		17
151 - 158		18
159 - 166		19
167 - 174		20
175 - 182		21
183 - 190		22
191 - 198		23
199 - 206		24

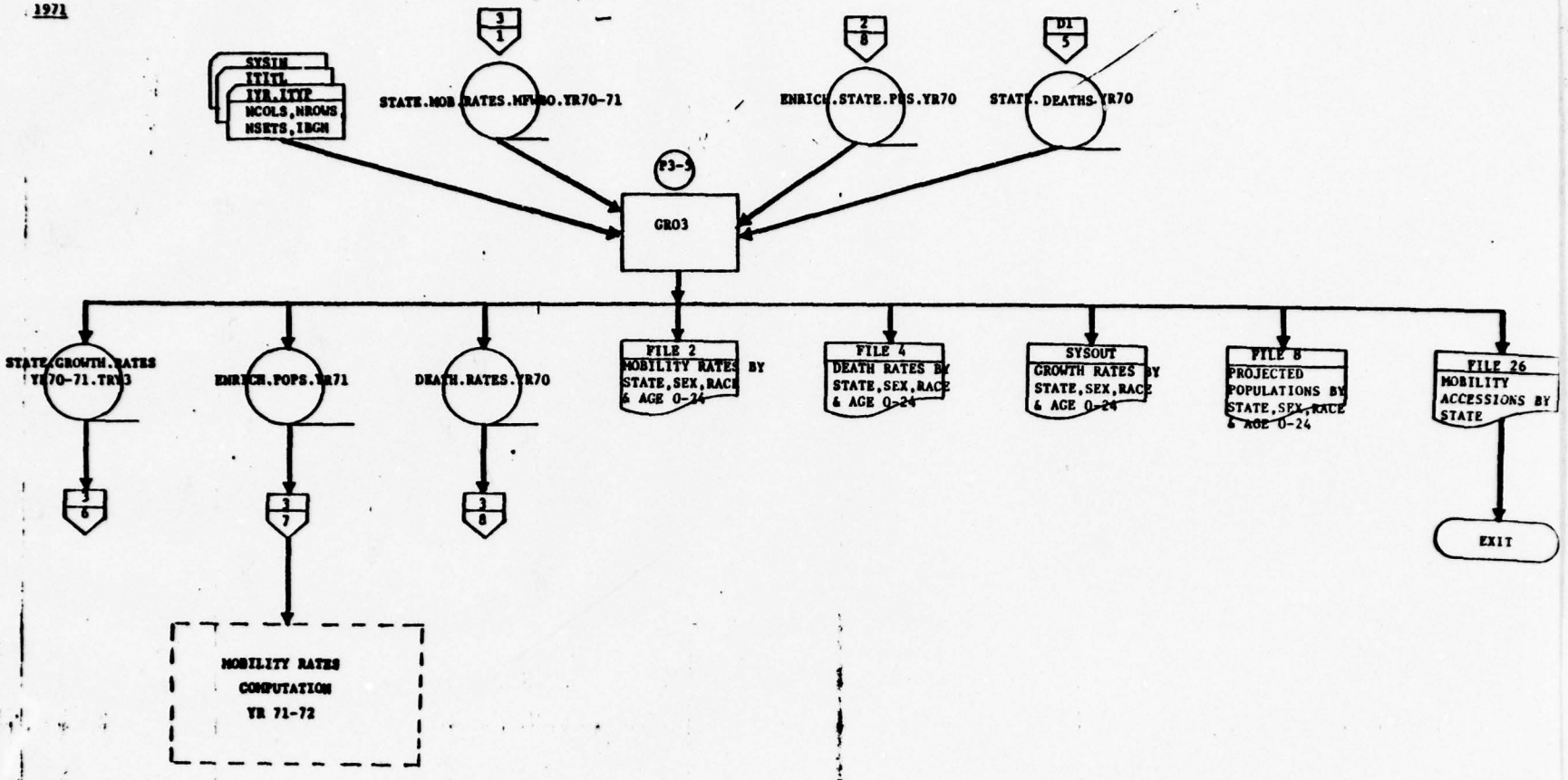
FILE DOCUMENTATION

PROGRAM:	P3-4 MOBRAT.STATE		
FILE:	FT20F001	LRECL:	116
IO TYPE:	OUTPUT	BLKSIZE:	3480
FILE TYPE:	BINARY	RECFM:	FB
DSN:	STATE.MOB.RATES.MFWBO.YRXX-YY		

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	INTEGER	FIPS STATE CODE
5 - 8	↕	SEX CODE (1=MALE, 2=FEMALE)
9 - 12	INTEGER	RACE CODE (1=WHITE, 2=BLACK, 3=OTHER)
13 - 16	REAL	MOBILITY RATE FOR LT 1 YR old
17 - 20	↑	FOR 1 YR old
21 - 24	↑	FOR 2
25 - 28	↑	3
29 - 32	↑	4
33 - 36	↑	5
37 - 40	↑	6
41 - 44	↑	7
45 - 48	↑	8
49 - 52	↑	9
53 - 56	↑	10
57 - 60	↑	11
61 - 64	↑	12
65 - 68	↑	13
69 - 72	↑	14
73 - 76	↑	15
77 - 80	↑	16
81 - 84	↑	17
85 - 88	↑	18
89 - 92	↑	19
93 - 96	↑	20
97 - 100	↑	21
101 - 104	↑	22
105 - 108	↓	23
109 - 112	REAL	MOBILITY RATE 24
113 - 116	ALPHA	Switch denoting whether a sub-population is less than 1 or number of migrants is zero. blank = no *** = yes

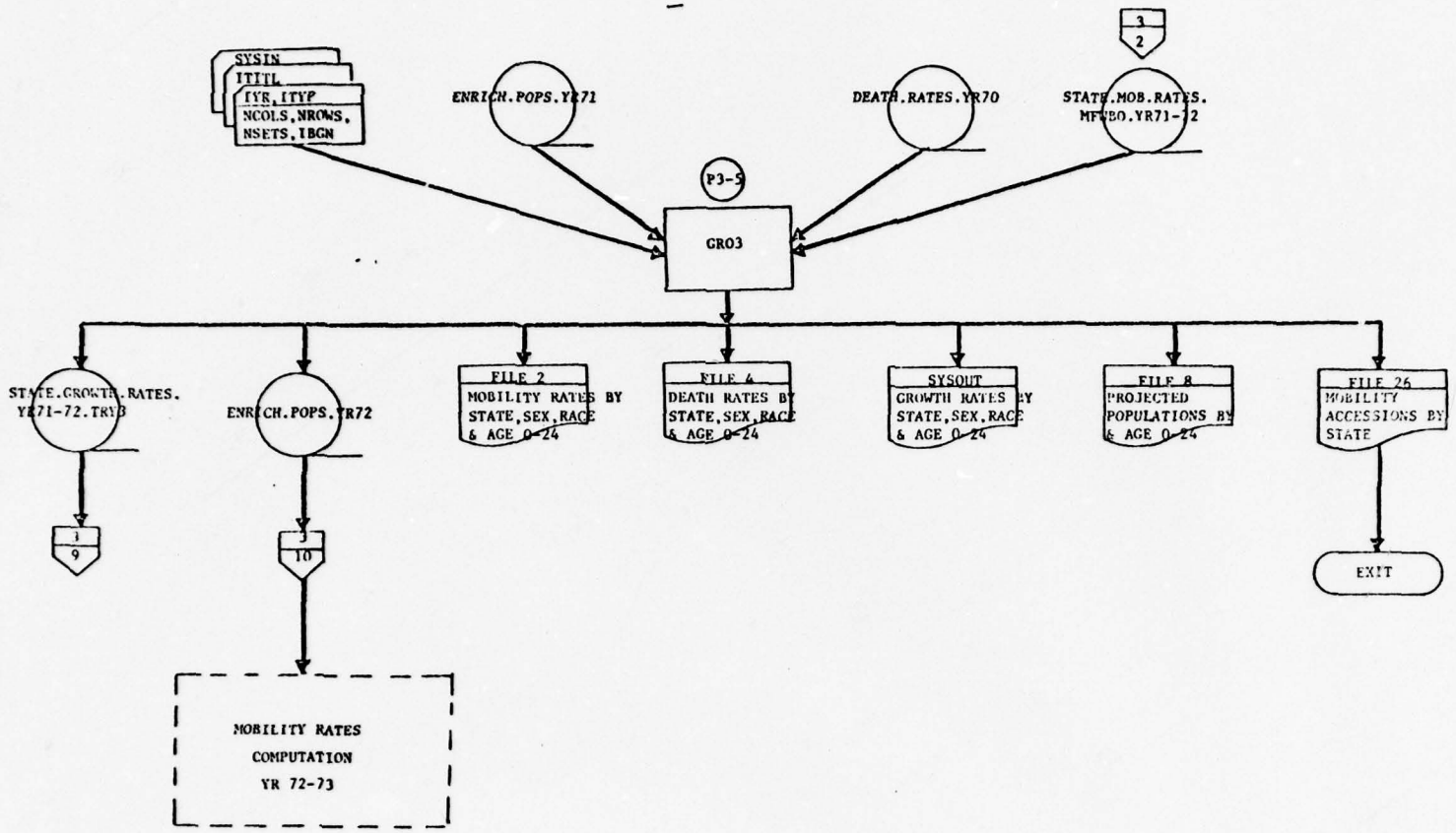
DEVELOPMENT OF GROWTH RATES (CONTINUED)

1971



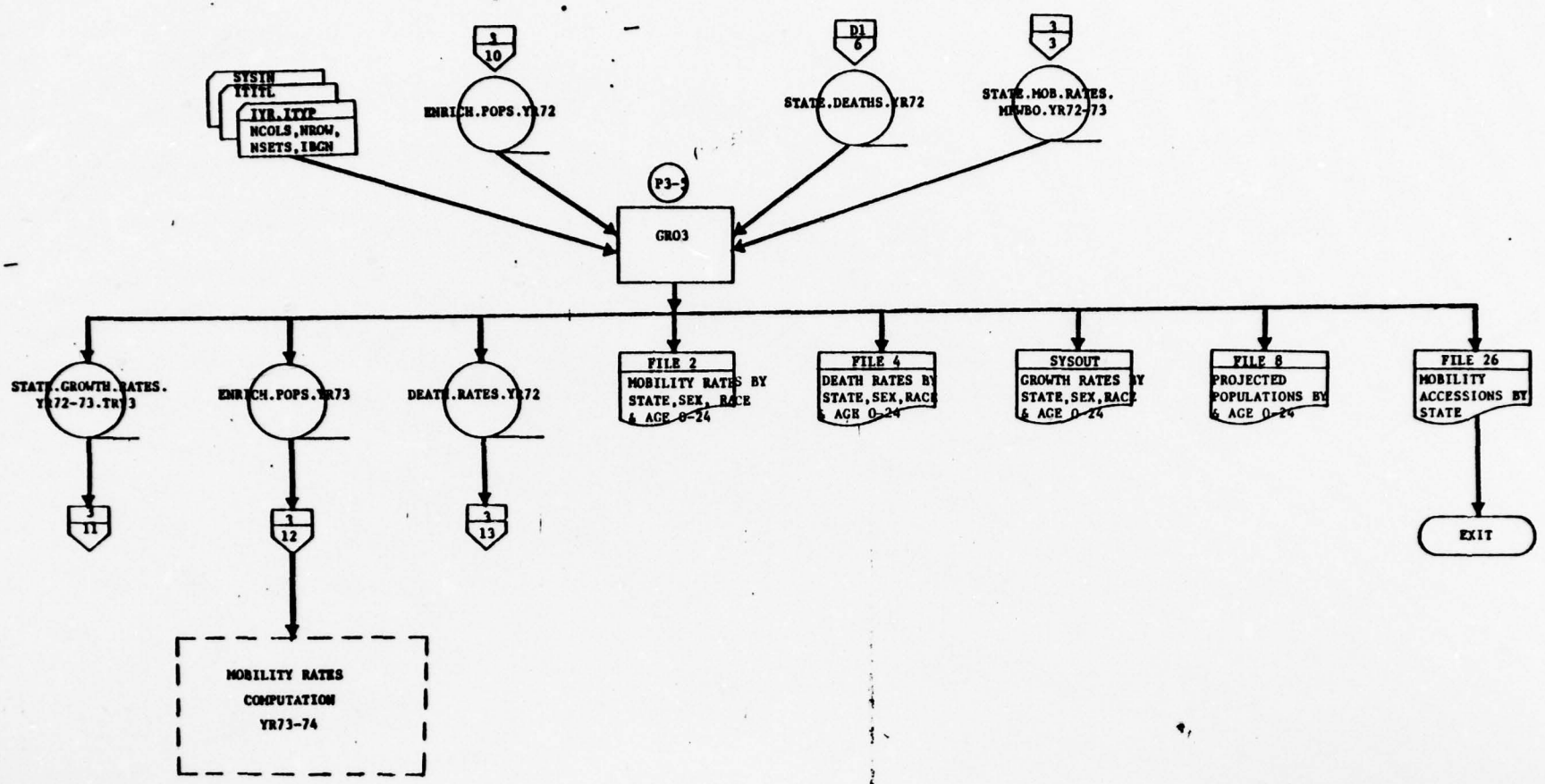
DEVELOPMENT OF GROWTH RATES (CONTINUED)

1972



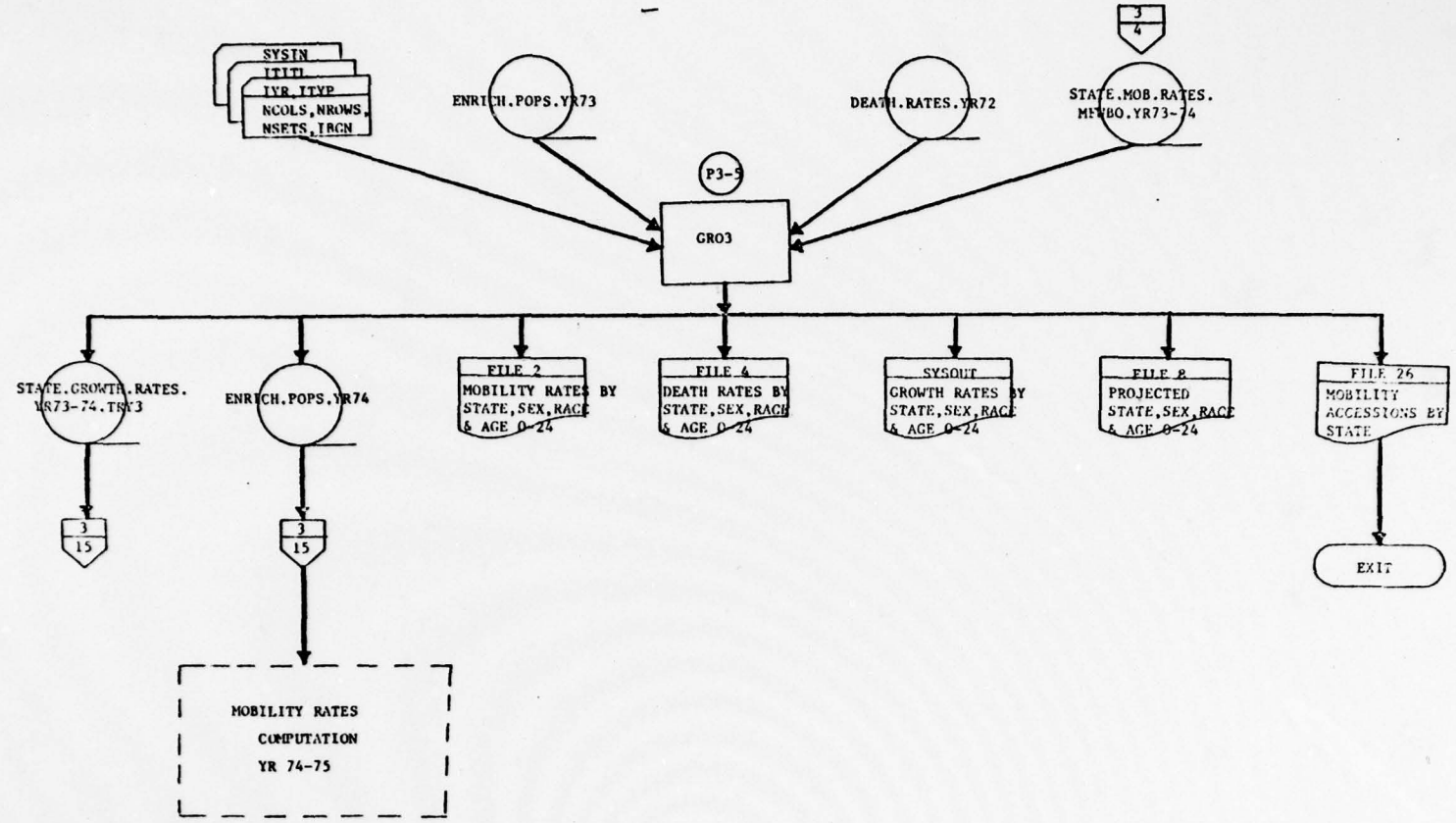
DEVELOPMENT OF GROWTH RATES (CONTINUED)

1973



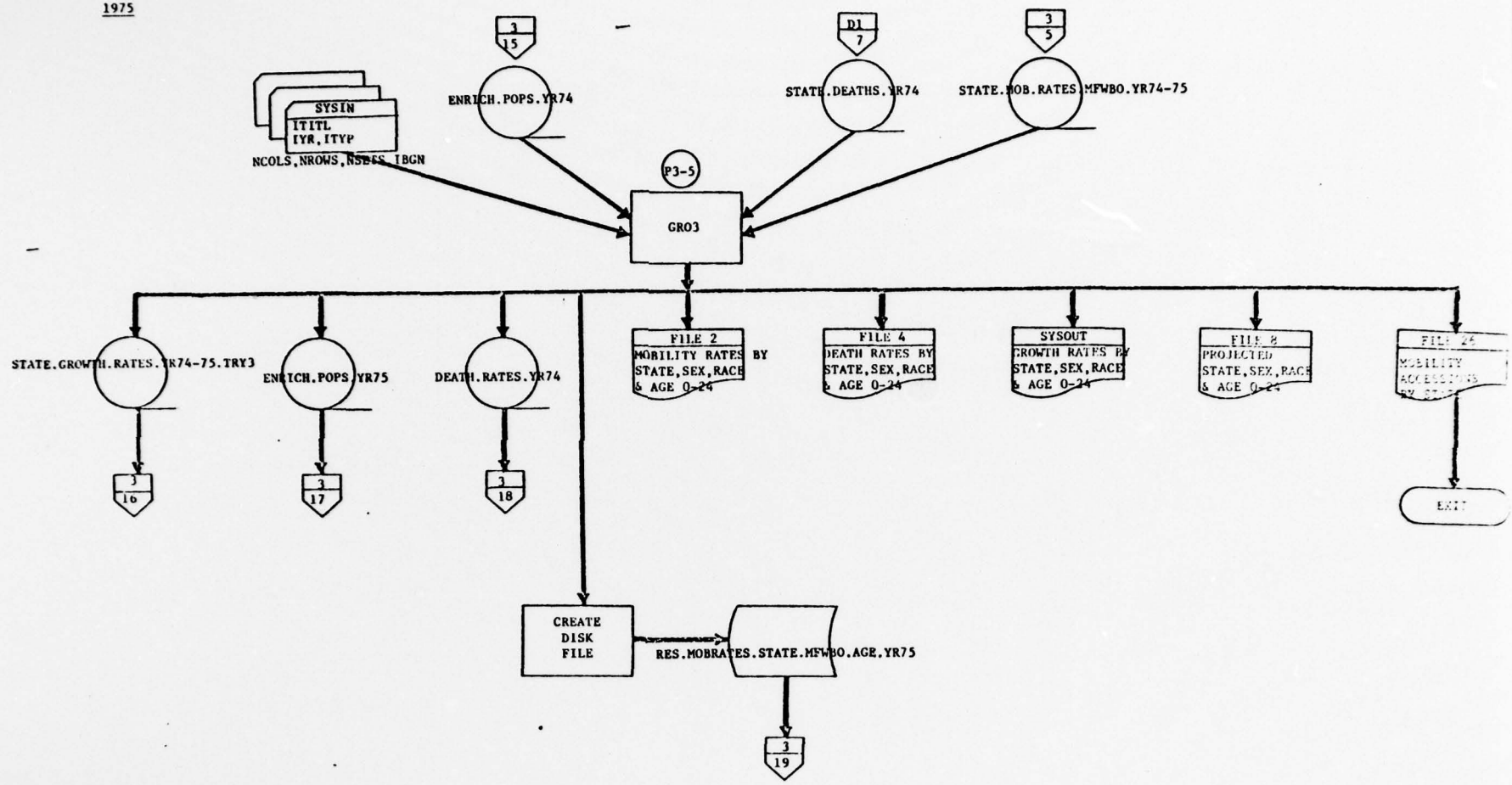
DEVELOPMENT OF GROWTH RATES (CONTINUED)

1974

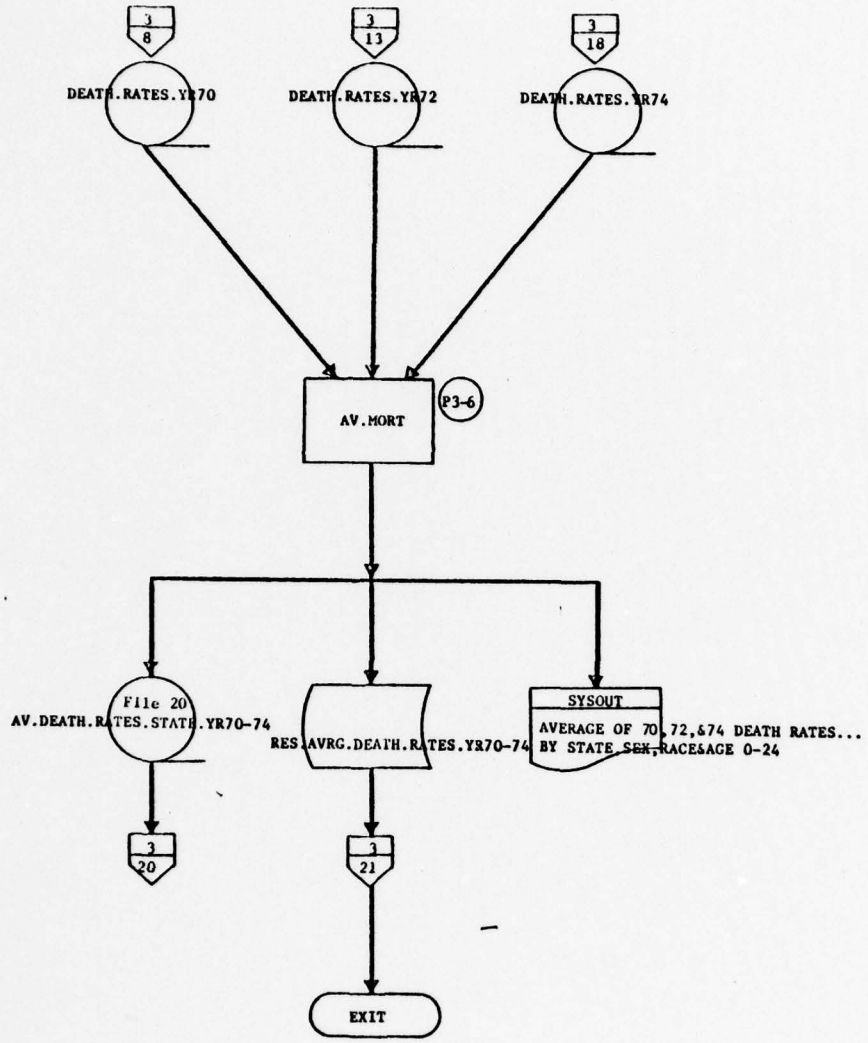


DEVELOPMENT OF GROWTH RATES (CONTINUED)

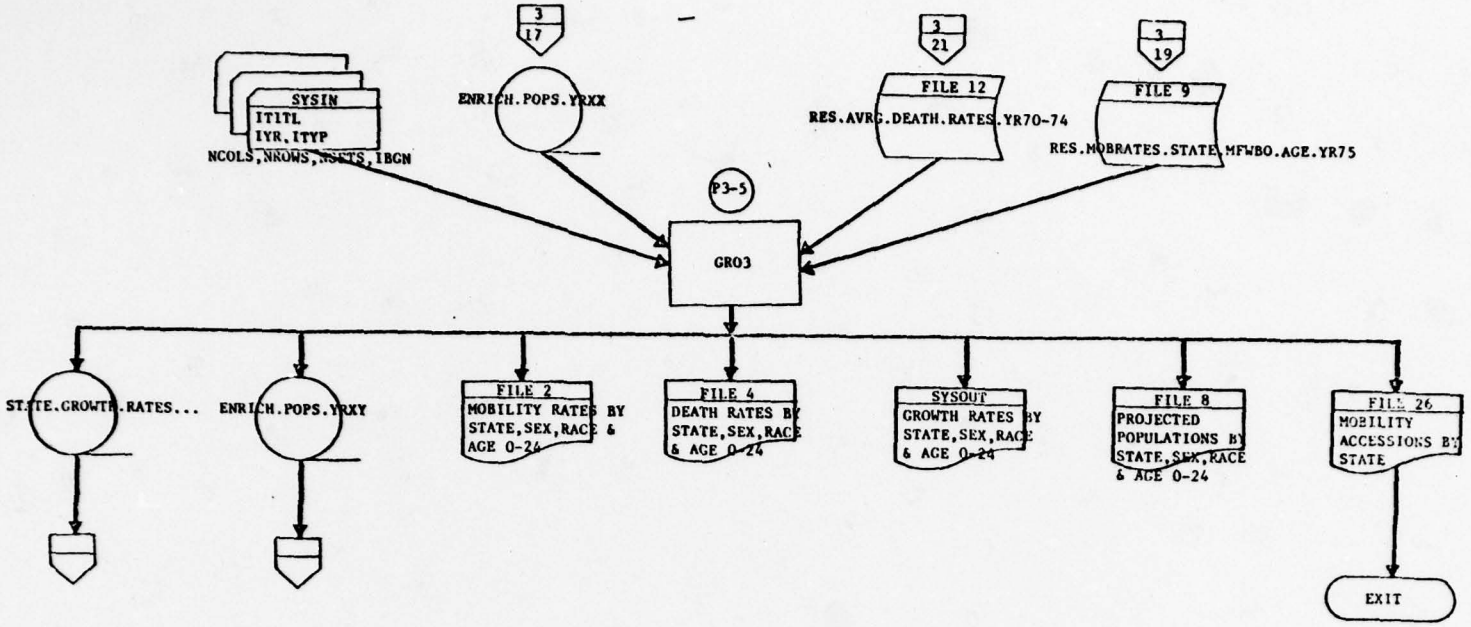
1975



AVERAGE OF DEATH RATES FOR 1970, 1972, 1974

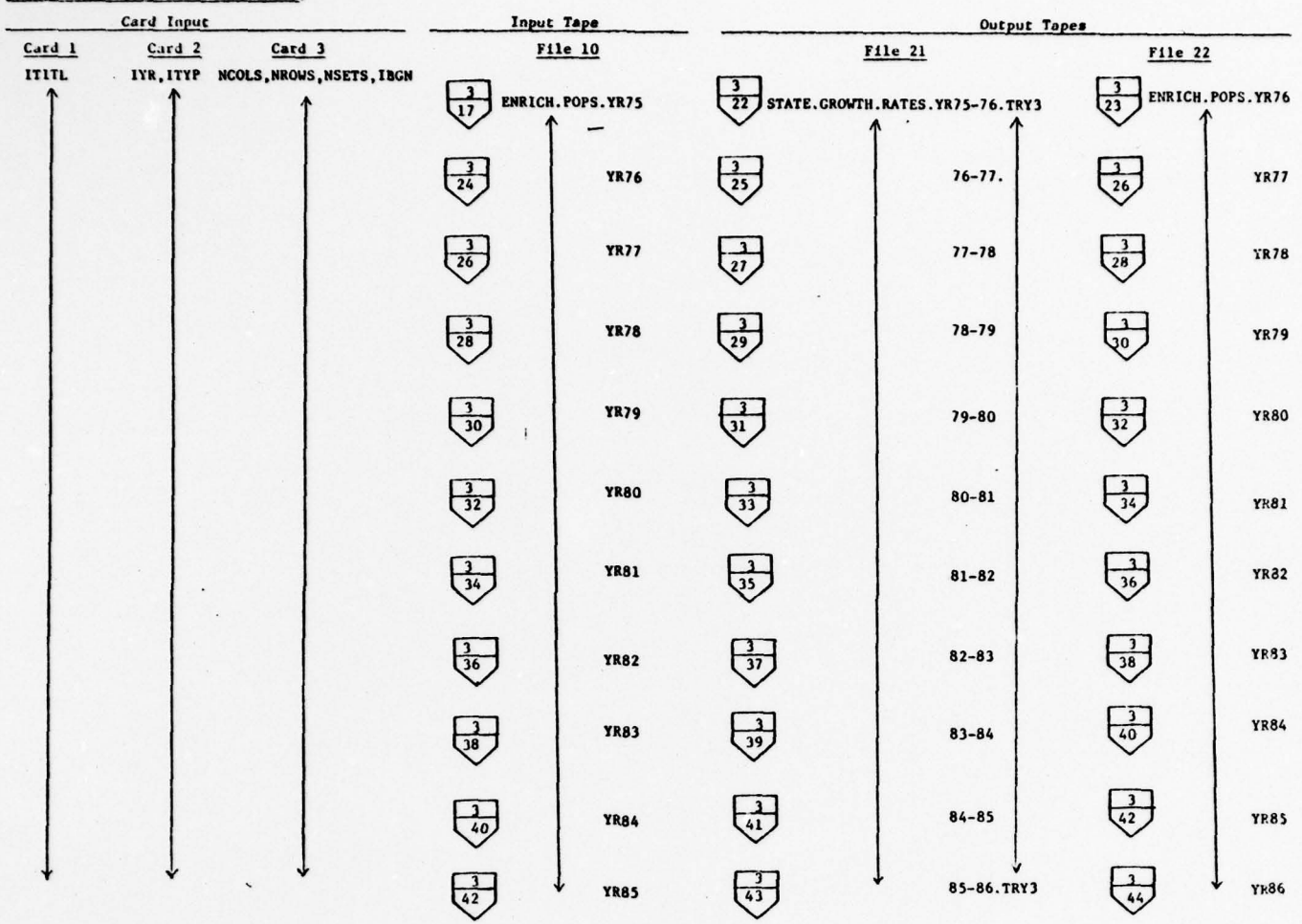


GROWTH RATES 1976-1986



DEVELOPMENT OF GROWTH RATES (CONTINUED)

GROWTH RATES 1976-1986 (continued)



Program name: GRO3	Program ID: P3-5

Purpose:

This program computes growth rates for a particular year by state, sex, race, and ages 0-24 years. It also produces an "aged" population file for the same subcategories. Growth rates for 17-24 yrs only are retained on magnetic tape. Mortality data can be entered either as mortality counts or mortality rates. Mobility data is entered in the form of mobility rates. Output print files include mobility rates, death rates, growth rates and projected populations.

Author: Alison Crews

Computer/OS: IBM 370/Hasp	**Language:** FORTRAN G

Estimated Requirements:

Core: 120 K

Tape Drives: 5

CPU Time: 45 seconds

Disk Drives: 1

Print Lines: 4000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External
INTMOB/MOB/PRTMOB (SOURCE)	FREAD
RDCNT (SOURCE)	FWRITE
MARGNS (SOURCE)	LEAVE
BNSCHI (SOURCE)	

Input Files:

FT09F001	STATE.MOB.RATES.MFWBO.YRXX-XY or RES.MOBRATES.STATE.MFWBO.YR75
FT10F001	ENRICH.STATE.PUS.YR70 or STATE.ENRICH.POPS.YRXX
FT11F001 or FT12F001	STATE.DEATHS.YRXYY DEATH.RATES.YRXX or RES.AVRG.DEATH.RATES.YR70-74
SYSIN	3 data cards

Output Files:

FT02F001	Intermediate results—mobility rates by state,sex,race & age 0-24
FT04F001	" " death " " " " " " " "
SYSOUT	" " growth " " " " " " " "
FT08F001	" " projected pops " " " " " " " "
FT26F001	" " —table of mobility accessions/state
FT21F001	STATE.GROWTH.RATES.YRXX-XY.TRY3
FT22F001	STATE.ENRICH.POPS.YRXY
FT20F001	DEATH.RATES.YRXX (used only when STATE.DEATHS.YRXXXX are input)

Comment: This program is run for every year until data for target year is obtained. See flowcharts for logic of data used during iterations without specific data available.

FILE DOCUMENTATION

PROGRAM: P3-5 GRO3

FILE: SYSIN

IO TYPE: INPUT

FILE TYPE: BCD

DSN:

LRECL: 80

BLKSIZE: 80

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
Card 1		
1 - 80	BCD	TITLE
Card 2		
1 - 5		YEAR OF INPUT DATA
6 - 10		TYPE OF MORTALITY DATA INPUT 1 = ACTUAL NUMBER OF DEATHS ARE INPUT 2 = DEATH RATES ARE INPUT
Card 3		
1 - 5		NUMBER OF COLUMNS REPRESENTING AGE IN ARRAY
6 - 10		NUMBER OF ROWS REPRESENTING RACE IN ARRAY
11 - 15		NUMBER OF SETS REPRESENTING SEX IN ARRAY
16 - 20		YEARS OF ORIGINAL POPULATION DATA BASE

FILE DOCUMENTATION

PROGRAM: P3-5 GR03

FILE: FT09F001 LRECL: 116

IO TYPE: INPUT BLKSIZE: 3480

FILE TYPE: BINARY RECFM: FB

DSN: STATE.MOB.RATES.MFWBO.YR70-71,...STATE.MOB.RATES.MFWBO.YR74-75 or RES.MOBRATES.STATE.MFWBO.YR75

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	INTEGER	FIPS STATE CODE
5 - 8	INTEGER	SEX CODE (1=MALE, 2=FEMALE)
9 - 12	INTEGER	RACE CODE (1=WHITE, 2=BLACK, 3=OTHER)
13 - 16	REAL	MOBILITY RATE FOR LT 1 YR OLD
17 - 20		FOR 1 YR Old
21 - 24		2
25 - 28		3
29 - 32		4
33 - 36		5
37 - 40		6
41 - 44		7
45 - 48		8
49 - 52		9
53 - 56		10
57 - 60		11
61 - 64		12
65 - 68		13
69 - 72		14
73 - 76		15
77 - 80		16
81 - 84		17
85 - 88		18
89 - 92		19
93 - 96		20
97 - 100		21
101 - 104		22
105 - 108		23
109 - 112	REAL	24
113 - 116	ALPHA	SWITCH DENOTING WHETHER A SUB-POPULATION IS LESS THAN 1 OR NUMBER OF MIGRANTS IS ZERO. BLANK = NO *** = YES

FILE DOCUMENTATION

PROGRAM: P3-5 GR03

FILE: FT10F001 LRECL: 112

IO TYPE: INPUT BLKSIZE: 4480

FILE TYPE: BINARY RECFM: FB

DSN: ENRICH.STATE.PUS.YR70 or
STATE.ENRICH.POPS.YR71,...,STATE.ENRICH.POPS.YR86

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	INTEGER	FIPS STATE CODE
5 - 8		SEX CODE (1=MALE, 2=FEMALE)
9 - 12		RACE CODE (1=WHITE, 2=BLACK, 3=OTHER)
13 - 16		POPULATION COUNT FOR LT 1 YR OLD
17 - 20		FOR 1 YR OLD
21 - 24		2
25 - 28		3
29 - 32		4
33 - 36		5
37 - 40		6
41 - 44		7
45 - 48		8
49 - 52		9
53 - 56		10
57 - 60		11
61 - 64		12
65 - 68		13
69 - 72		14
73 - 76		15
77 - 80		16
81 - 84		17
85 - 88		18
89 - 92		19
93 - 96		20
97 - 100		21
101 - 104		22
105 - 108		23
109 - 112		24

FILE DOCUMENTATION

PROGRAM: P3-5 GRO3

FILE: FT11F001

IO TYPE: INPUT

FILE TYPE: BINARY

LRECL: 48

BLKSIZE: 7200

RECFM: FB

DSN: STATE.DEATHS.YR1970,STATE.DEATHS.YR1972,STATE.DEATHS.YR1974

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	INTEGER	FIPS STATE CODE
5 - 8		SEX CODE (1=MALE, 2=FEMALE)
9 - 12		RACE CODE (1=WHITE,2=BLACK,3=OTHER)
13 - 16		NUMBER OF DEATHS FOR AGE LT 1 YR
17 - 20		FOR AGE 1 YR
21 - 24		2
25 - 28		3
29 - 32		4
33 - 36		5-9
37 - 40		10-14
41 - 44		15-19
45 - 48		20-24

FILE DOCUMENTATION

PROGRAM: P3-5 GR03

FILE: FT12F001

IO TYPE: INPUT

FILE TYPE: BINARY

LRECL: 112

BLKSIZE: 4480

RECFM: FB

DSN: DEATH.RATES.YR70,DEATH.RATES.YR72,DEATH.RATES.YR74

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	INTEGER	FIPS STATE CODE
5 - 8	INTEGER	SEX CODE (1=MALE,2=FEMALE)
9 - 12	INTEGER	RACE CODE (1=WHITE,2=BLACK,3=OTHER)
13 - 16	REAL	DEATH RATE FOR LT 1 YR OLD
17 - 20		FOR 1 YR
21 - 24		2
25 - 28		3
29 - 32		4
33 - 36		5
37 - 40		6
41 - 44		7
45 - 48		8
49 - 52		9
53 - 56		10
57 - 60		11
61 - 64		12
65 - 68		13
69 - 72		14
73 - 76		15
77 - 80		16
81 - 84		17
85 - 88		18
89 - 92		19
93 - 96		20
97 - 100		21
101 - 104		22
105 - 108		23
109 - 112		24

FILE DOCUMENTATION

PROGRAM: P3-5 GR03

FILE: FT20F001 LRECL: 112

IO TYPE: OUTPUT BLKSIZE: 4480

FILE TYPE: BINARY RECFM: FB

DSN: DEATH.RATES.YR70,DEATH.RATES.YR72,DEATH.RATES.YR74

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	INTEGER	FIPS STATE CODE
5 - 8	INTEGER	SEX CODE (1=MALE, 2=FEMALE)
9 - 12	INTEGER	RACE CODE (1=WHITE, 2=BLACK, 3=OTHER)
13 - 16	REAL	DEATH RATE FOR LT 1 YR OLD
17 - 20		FOR 1 YR OLD
21 - 24		2
25 - 28		3
29 - 32		4
33 - 36		5
37 - 40		6
41 - 44		7
45 - 48		8
49 - 52		9
53 - 56		10
57 - 60		11
61 - 64		12
65 - 68		13
69 - 72		14
73 - 76		15
77 - 80		16
81 - 84		17
85 - 88		18
89 - 92		19
93 - 96		20
97 - 100		21
101 - 104		22
105 - 108		23
109 - 112		24

FILE DOCUMENTATION

PROGRAM: P3-5 GRO3

FILE: FT21F001 LRECL: 44

IO TYPE: OUTPUT BLKSIZE: 2640

FILE TYPE: BINARY RECFM: FB

DSN: STATE.GROWTH.RATES.YR74-75.TRY3

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	INTEGER	FIPS STATE CODE
5 - 8	INTEGER	SEX CODE (1=MALE,2=FEMALE)
9 - 12	INTEGER	RACE CODE (1=WHITE,2=BLACK,3=OTHER)
13 - 16	REAL	GROWTH RATE FOR 17 YR OLD
17 - 20		18
21 - 24		19
25 - 28		20
29 - 32		21
33 - 36		22
37 - 40		23
41 - 44		24

FILE DOCUMENTATION

PROGRAM: P3-5 GR03

FILE: FT22F001 LRECL: 112

IO TYPE: OUTPUT BLKSIZE: 4480

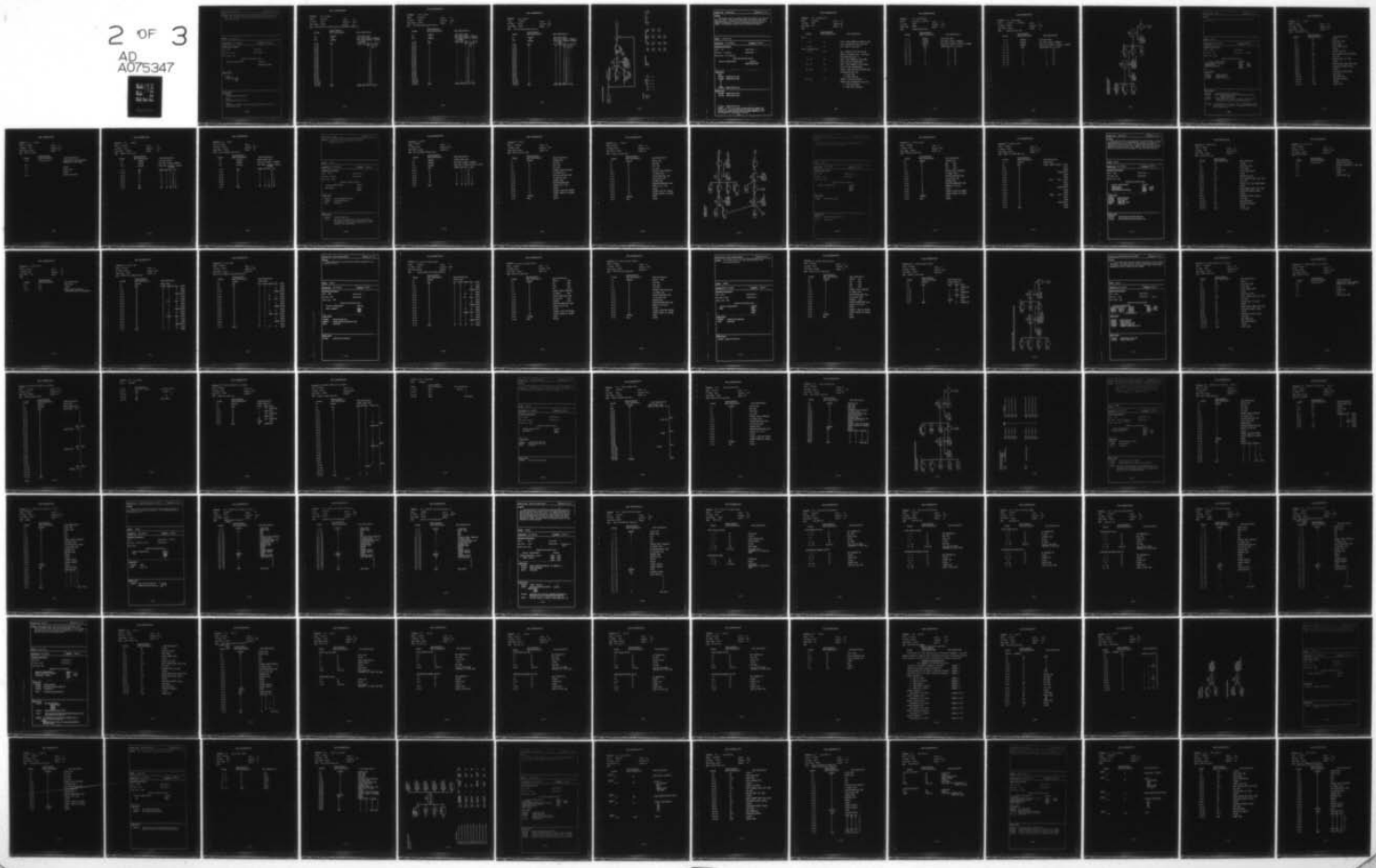
FILE TYPE: BINARY RECFM: FB

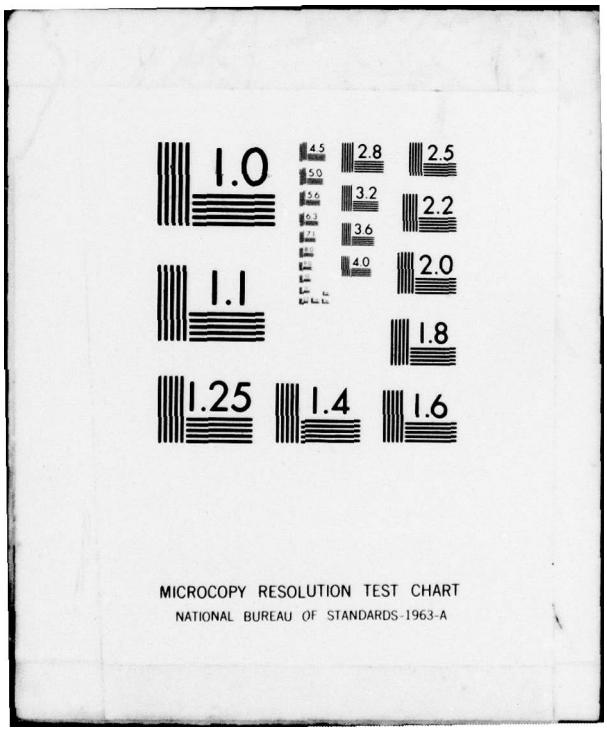
DSN: STATE.ENRICH.POPS.YR71,...,STATE.ENRICH.POPS.YR86

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	INTEGER	FIPS STATE CODE
5 - 8		SEX CODE (1=MALE,2=FEMALE)
9 - 12		RACE CODE (1=WHITE,2=BLACK,3=OTHER)
13 - 16		POPULATION COUNT FOR LT 1 YR OLD
17 - 20		FOR 1 YR OLD
21 - 24		2
25 - 28		3
29 - 32		4
33 - 36		5
37 - 40		6
41 - 44		7
45 - 48		8
49 - 52		9
53 - 56		10
57 - 60		11
61 - 64		12
65 - 68		13
69 - 72		14
73 - 76		15
77 - 80		16
81 - 84		17
85 - 88		18
89 - 92		19
93 - 96		20
97 - 100		21
101 - 104		22
105 - 108		23
109 - 112		24

AD-A075 347 GENERAL RESEARCH CORP MCLEAN VA F/G 15/5
THE QUALIFIED MILITARY AVAILABLE PROJECTION SYSTEM. VOLUME II. --ETC(U)
SEP 78 D F HUCK, A CREWS, G P SICA MDA903-75-C-0204
UNCLASSIFIED GRC-CR-224-VOL-2 NL

2 OF 3
AD
A075347




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
5.6
6.3
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

Program name: AV.MORT	Program ID: P3-6

Purpose: This program computes average death rates from the death rates of 1970, 1972, and 1974. Computation is by state, sex, race and age0-24 years. The average rates are stored on magnetic tape and disk as well as listed on sysout.

Author: Alison Crews

Computer/OS: IBM 370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 96K

Tape Drives: 2

CPU Time: 15 sec

Disk Drives: 1

Print Lines: 620

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)

External

FREAD/FWRITE/LEAVE

Input Files:

FT11F001
DEATH.RATES.YR70
" " YR72
" " YR74

Output Files:

FT20F001
AV.DEATH.RATES.STATE.YR70-74

FT21F001
RES.AVRG.DEATH.RATES.YR70-74

SYSOUT
INTERMEDIATE RESULTS - LIST OF AVERAGE DEATH RATES BY STATE, SEX, RACE, AND AGE 0-24

FILE DOCUMENTATION

PROGRAM: P3-6 AV.MORT

FILE: FT11F001 LRECL: 112

IO TYPE: INPUT BLKSIZE: 4480

FILE TYPE: BINARY RECFM: FB

DSN: DEATH.RATES.YR70,DEATH.RATES.YR72,DEATH.RATES.YR74

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-4	INTEGER	FIPS STATE CODE
5-8	↕	SEX CODE(1=MALE, 2=FEMALE)
9-12	INTEGER	RACE CODE(1=WHITE, 2=BLACK 3=OTHER)
13-16	REAL	DEATH RATE FOR LT 1 YR OLD
17-20	↑	FOR 1 YR OLD
21-24	↑	2 YR
25-28	↑	3
29-32	↑	4
33-36	↑	5
37-40	↑	6
41-44	↑	7
45-48	↑	8
49-52	↑	9
53-56	↑	10
57-60	↑	11
61-64	↑	12
65-68	↑	13
69-72	↑	14
73-76	↑	15
77-80	↑	16
81-84	↑	17
85-88	↑	18
88-92	↑	19
93-96	↑	20
97-100	↑	21
101-104	↑	22
105-108	↓	23
109-112	REAL	DEATH RATE FOR 24 YR OLD

FILE DOCUMENTATION

PROGRAM: P3-6 AV.MORT

FILE: FT20F001 LRECL: 112

IO TYPE: OUTPUT BLKSIZE: 4480

FILE TYPE: BINARY RECFM: FB

DSN: AV.DEATH.RATES.STATE.YR70-74

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-4	INTEGER	FIPS STATE CODE
5-8		SEX CODE(1=MALE, 2=FEMALE)
9-12	INTEGER	RACE CODE(1=WHITE, 2=BLACK, 3=OTHER)
13-16	REAL	DEATH RATE FOR LT 1 YR OLD
17-20		FOR 1 YR OLD
21-24		2 YR
25-28		3
29-32		4
33-36		5
37-40		6
41-44		7
45-48		8
49-52		9
53-56		10
57-60		11
61-64		12
65-68		13
69-72		14
73-76		15
77-80		16
81-84		17
85-88		18
89-92		19
93-96		20
97-100		21
101-104		22
105-108		23
109-112	REAL	DEATH RATE FOR 24 YR OLD

FILE DOCUMENTATION

PROGRAM: P3-6 AV.MORT

FILE: FT21F001 LRECL: 112

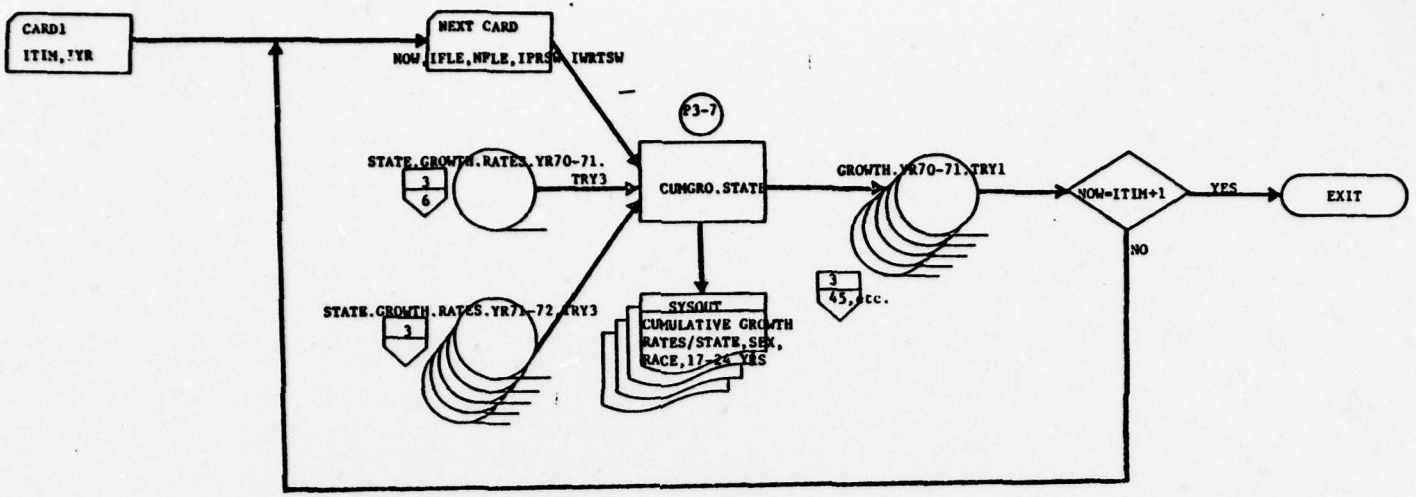
IO TYPE: OUTPUT BLKSIZE: 4480

FILE TYPE: BINARY RECFM: FB

DSN: RES.AVRG.DEATH.RATES.YR70-74

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-4	INTEGER	FIPS STATE CODE
5-8	↕	SEX CODE (1=MALE, 2=FEMALE)
9-12	INTEGER	RACE CODE (1=WHITE, 2=BLACK, 3=OTHER)
13-16	REAL	DEATH RATE FOR LT 1 YR OLD
17-20		FOR 1 YR OLD
21-24		2 YR
25-28		3
29-32		4
33-36		5
37-40		6
41-44		7
45-48		8
49-52		9
53-56		10
57-60		11
61-64		12
65-68		13
69-72		14
73-76		15
77-80		16
81-84		17
85-88		18
89-92		19
93-96		20
97-100		21
101-104		22
105-108		23
109-112	REAL	DEATH RATE FOR 24 YR OLD

CUMULATIVE STATE GROWTH RATES



Input Cards

Card 1

ITIM, IYR
15 1970

Next Card

NOW	IFLE	NFLE	IPRSW	IWRTSW
2				
3				
.				
.				
.				
15				

Base Growth Rates

3/6

Subsequent Growth Rates

3/9, 3/22, 3/31, 3/39

3/11, 3/25, 3/33, 3/41

3/14, 3/27, 3/35, 3/43

3/16, 3/29, 3/37

Cumulative Growth Rates

3/45 70-86 through 3/69

Program name: CUMGRO.STATE	Program ID: P3-7

Purpose:

This program creates a cumulative growth rate by state, sex, race and ages 17-24 years. Using 1970-71 growth rates as the base, accumulation by multiplication is carried out until growth rates for the target year have been incorporated. Printing of intermediate results may be by-passed. Final cumulative growth rates for 1970-19YY are listed.

Author: Alison Crews

Computer/OS: IBM 370/Hasp	Language: FORTRAN G

Estimated Requirements:

Core: 96 Tape Drives: 2

CPU Time: 25 seconds Disk Drives: 1

Print Lines: 615 lines/year

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External
	FREAD/LEAVE/FWRITE

Input Files:

SYSIN

FT10F001 GROWTH.YR70-71.TRY1

FT11F001 GROWTH.YR71-72.TRY1



FT20F001 GROWTH.YRXX-YY.TRY1

Output Files:

FT21F001 GROWTH.YR70-72.TRY1

FT22F001 GROWTH.YR70-73.TRY1

FT31F001 GROWTH.YR70-YY.TRY1

Comment: As JCL is now set up, accumulations only through 1981 can be done. If more accumulations are desired the input, output DD must be changed, bearing in mind that FREAD, FWRITE, etc., do not recognize file names greater than FT49.

FILE DOCUMENTATION

PROGRAM: P3-7 CUMGRO.STATE

FILE: FT05F001 LRECL: 80

IO TYPE: INPUT BLKSIZE: 80

FILE TYPE: BCD RECFM: FB

DSN:

Column	Format(EBCDIC) Data Type(Binary)	Data Description
Card 1		
1 - 5	I5	ITIM - TOTAL NUMBER OF YEARS OF DATA TO BE ACCUMULATED PAST BASE FILE
6 - 10	I5	IYR - YEAR OF BASE DATA
Card 2 through ITIM		
1 - 5	I5	NOW - INDEX FOR NTH SET OF DATA ADDED TO ORIGINAL BASE. THE FIRST FILE ADDED HAS NOW = 2
6 - 10	I5	IFLE - FILE NUMBER OF TAPE INPUT FILE FOR THIS ACCUMULATION.
11 - 15	I5	NFLE - FILE NUMBER OF TAPE OUTPUT FILE FOR THIS ACCUMULATION
16 - 20	I5	IPRSW - PRINT SWITCH FOR GROWTH RATE ACCUMULATION THUS FAR 1 = PRINT DONE 2 = PRINT BYPASSED
21 - 25	I5	IWRTSW - TAPE WRITE SWITCH GROWTH RATE ACCUMULATION THIS FAR 1 = TAPE WRITE DONE 2 = TAPE WRITE BYPASSED

FILE DOCUMENTATION

PROGRAM:	P3-7 CUMGRO.STATE		
FILE:	FT10F001,...FTYYF001	LRECL:	44
IO TYPE:	INPUT	BLKSIZE:	2640
FILE TYPE:	BINARY	RECFM:	FB
DSN:	GROWTH.YRXX-YY.TRY1		

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	INTEGER	FIPS STATE CODE
5 - 8	INTEGER	SEX CODE (1=MALE, 2=FEMALE)
9 - 12	INTEGER	RACE CODE (1=WHITE, 2=BLACK, 3=OTHER)
13 - 16	REAL	GROWTH RATE FOR 17 YR OLD
17 - 20	↕	18
21 - 24	↕	19
25 - 28	↕	20
29 - 32	↕	21
33 - 36	↕	22
37 - 40	↕	23
41 - 44	↕	24

FILE DOCUMENTATION

PROGRAM: P3-7 CUMGRO.STATE

FILE: FT21F001,....,FTZZF001 **LRECL:** 44

IO TYPE: OUTPUT **BLKSIZE:** 2640

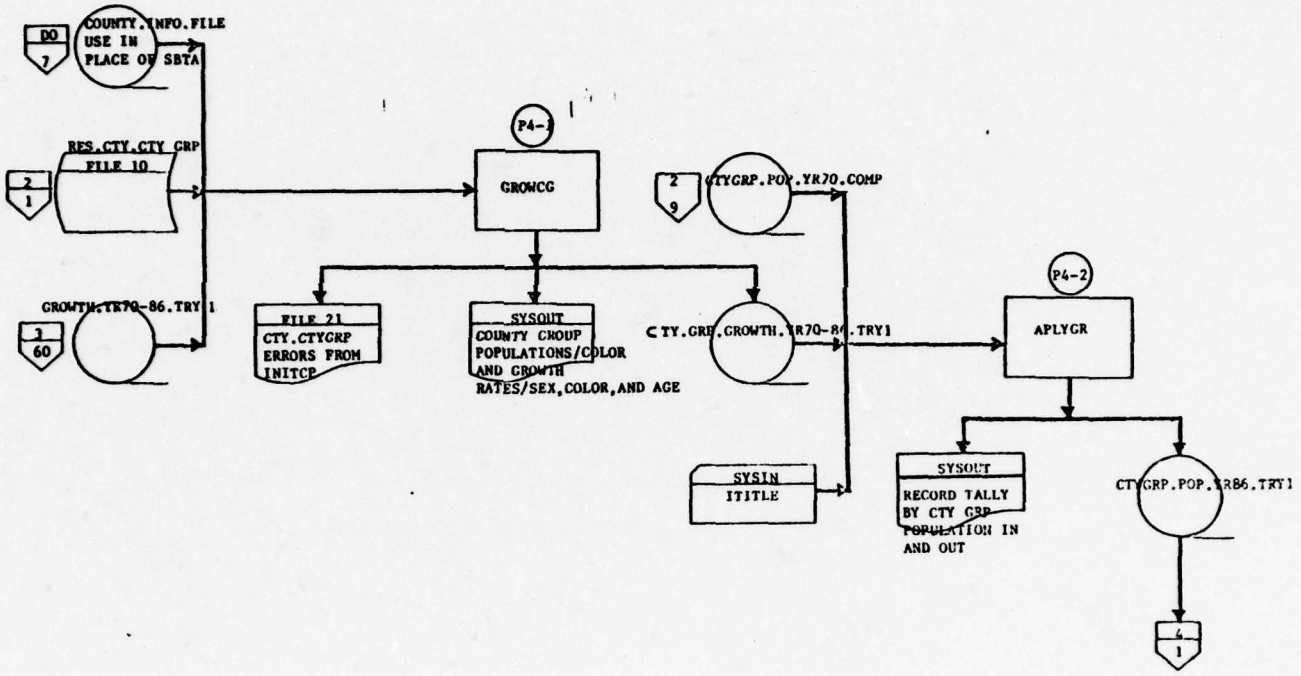
FILE TYPE: BINARY **RECFM:** FB

DSN: GROWTH.YR70-YY.TRY1

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	INTEGER	FIPS STATE CODE
5 - 8	INTEGER	SEX CODE (1=MALE, 2=FEMALE)
9 - 12	INTEGER	RACE CODE (1=WHITE, 2=BLACK, 3=OTHER)
13 - 16	REAL	GROWTH RATE FOR 17 YR OLD
17 - 20	↓	18
21 - 24	↓	19
25 - 28	↓	20
29 - 32	↓	21
33 - 36	↓	22
37 - 40	↓	23
41 - 44	↓	24

DEVELOPMENT OF MA FILE FOR 1986

AGE COUNTY GROUP PUS EXTRACT



Program name: GROWCG	Program ID: P4-1

Purpose:

This program weights the state growth rates to give county group growth rates.

Author: Unknown

Computer/OS: IBM 370/HASP	**Language:** FORTRAN G

Estimated Requirements:

Core: 120K

Tape Drives: 3

CPU Time: 2 MIN

Disk Drives: 1 (2314)

Print Lines: 4000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External	
INITCP/CPOPSG/PRTCP(SOURCE)	FREAD	LEAVE
RDCNTY(SOURCE)	FWRITE	DREAD
UPDATE/RECALL(SOURCE)	LISTI	DWRITE
	BNSCHI	

Input Files:

FT09F001	COUNTY.INFO.FILE*
FT10F001	RES.CTY.CTYGRP
FT11F001	GROWTH.YR70-86.TRY1

Output Files:

FT21F001	PRINT FILE-ERROR FILE FOR INITCP
FT49F001	&ACCUM RANDOM ACCESS FILE USED TO ACCUMULATE DATA FOR THE ENTIRE COUNTY-GROUP
FT20F001	CTY.GRP.GROWTH.YR70-86.TRY1
SYSOUT	THIS FILE CONTAINS A TABLE OF THE COUNTY GROUP POPULATION COUNTS AND A TABLE OF THE COMPUTED GROWTH RATES

*COMMENT: USE COUNTY.INFO.FILE IN PLACE OF SBTA. THIS REQUIRES A CHANGE IN THE LRECL TO 140. THE FIRST 120 CHARACTERS OF COUNTY.INFO. FILE ARE THE SBTA DATA.

FILE DOCUMENTATION

PROGRAM: P4-1 GROWCG

FILE: FT09F001 LRECL: 140

IO TYPE: INPUT BLKSIZE: 7000

FILE TYPE: EBCDIC RECFM: FB

DSN: COUNTY.INFO.FILE

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	2X	FILLER
3-4	I2	FIPS STATE CODE
5-21	17A1	STATE NAME
22-23	A2	STATE ABBREVIATION
24-27	4X	FILLER
28-30	I3	COUNTY FIPS CODE
31-62	32A1	BASIC TRADING AREA (BTA)NAME
63-66	I4	BTA CODE
67-70	A4	TRADING AREA (TA) ABBR
71-72	2X	FILLER
73-75	I3	MAJOR TRADING AREA (MTA) CODE
76-85	I10	POPULATION COUNTS (TOTAL)
86-87	2X	FILLER
88-94	I7	POPULATION COUNTS(BLACK)
95-103	I8	LAND AREA
104-112	I9	QMA POPULATION
113-120	F8.2	POPULATION DENSITY
121-122	2X	FILLER
123-140	18A1	COUNTY NAME

FILE DOCUMENTATION

PROGRAM: P4-1 GROWCG

FILE: FT10F001

IO TYPE: INPUT

FILE TYPE: EBCDIC

DSN: RES.CTY.CTYGRP

LRECL: 80

BLKSIZE: 7200

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-70	5(3X,I5,1X,I5)	COUNTY-COUNTY GROUP MAPPINGS (MAXIMUM OF 5 PER CARD)
e.g.		
1-3		FILLER
4-8		COUNTY CODE
9		FILLER
10-14		COUNTY GROUP CODE

FILE DOCUMENTATION

PROGRAM: P4-1 GROWCG

FILE: FT11F001

IO TYPE: INPUT

FILE TYPE: BINARY

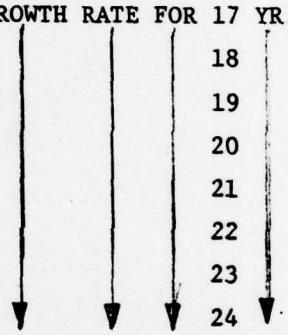
DSN: GROWTH.YR70-86.TRY1

LRECL: 44

BLKSIZE: 2640

RECFM: FB

Column	Format (EBCDIC) Data Type (Binary)	Data Description
1-4	INTEGER	FIPS STATE CODE
5-8	INTEGER	SEX CODE (1=MALE, 2=FEMALE)
9-12	INTEGER	RACE CODE (1=WHITE, 2=BLACK, 3=OTHER)
13-16	REAL	GROWTH RATE FOR 17 YR.
17-20		18
21-24		19
25-28		20
29-32		21
33-36		22
37-40		23
41-44	REAL	24



FILE DOCUMENTATION

PROGRAM: P4-1 GROWCG

FILE: FT20F001 LRECL: 44

IO TYPE: OUTPUT BLKSIZE: 2640

FILE TYPE: BINARY RECFM: FB

DSN: CTY.GRP.GROWTH.YR70-86.TRY1

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-4	INTEGER	COUNTY GROUP CODE
5-8	INTEGER	SEX CODE (1=MALE, 2=FEMALE)
9-12	INTEGER	RACE CODE (1=WHITE, 2=BLACK, 3=OTHER)
13-16	REAL	GROWTH RATE FOR 17-YR.
17-20		18
21-24		19
25-28		20
29-32		21
33-36		22
37-40		23
41-44	REAL	24

Program name: APLYGR	Program ID: P4-2

Purpose: This program applies the county group cumulative growth rates to the base population to give the projected population.

Author: Unknown

Computer/OS: IBM 370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 100 K

Tape Drives: 3

CPU Time: 2 minutes

Disk Drives: 1

Print Lines: 1000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External
GRWTH(SOURCE)	FREAD
	FWRITE

Input Files:

FT09F001	CTY.GRP.GROWTH.YR70-86.TRY1
FT10F001	CTYGRP.POP.YR70.COMP
SYSIN	TITLE CARD

Output Files:

FT20F001	CTYGRP.POP.YR86.TRY1
SYSOUT	This file lists summary data for the run including the number of records for each county group, the number of records read, the number of records written, input population, and minimum weight.

FILE DOCUMENTATION

PROGRAM: P4-2 APLYGR

FILE: FT09F001

IO TYPE: INPUT

FILE TYPE: BINARY

DSN: CTY.GRP.GROWTH.YR70-86.TRY1

LRECL: 44

BLKSIZE: 2640

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-4	INTEGER	COUNTY GROUP CODE
5-8	INTEGER	SEX CODE (1=MALE, 2=FEMALE)
9-12	INTEGER	RACE CODE (1=WHITE, 2=BLACK, 3=OTH)
13-16	REAL	GROWTH RATE FOR 17 YEAR
17-20		18
21-24		19
25-28		20
29-32		21
33-36		22
37-40		23
41-44	REAL	24

FILE DOCUMENTATION

PROGRAM: P4-2 APLYGR

FILE: FT10F001 LRECL: 40

IO TYPE: INPUT BLKSIZE: 7200

FILE TYPE: BINARY RECFM: FB

DSN: CTYGRP.POP.YR70.TRY1

Column	Format (EBCDIC) Data Type (Binary)	Data Description
1-2	INTEGER	REGION CODE
3-4		SEX CODE
5-6		RACE CODE
7-8		AGE CODE
9-10		HIGHEST GRADE COMPLETED
11-12		IN SCHOOL CODE
13-14		INSTITUTIONALIZED CODE
15-16		IN MILITARY CODE
17-18		VETERAN CODE
19-20		EMPLOYED/UNEMPLOYED
21-22		SAMPLE (5% or 15%)
23-24		FILLER
25-28		INCOME (# WHO HAD INCOME)
29-32		INCOME (AMOUNT OF INCOME)
33-36	INTEGER	COUNT
37-40	REAL	WEIGHT

FILE DOCUMENTATION

PROGRAM: P4-2 APLYGR

FILE: FT20F001 LRECL: 40

IO TYPE: OUTPUT BLKSIZE: 7200

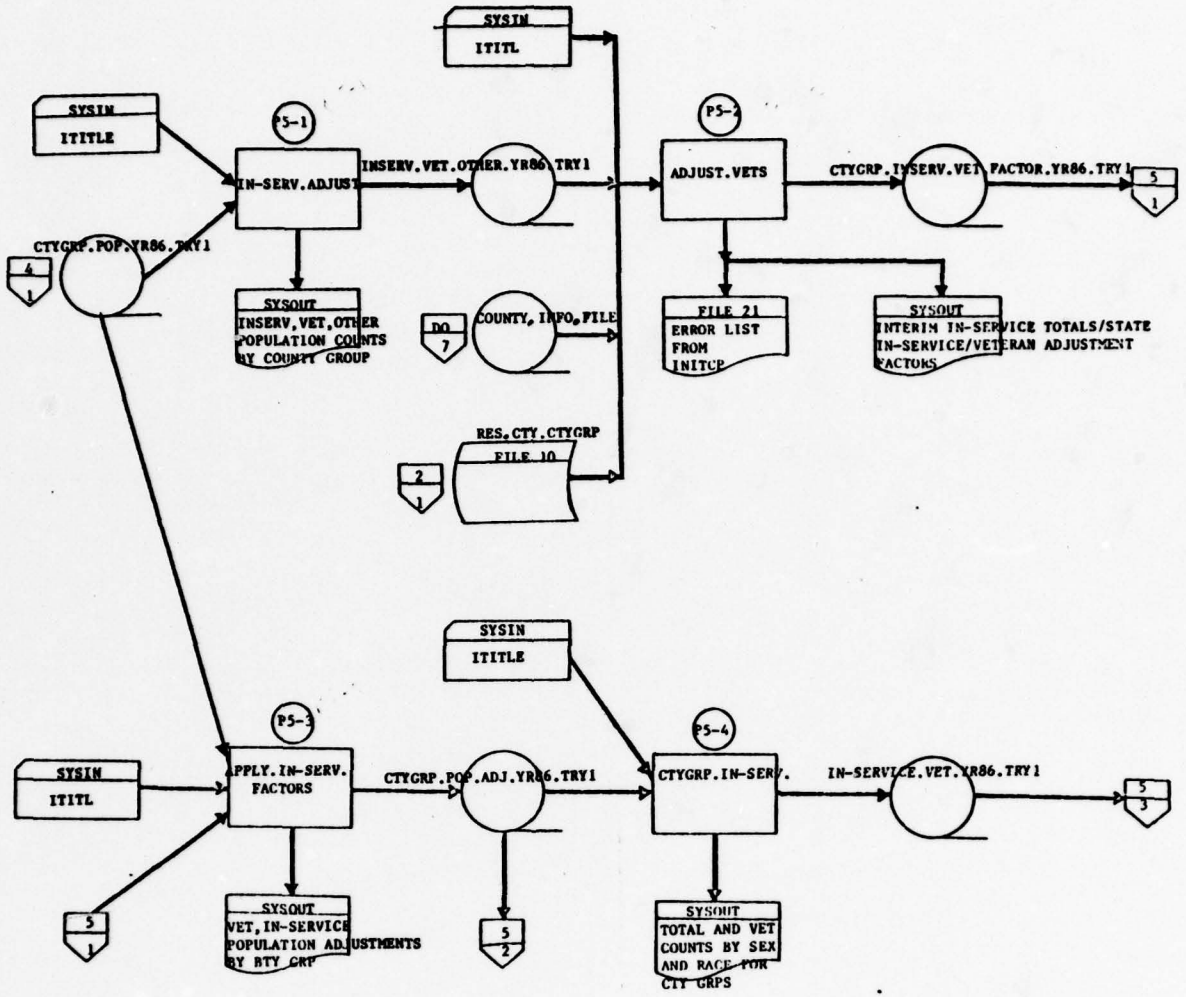
FILE TYPE: BINARY RECFM: FB

DSN: CTGGRP.POP.YR86.TRY1

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	INTEGER	REGION CODE
3-4		SEX CODE
5-6		RACE CODE
7-8		AGE CODE
9-10		HIGHEST GRADE COMPLETED
11-12		IN SCHOOL CODE
13-14		INSITUTIONALIZED CODE
15-16		IN MILITARY CODE
17-18		VETERAN CODE
19-20		EMPLOYED/UNEMPLOYED CODE
21-22		SAMPLE (5% or 15%)
23-24		FILLER
25-28		INCOME(# WHO HAD INCOME)
29-32		INCOME (AMOUNT OF INCOME)
33-36	INTEGER	COUNT
37-40	REAL	WEIGHT

DEVELOPMENT OF QMA FILE

VETERANS ADJUSTMENT



Program name: L-SERV.ADJUST	Program ID: P5-1

Purpose:

This program extracts counts for inservice, veteran, and other by county group, race, and sex. The counts are written on tape and a summary table is also printed for reference.

Author: Unknown

Computer/OS: IBM 370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 100K

Tape Drives: 2

CPU Time: 1 MIN

Disk Drives: 1

Print Lines: \1000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External
	FREAD
	FWRITE
	LEAVE

Input Files:

FT10F001	CTYGRP.POP.YR86.TRY1

Output Files:

FT20F001	INSERV.VET.OTHER.YR86.TRY1
SYSOUT	SUMMARY FILE

FILE DOCUMENTATION

PROGRAM: P5-1 IN-SERV.ADJUST

FILE: FT10F001

IO TYPE: INPUT

FILE TYPE: BINARY

DSN: CTYGRP.POP.YR86.TRY1

LRECL: 40

BLKSIZE: 7200

RECFM: FB

Column	Format (EBCDIC) Data Type (Binary)	Data Description
1-2	INTEGER	REGION CODE
3-4		SEX CODE
5-6		RACE CODE
7-8		AGE CODE
9-10		HIGHEST GRADE COMPLETED
11-12		IN SCHOOL CODE
13-14		INSTITUTIONALIZED CODE
15-16		IN MILITARY CODE
17-18		VETERAN CODE
19-20		EMPLOYED/UNEMPLOYED CODE
21-22		SAMPLE (5% OR 15%)
23-24		FILLER
25-28		INCOME (# WHO HAD INCOME)
29-32		INCOME (AMOUNT OF INCOME)
33-36	INTEGER	COUNT
37-40	REAL	WEIGHT

FILE DOCUMENTATION

PROGRAM: P5-1 INSERV.ADJUST

FILE: FT20F001

IO TYPE: OUTPUT

FILE TYPE: BINARY

DSN: INSERV.VET.OTHER.YR86.TRY1

LRECL: 76

BLKSIZE: 7600

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description		
1-4	INTEGER	REGION CODE		
5-8	REAL	COUNTS INSERVICE	MALE	WHITE
9-12				BLACK
13-16				OTHER
17-20			FEMALE	WHITE
21-24				BLACK
25-28				OTHER
29-32		VETS	MALE	WHITE
33-36				BLACK
37-40				OTHER
41-44			FEMALE	WHITE
45-48				BLACK
49-52				OTHER
53-56		OTHER	MALE	WHITE
57-60				BLACK
61-64				OTHER
65-68			FEMALE	WHITE
69-72				BLACK
73-76	REAL			OTHER

Program name: ADJUST.VETS	Program ID: P5-2

Purpose:

This program converts state marginals to fit county groups. It adjusts current population to fit several marginals. Finally, it computes adjustment factors for each county group. The printed output includes the adjusted in-service totals by state, a summary from the marginal adjustment routine, and finally, a table of the counts for in-service, veterans, and other, both before and after adjustment by race, sex, and county group.

Author: Unknown

Computer/OS: IBM 370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 100K

Tape Drives: 2

CPU Time: 2 MIN

Disk Drives: 1

Print Lines: 4000

Subroutine name/entry/entry.

Internal (SOURCE/OBJECT)	External	
RDCNTY(SOURCE)	LISTI	REWIND
ADJMRG(SOURCE)	BNSCHI	FWRITE
INITCP/CPOPSG/PRTCP(SOURCE)	SORTIX	LEAVE
	FREAD	

Input Files:

FT09F001	COUNTY.INFO.FILE
FT10F001	RES.CTY.CTYGRP
FT11F001	CARD INPUT
FT12F001	INSERV.VET.OTHER
SYSIN	TITLE CARD

Output Files:

FT20F001	CTYGRP.INSERV.VET.FACTOR.YR86.TRY1
FT21F001	ERROR MESSAGES FROM INITCP(PRINT FILE)

FILE DOCUMENTATION

PROGRAM: P5-2 ADJUST.VETS

FILE: FT09F001

IO TYPE: INPUT

FILE TYPE: EBCDIC

DSN: COUNTY.INFO.FILE

LRECL: 140

BLKSIZE: 7000

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	2X	FILLER
3-4	I2	FIPS STATE CODE
5-21	17A1	STATE NAME
22-23	A2	STATE ABBREVIATION
24-27	4X	FILLER
28-30	I3	COUNTY FIPS CODE
31-62	32A1	BASIC TRAINING AREA (BTA) NAME
63-66	I4	BTA CODE
67-70	A4	TRADING AREA (TA) ABBREVIATION
71-72	2X	FILLER
73-75	I3	MAJOR TRADING AREA (MTA) CODE
76-85	I10	POPULATION COUNTS (TOTAL)
86-87	2X	FILLER
88-94	I7	POPULATION COUNTS (BLACK)
95-103	I8	LAND AREA
104-112	I9	QMA POPULATION
113-120	F8.2	POPULATION DENSITY
121-122	2X	FILLER
123-140	18A1	COUNTY NAME

FILE DOCUMENTATION

PROGRAM: P5-2 ADJUST.VETS

FILE: FT10F001

IO TYPE: INPUT

FILE TYPE: EBCDIC

DSN: RES.CTY.CTYGRP

LRECL: 80

BLKSIZE: 7200

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-70	5(3X,I5,1X,I5)	COUNTY-COUNTY GROUP
e.g.		MAPPINGS (MAXIMUM OF 5 PER CARD)
1-3		FILLER
4-8		COUNTY CODE
9		FILLER
10-14		COUNTY GROUP CODE

FILE DOCUMENTATION

PROGRAM: P5-2 ADJUST.VETS

FILE: FT11F001 LRECL: 80

IO TYPE: INPUT BLKSIZE: 80

FILE TYPE: BCD RECFM: FB

DSN:

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	I2	STATE CODE
3-24	22X	FILLER
25-30	F6.0	TOTAL STATE IN SERVICE (PROJECTED-PRIOR TO ADJUSTMENT)

FILE DOCUMENTATION

PROGRAM: P5-2 ADJUST.VETS

FILE: FT12F001

IO TYPE: OUTPUT

FILE TYPE: BINARY

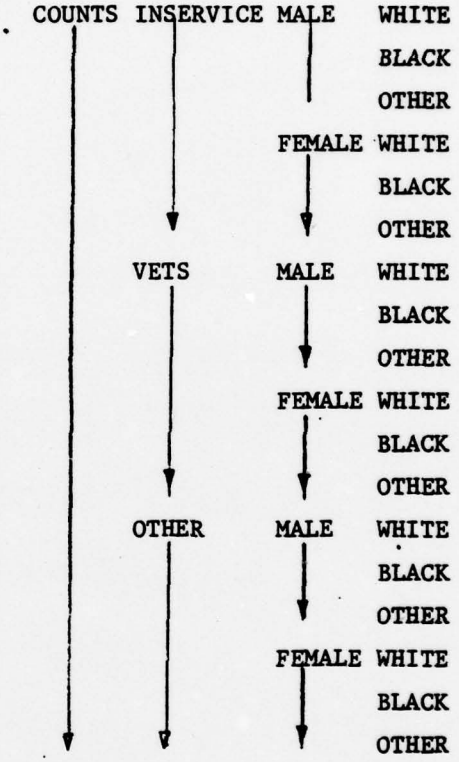
DSN: INSERV.VET.OTHER.YR86.TRY1

LRECL: 76

BLKSIZE: 7600

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-4	INTEGER	REGION CODE
5-8	REAL	COUNTS
9-12		
13-16		
17-20		
21-24		
25-28		
29-32		
33-36		
37-40		
41-44		
45-48		
49-52		
53-56		
57-60		
61-64		
65-68		
69-72		
73-76	REAL	



FILE DOCUMENTATION

PROGRAM: P5-2 ADJUST.VETS

FILE: FT20F001 LRECL: 76

IO TYPE: OUTPUT BLKSIZE: 7600

FILE TYPE: BINARY RECFM: FB

DSN: CTYGRP.INSERV.VET.FACTOR.YR86.TRY1

Column	Format (EBCDIC) Data Type (Binary)	Data Description
1-4	INTEGER	REGION CODE
5-8	REAL	ADJ. FACTOR
9-12		INSERV
13-16		MALE
17-20		FEMALE
21-24		WHITE
25-28		BLACK
29-32		OTHER
33-36		VET
37-40		MALE
41-44		FEMALE
45-48		WHITE
49-52		BLACK
53-56		OTHER
57-60		OTHER
61-64		MALE
65-68		FEMALE
69-72		WHITE
73-76	REAL	BLACK
		OTHER

Program name: APPLY.IN-SERV.FACTORS	Program ID: P5-3

Purpose:

This program applies the veteran and in-service adjustments to the 40 character record.

Author: Unknown

Computer/OS: IBM 370/HASP	**Language:** FORTRAN G

Estimated Requirements:

Core: 100K

Tape Drives: 3

CPU Time: 2 MIN

Disk Drives: 1

Print Lines: 1000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External
ADJUST (SOURCE)	FREAD FWRITE LEAVE

Input Files:

FT10F001	CTYGRP.POP.YR86.TRY1
FT09F001	CTYGRP.INSERV.VET.FACTOR.YR86.TRY1
SYSIN	TITLE CARD

Output Files:

FT20F001	CTYGRP.POP.ADJ.YR86.TRY1

FILE DOCUMENTATION

PROGRAM: P5-3 APPLY.IN-SERV.FACTORS

FILE: FT09F001 LRECL: 76

IO TYPE: INPUT BLKSIZE: 7600

FILE TYPE: BINARY RECFM: FB

DSN: CTYGRP.INSERV.VET.FACTOR.YR86.TRY1

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-4	INTEGER	REGION CODE
5-8	REAL	ADJ. FACTOR
9-12		INSERV MALE WHITE
13-16		BLACK
17-20		OTHER
21-24		FEMALE WHITE
25-28		BLACK
29-32		OTHER
33-36		VET MALE WHITE
37-40		BLACK
41-44		OTHER
45-48		FEMALE WHITE
49-52		BLACK
53-56		OTHER
57-60		OTHER MALE WHITE
61-64		BLACK
65-68		OTHER
69-72		FEMALE WHITE
73-76	REAL	BLACK
		OTHER

FILE DOCUMENTATION

PROGRAM: P5-3 APPLY.IN-SERV.FACTORS

FILE: FT10F001 LRECL: 40

IO TYPE: INPUT BLKSIZE: 7200

FILE TYPE: BINARY RECFM: FB

DSN: CTYGRP.POP.YR86.TRY1

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	INTEGER	REGION CODE
3-4		SEX CODE
5-6		RACE CODE
7-8		AGE CODE
9-10		HIGHEST GRADE COMPLETED
11-12		IN SCHOOL CODE
13-14		INSTITUTIONALIZED CODE
15-16		IN MILITARY CODE
17-18		VETERAN CODE
19-20		EMPLOYED/UNEMPLOYED CODE
21-22		SAMPLE (5% OR 15%)
23-24		FILLER
25-28		INCOME (# WHO HAD INCOME)
29-32		INCOME (AMOUNT OF INCOME)
33-36	INTEGER	COUNT
37-40	REAL	WEIGHT

FILE DOCUMENTATION

PROGRAM: P5-3 APPLY.IN-SERV.FACTORS

FILE: FT20F001

IO TYPE: OUTPUT

FILE TYPE: BINARY

DSN: CTYGRP.POP.ADJ.YR86.TRY1

LRECL: 40

BLKSIZE: 7200

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	INTEGER	REGION CODE
3-4		SEX CODE
5-6		RACE CODE
7-8		AGE CODE
9-10		HIGHEST GRADE COMPLETED
11-12		IN SCHOOL CODE
13-14		INSTITUTIONALIZED CODE
15-16		IN MILITARY CODE
17-18		VETERAN CODE
19-20		EMPLOYED/UNEMPLOYED CODE
21-22		SAMPLE (5% OR 15%)
23-24		FILLER
25-28		INCOME (# WHO HAD INCOME)
29-32		INCOME (AMOUNT OF INCOME)
33-36	INTEGER	COUNT
37-40	REAL	WEIGHT

Program name: CTYGRP.IN-SERV.FACTORS	Program ID: P5-4

Purpose: This Program extracts the county group population count for in-service/veteran.

Author: UNKNOWN

Computer/OS: IBM 370/HASP	**Language:** FORTRAN G

Estimated Requirements:

Core: 100 K

Tape Drives: 2

CPU Time: 1 minute

Disk Drives: 1

Print Lines: 1000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External
NONE	FREAD
	FWRITE
	LEAVE

Input Files:

FT10F001	CTYGRP.POP.ADJ.YR86.TRY1
SYSIN	TITLE CARD

Output Files:

FT20F001	INSERV.VET.YR86.TRY1

FILE DOCUMENTATION

PROGRAM: P5-4 CTYGRP.INSERV.FACTORS

FILE: FT10F001 LRECL: 40

IO TYPE: INPUT BLKSIZE: 7200

FILE TYPE: BINARY RECFM: FB

DSN: CTYGRP.POP.ADJ.YR86.TRY1

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	INTEGER	REGION CODE
3-4		SEX CODE
5-6		RACE CODE
7-8		AGE CODE
9-10		HIGHEST GRADE COMPLETED
11-12		IN SCHOOL CODE
13-14		INSTITUTIONALIZED CODE
15-16		IN MILITARY CODE
17-18		VETERAN CODE
19-20		EMPLOYED/UNEMPLOYED CODE
21-22		SAMPLE (5% OR 15%)
23-24		FILLER
25-28		INCOME (# WHO HAD INCOME)
29-32		INCOME (AMOUNT OF INCOME)
33-36	INTEGER	COUNT
37-40	REAL	WEIGHT

FILE DOCUMENTATION

PROGRAM: P5-4 CTYGRP.INSERV.FACTORS

FILE: FT20F001

IO TYPE: OUTPUT

FILE TYPE: BINARY

DSN: INSERV.VET.YR86.TRY1

LRECL: 36

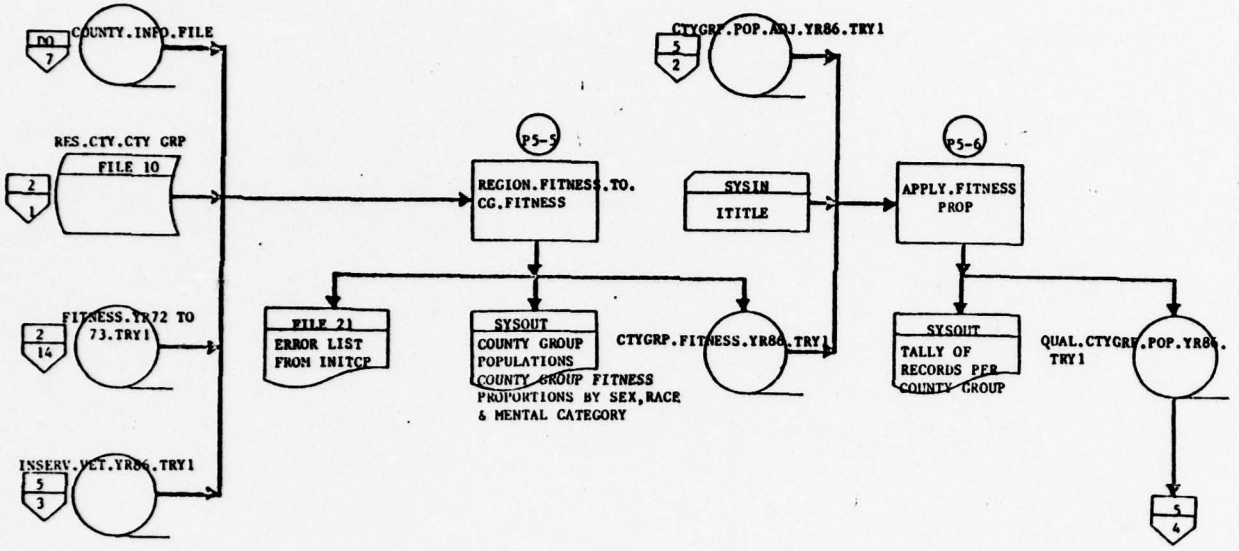
BLKSIZE: 7200

RECFM: FB

Column	Format (EBCDIC) Data Type (Binary)	Data Description
1-4	INTEGER	COUNTY GROUP ID
5-8	REAL	MALES WHITE TOTAL
9-12		INSERV/VET
13-16		BLACK TOTAL
17-20		INSERV/VET
21-24		OTHER TOTAL
25-28		INSERV/VET
29-32		FEMALE TOTAL
33-36	REAL	INSERV/VET

DEVELOPMENT OF QMA FILE (continued)

TRANSFORM REGIONAL FITNESS TO COUNTY GROUP FITNESS AND QUALIFY COUNTY GROUP POPULATIONS



Program name: REGION.FITNESS.TO.CG.FITNESS	Program ID: P5-5

Purpose:

This program weights regional fitness proportions to give county-group proportions. Two sets of data are printed for references; - first, a table of counts by county group and race, then a table of county group fitness proportions by race for males and total females.

Author: Unknown

Computer/OS: IBM 370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 125K

Tape Drives: 3

CPU Time: 1 MIN

Disk Drives: 1 (2314)

Prime Lines: 4000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)			External	
INITCP/CPOPSG/PRTCP(S)	NYREG(S)		LISTI:	FWRITE
RDCNTY(S)	MIREG(S)	WAREG(S)	FREAD	DREAD
OHREG(S)	CAREG(S)	MAREG(S)	BNSCHI:	DWRITE
PAREG(S)	ILREG(S)	TXREG(S)	LEAVE	
		UPDATE/RECALL(S)		

Input Files:

FT09F001	COUNTY.INFO.FILE
FT10F001	RES.CTY.CTYGRP
FT11F001	FITNESS.YR72TO73.TRY1
FT12F001	INSERV.VET.YR86.TRY1
FT49F001	TEMPORARY RANDOM ACCESS FILE

Output Files:

FT21F001	ERROR MESSAGE FOR INITCP
FT20F001	CTYGRP.FITNESS.YR86

FILE DOCUMENTATION

PROGRAM: P5-5 REGION.FITNESS.TO.CG.FITNESS

FILE: FT09F001 LRECL: 140

IO TYPE: INPUT BLKSIZE: 7000

FILE TYPE: EBCDIC RECFM: FB

DSN: COUNTY.INFO.FILE

Column	Format (EBCDIC) Data Type (Binary)	Data Description
1-2	2X	FILLER
3-4	I2	FIPS STATE CODE
5-21	17A1	STATE NAME
22-23	A2	STATE ABBREVIATION
24-27	4X	FILLER
28-30	I3	COUNTY FIPS CODE
31-62	32A1	BASIC TRADING AREA (BTA) NAME
63-66	I4	BTA CODE
67-70	A4	TRADING AREA (TA) ABBR.
71-72	2X	FILLER
73-75	I3	MAJOR TRADING AREA (MTA) CODE
76-85	I10	POPULATION COUNTS (TOTAL)
86-87	2X	FILLER
88-94	I7	POPULATION COUNTS (BLACK)
95-103	I8	LAND AREA
104-112	I9	QMA POPULATION
113-120	F8.2	POPULATION DENSITY
121-122	2X	FILLER
123-140	18A1	COUNTY NAME

FILE DOCUMENTATION

PROGRAM: P5-5 REGION.FITNESS.TO.CG.FITNESS

FILE: FT10F001

IO TYPE: INPUT

FILE TYPE: EBCDIC

DSN: RES.CTY.CTYGRP

LRECL: 80

BLKSIZE: 7200

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-70	5(3X,I5,1X,I5)	COUNTY-COUNTY GROUP MAPPINGS (MAXIMUM OF 5 PER CARD)
e.g.		
1-3		FILLER
4-8		COUNTY CODE
9		FILLER
10-14		COUNTY GROUP CODE

FILE DOCUMENTATION

PROGRAM: P5-5 REGION.FITNESS.TO.CG.FITNESS

FILE: FT11F001 LRECL: 136

IO TYPE: INPUT BLKSIZE: 2720

FILE TYPE: BINARY RECFM: FB

DSN: FITNESS.YR72TO73.TRY1

Column	Format(EBCDIC) Data Type(Binary)	Data Description	
1-4	INTEGER	STATE CODE	
5-8	INTEGER	STATE ABBREVIATION	
9-12	REAL	WHITE MALES	CAT 1
13-16			2
17-20			3
21-24			4
25-28			5
29-32			6
33-36			7
37-40			PHYS UNFIT
41-44		BLACK MALES	CAT 1
45-48			2
49-52			3
53-56			4
57-60			5
61-64			6
65-68			7
69-72			PHYS UNFIT
73-76		OTHER MALES	CAT 1
77-80			2
81-84			3
85-88			4
89-92			5
93-96			6
97-100			7
101-104			PHYS UNFIT
105-108		FEMALES	CAT 1
109-112			2
113-116			3
117-120	REAL		4

(CONT)

PROGRAM: P5-5 continued

FILE: FT11F001

Column	Format (EBCDIC) Date Type (Binary)	Data Description
121-124	REAL	MEN.CAT. 5
125-128		6
129-132		7
133-136	REAL	PHYS UNFIT

FILE DOCUMENTATION

PROGRAM: P5-5 REGION.FITNESS.TO.CG.FITNESS

FILE: FT12F001

IO TYPE: INPUT

FILE TYPE: BINARY

DSN: INSERV.VET.YR86.TRY1

LRECL: 36

BLKSIZE: 7200

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-4	INTEGER	COUNTY GROUP ID
5-8	REAL	MALES WHITE TOTAL
9-12		INSERV/VET
13-16		BLACK TOTAL
17-20		INSERV/VET
21-24		OTHER TOTAL
25-28		INSERV/VET
29-32		FEMALE TOTAL
33-36	REAL	INSERV/VET

FILE DOCUMENTATION

PROGRAM: P5-5 REGION.FITNESS.TO.CG.FITNESS

FILE: FT20F001

IO TYPE: OUTPUT

FILE TYPE: BINARY

DSN: CTYGRP.FITNESS.YR86.TRY1

LRECL: 132

BLKSIZE: 2640

RECFM: FB

Column	Format (EBCDIC) Data Type (Binary)	Data Description
1-4	INTEGER	COUNTY GROUP CODE
5-8	REAL	RATE FOR MALE WHITE CAT 1
9-12		2
13-16		3
17-20		4
21-24		5
25-28		6
29-32		7
33-36		UNFIT
37-40		BLACK CAT 1
41-44		2
45-48		3
49-52		4
53-56		5
57-60		6
61-64		7
65-68		UNFIT
69-72		OTHER CAT 1
73-76		2
77-80		3
81-84		4
85-88		5
89-92		6
93-96		7
97-100		UNFIT
101-104		FEMALE 1
105-108		2
109-112		3
113-116	REAL	4

PROGRAM: P5-5 continued

FILE: FT20F001

Column	Format (EBCDIC) Data Type(Binary)	Data Description
117-120	REAL	MEN.CAT. 5
121-124	REAL	6
125-128	REAL	7
129-132	REAL	PHYS.UNFIT

Program name: APPLY.FITNESS.PROP	Program ID: P5-6

Purpose:

This program applies the fitness proportions to the adjusted projected population. The resulting tape file contains a weight for each mental category and for physically unfit. A list of the number of records processed for each county group is printed along with their summary data.

Author: Unknown

Computer/OS: IBM 370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 100K

Tape Drives: 3

CPU Time: 2 minutes

Disk Drives: 1

Print Lines: 1000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External
QUAL(SOURCE)	FREAD
	FWRITE

Input Files:

FT09F001	CTYGRP.FITNESS.YR86.TRY1
FT10F001	CTYGRP.POP.ADJ.YR86.TRY1
SYSIN	TITLECARD

Output Files:

FT20F001	QUAL.CTYGRP.POP.YR86.TRY1

FILE DOCUMENTATION

PROGRAM: P5-6 APPLY.FITNESS.PROP

FILE: FT09F001 LRECL: 132

IO TYPE: INPUT BLKSIZE: 2640

FILE TYPE: BINARY RECFM: FB

DSN: CTYGRP.FITNESS.YR86.TRY1

Column	Format(EBCDIC) Data Type(Binary)	Data Description	
1-4	INTEGER	COUNTY GROUP CODE	
5-8		RATE FOR MALE WHITE CAT	1
9-12			2
13-16			3
17-20			4
21-24			5
25-28			6
29-32			7
33-36			UNFIT
37-40		BLACK CAT	1
41-44			2
45-48			3
49-52			4
53-56			5
57-60			6
61-64			7
65-68			UNFIT
69-72		OTHER	1
73-76			2
77-80			3
81-84			4
85-88			5
89-92			6
93-96			7
97-100			UNFIT
101-104		FEMALE	1
105-108			2
109-112			3
113-116			4
117-120			5
121-124			6
125-128			7
129-132	INTEGER		UNFIT

FILE DOCUMENTATION

PROGRAM: P5-6 APPLY.FITNESS.PROP

FILE: FT10F001

IO TYPE: INPUT

FILE TYPE: BINARY

DSN: CTYGRP.POP.ADJ.YR86.TRY1

LRECL: 40

BLKSIZE: 7200

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	INTEGER	REGION CODE
3-4		SEX CODE
5-6		RACE CODE
7-8		AGE CODE
9-10		HIGHEST GRADE COMPLETED
11-12		IN SCHOOL CODE
13-14		INSTITUTIONALIZED CODE
15-16		IN MILITARY CODE
17-18		VETERAN CODE
19-20		EMPLOYED/UNEMPLOYED CODE
21-22		SAMPLE (5% or 15%)
23-24		FILLER
25-28		INCOME (# WHO HAD INCOME)
29-32		INCOME (AMOUNT OF INCOME)
33-36	INTEGER	COUNT
37-40	REAL	WEIGHT

FILE DOCUMENTATION

PROGRAM: P5-6 APPLY.FITNESS.PROP

FILE: FT20F001 LRECL: 72

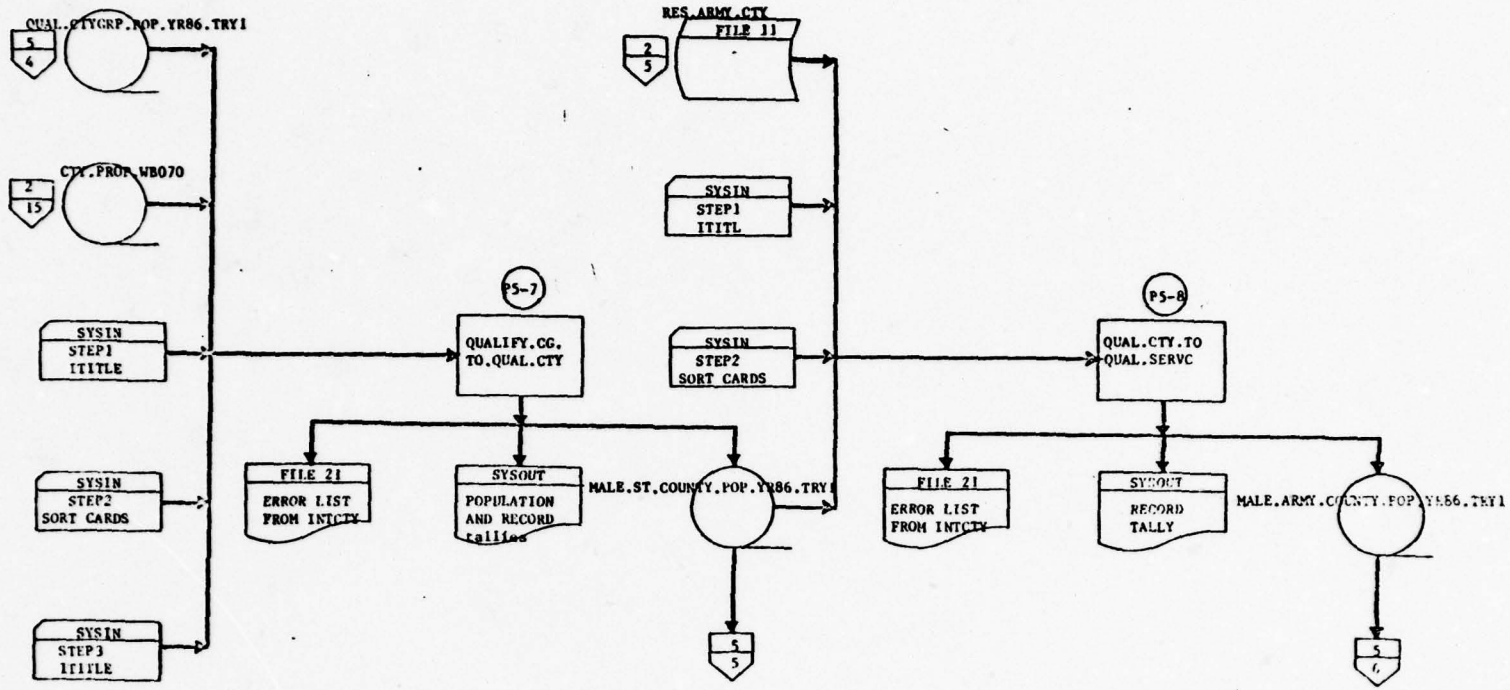
IO TYPE: OUTPUT BLKSIZE: 7200

FILE TYPE: BINARY RECFM: FB

DSN: QUAL.CTYGRP.YR86.TRY1

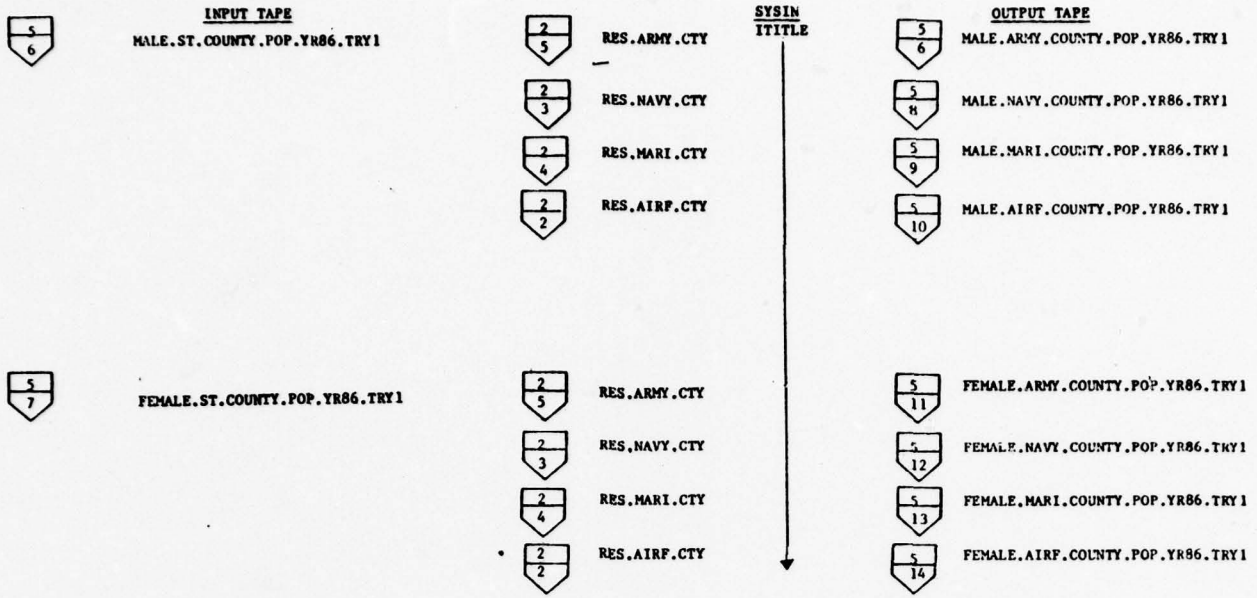
Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	INTEGER	REGION CODE
3-4		SEX CODE
5-6		RACE CODE
7-8		AGE CODE
9-10		HIGHEST GRADE COMPLETED
11-12		IN SCHOOL CODE
13-14		INSTITUTIONALIZED CODE
15-16		IN MILITARY CODE
17-18		VETERAN CODE
19-20		EMPLOYED/UNEMPLOYED CODE
21-22		SAMPLE (5% or 15%)
23-24		FILLER
25-28		INCOME (# WHO HAD INCOME)
29-32		INCOME (AMOUNT OF INCOME)
33-36	INTEGER	COUNT
37-40	REAL	WEIGHT
41-44		WEIGHT MENTAL CATEGORY 1
45-48		2
49-52		3
53-56		4
57-60		5
61-64		6
65-68		7
69-72	REAL	PHYS.UNFIT

TRANSFORM QUALIFIED COUNTY GROUP POPULATION TO QUALIFIED COUNTY-STATE POPULATION



DEVELOPMENT OF QMA FILE (continued)

QUAL.CTY.TO.QUAL.SERV (continued)



Program name: QUALITY.CG.TO.QUAL.CTY. (STEP1-2)	Program ID: P5-7

Purpose: This is step 1 of a 3 step sequence. Step 2 is a sort, step 3 will be documented on the next program documentation page. This step transforms the county-group population to state/county population. A summary of the various counts (# records read, # records written, etc.) is written on sysout.

Author: UNKNOWN

Computer/OS: IBM 370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 150K

Tape Drives: 2

CPU Time: 4 minutes (total of all 3 steps)

Disk Drives: 3

Print Lines: 2000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External	
INTCTY/CGTCTY/PRTGRP	FREAD	ASTSI
	FWRITE	ASTSP
	LEAVE	

Input Files:

FT10F001	QUAL.CTYGRP.POP.YR86.TRY1
FT11F001	CTY.PROP.WB070
SYSIN	TITLE CARD

Output Files:

FT21F001	Error message file for INTCTY
FT20F001	&TEMPO (Temporary file input to sort in Step 2)

COMMENT: The deck as it now stands is set for the male run. For the female run, two changes are required: Statement # 140 should read 140 IF(IREC2(2).EQ.2)GO TO 141 and Format #211 should read 'NO. MALE RECORDS DROPPED='.

FILE DOCUMENTATION

PROGRAM: P5-7 QUALITY.CG.TO.QUAL.CTY (STEP 1)

FILE: FT10F001 LRECL: 72

IO TYPE: INPUT BLKSIZE:7200

FILE TYPE: BINARY RECFM: FB

DSN: QUAL.CTYGRP.YR86.TRY1

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	INTEGER	REGION CODE
3-4		SEX CODE
5-6		RACE CODE
7-8		AGE CODE
9-10		HIGHEST GRADE COMPLETED
11-12		IN SCHOOL CODE
13-14		INSTITUTIONALIZED CODE
15-16		IN MILITARY CODE
17-18		VETERAN CODE
19-20		EMPLOYED/UNEMPLOYED CODE
21-22		SAMPLE (5% OR 15%)
23-24		FILLER
25-28		*INCOME (#WHO HAD INCOME)*
29-32		INCOME (AMOUNT OF INCOME
33-36	INTEGER	COUNT
37-40	REAL	WEIGHT
41-44		WEIGHT MENTAL CATEGORY 1
45-48		2
49-52		3
53-56		4
57-60		5
61-64		6
65-68		7
69-72	REAL	PHYS. UNFIT

FILE DOCUMENTATION

PROGRAM: P5-7 QUALITY.CG.TO.QUAL.CTY (STEP 1)

FILE: FT11F001

IO TYPE: INPUT

FILE TYPE: EBCDIC

DSN: CTY.PROP.WB070

LRECL: 80

BLKSIZE: 7200

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-5	5I1	COUNTY GROUP CODE
6-22	17X	FILLER
23-27	5I1	COUNTY CODE
28	1X	FILLER
29-35	F7.5	PROPORTION MALE WHITE
36-42		BLACK
43-49		OTHER
50-56		FEMALE WHITE
57-63		BLACK
64-70	F7.5	OTHER

FILE DOCUMENTATION

PROGRAM: P5-7 QUALITY.CG.TO.QUAL.CTY (Step 1)

FILE: FT20F001

IO TYPE: OUTPUT

FILE TYPE: BINARY

DSN: &TEMPO

LRECL: 76

BLKSIZE: 12996

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	INTEGER	STATE CODE
3-6		COUNTY CODE
7-8		SEX
9-10		RACE
11-12		AGE
13-14		HIGHEST GRADE COMPLETED
15-16		IN SCHOOL CODE
17-18		INSTITUTIONALIZED CODE
19-20		IN MILITARY CODE
21-22		VETERAN CODE
23-24		EMPLOYED CODE
25-26		SAMPLE
27-28		FILLER
29-32		INCOME (YES/NO)
33-36		INCOME (AMOUNT)
37-40	INTEGER	COUNT
41-44	REAL	ADJUSTED WEIGHT
45-48		COUNT MEN.CAT. 1
49-52		2
53-56		3
57-60		4
61-64		5
65-68		6
69-72		7
73-76	REAL	PHYS. UNFIT

Program name: QUALITY.CG.TO.QUAL.CTY (Step 3)	Program ID: P5-7

Purpose:

This is the third step of the sequence which transforms the county group population to state/county population. This program aggregates the 76 character records.

Author: Unknown

Computer/OS: IBM 370/Hasp	**Language:** FORTRAN G

Estimated Requirements:

Core: Tape Drives: See Step1

CPU Time: Estimated in Step1 Disk Drives:

Print Lines:

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External
None	FREAD FWRITE LEAVE

Input Files:

FT10F001	&TEMP
SYSIN	title card

Output Files:

FT20F001	MALE.ST.CTY.POP.YR86.TRY1	one run for each sex
	FEMALE.ST.CTY.POP.YR86.TRY1	

FILE DOCUMENTATION

PROGRAM: P5-7 QUALITY.CG.TO.QUAL.CTY (Step 3)

FILE: FT10F001 LRECL: 76

IO TYPE: INPUT BLKSIZE: 12996

FILE TYPE: BINARY RECFM: FB

DSN: &TEMP (Sorted version of &TEMPO)

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 2	INTEGER	STATE CODE
3 - 6		COUNTY CODE
7 - 8		SEX
9 - 10		RACE
11 - 12		AGE
13 - 14		HIGHEST GRADE COMPLETED
15 - 16		IN SCHOOL CODE
17 - 18		INSTITUTIONALIZED CODE
19 - 20		IN MILITARY CODE
21 - 22		VETERAN CODE
23 - 24		EMPLOYED CODE
25 - 26		SAMPLE
27 - 28		FILLER
29 - 32		INCOME (YES/NO)
33 - 36		INCOME (AMOUNT)
37 - 40	INTEGER	COUNT
41 - 44	REAL	ADJUSTED WEIGHT
45 - 48		COUNT MEN.CAT.1
49 - 52		2
53 - 56		3
57 - 60		4
61 - 64		5
65 - 68		6
69 - 72		7
73 - 76	REAL	PHYS.UNFIT

FILE DOCUMENTATION

PROGRAM: P5-7 QUALITY.CG.TO.QUAL.CTY(Step 3)

FILE: FT20F001 LRECL: 76

IO TYPE: OUTPUT BLKSIZE: 12996

FILE TYPE: BINARY RECFM: FB

DSN: FEMALE.ST.CTY.POP.YR86.TRY1

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 2	INTEGER	STATE CODE
3 - 6	↑	COUNTY CODE
7 - 8	|	SEX
9 - 10	|	RACE
11 - 12	|	AGE
13 - 14	|	HIGHEST GRADES COMPLETED
15 - 16	|	IN SCHOOL CODE
17 - 18	|	INSTITUTIONALIZED CODE
19 - 20	|	IN MILITARY CODE
21 - 22	|	VETERAN CODE
23 - 24	|	EMPLOYED CODE
25 - 26	|	SAMPLE
27 - 28	|	FILLER
29 - 32	|	INCOME (YES/NO)
33 - 36	↓	INCOME (AMOUNT)
37 - 40	INTEGER	COUNT
41 - 44	REAL	ADJUSTED WEIGHT
45 - 48	↑	COUNT MEN.CAT. 1
49 - 52	|	2
53 - 56	|	3
57 - 60	|	4
61 - 64	|	5
65 - 68	|	6
69 - 72	↓	7
73 - 76	REAL	PHYS.UNFIT

FILE DOCUMENTATION

PROGRAM: P5-7 QUALITY.CG.TO.QUAL.CTY(Step 3)

FILE: FT20F001

IO TYPE: OUTPUT

FILE TYPE: BINARY

DSN: MALE.ST.CTY.POP.YR86.TRY1

LRECL: 76

BLKSIZE: 12996

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 2	INTEGER	STATE CODE
3 - 6	↑	COUNTY CODE
7 - 8	↑	SEX
9 - 10	↑	RACE
11 - 12	↑	AGE
13 - 14	↑	HIGHEST GRADES COMPLETED
15 - 16	↑	IN SCHOOL CODE
17 - 18	↑	INSTITUTIONALIZED CODE
19 - 20	↑	IN MILITARY CODE
21 - 22	↑	VETERAN CODE
23 - 24	↑	EMPLOYED CODE
25 - 26	↑	SAMPLE
27 - 28	↑	FILLER
29 - 32	↑	INCOME (YES/NO)
33 - 36	↑	INCOME (AMOUNT)
37 - 40	INTEGER	COUNT
41 - 44	REAL	ADJUSTED WEIGHT
45 - 48	↑	COUNT MEN.CAT. 1
49 - 52	↑	2
53 - 56	↑	3
57 - 60	↑	4
61 - 64	↑	5
65 - 68	↑	6
69 - 72	↑	7
73 - 76	REAL	PHYS.UNFIT

Program name: QUAL.CTY.TO.QUAL.SERVIC	Program ID: P5-8

Purpose:

This program takes the sex-specific, qualified county projected populations and uses the service directories to map the population into service boundaries (DRC's, NRD's, etc.). The complete DOD projection will require 8 runs of this program, one for each sex for each service. The only changes required are in the JCL, namely the input population tape (male or female) and the service dictionary (Army, Navy, Marine Corps or Air Force). The second step of the program re-sorts the file according to recruiting areas.

Author: Unknown

Computer/OS: IBM 370/Hasp | **Language:** FORTRAN G

Estimated Requirements:

Core: 150 K
Tape Drives: 2
CPU Time: 11 min
Disk Drives: 3 (required for sort)
Print Lines: 1000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External	
INTMAP/CTYREG/PRTMAP (Source)	FREAD	MVECR
RDDRC (Source)	FWRITE	ASTSI
	LISTI	LEAVE

Input Files:

FT10F001	MALE.ST.COUNTY.POP.YR86.TRY1 (or FEMALE.ST....)
FT11F001	SERVICE DIRECTORY
SYSIN	TITLE CARD

Output Files:

FT20F001	&TEMPO (unsorted)
SORTOUT	MALE.ARMY.COUNTY.POP.YR86.TRY (sorted) (FEMALE)(NAVY) (AIRF) (MARI)
FT22F001	PRINT FILE WHICH CONTAINS A SUMMARY OF COUNTIES NOT REFERENCED & COUNTIES REFERENCED MORE THAN ONCE.
SYSOUT	THIS FILE CONTAINS A SUMMARY OF THE RECORDS READ, etc.

FILE DOCUMENTATION

PROGRAM: P5-8 QUAL.CTY.TO.QUAL.SERVIC

FILE: FT10F001 LRECL: 76

IO TYPE: INPUT BLKSIZE: 12996

FILE TYPE: BINARY RECFM: FB

DSN: MALE.ST.COUNTY.POP.YR86.TRY1

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 2	INTEGER	STATE CODE
3 - 6		GOUNTY CODE
7 - 8		SEX
9 - 10		RACE
11 - 12		AGE
13 - 14		HIGHEST GRADE COMPLETED
15 - 16		IN SCHOOL CODE
17 - 18		INSTITUTIONALIZED CODE
19 - 20		IN MILITARY CODE
21 - 22		VETERAN CODE
23 - 24		EMPLOYED CODE
25 - 26		SAMPLE
27 - 28		FILLER
29 - 32		INCOME (YES/NO)
33 - 36		INCOME (AMOUNT)
37 - 40	INTEGER	COUNT
41 - 44	REAL	ADJUSTED WEIGHT
45 - 48		COUNT MEN.CAT. 1
49 - 52		2
53 - 56		3
57 - 60		4
61 - 64		5
65 - 68		6
69 - 72		7
73 - 76		PHYS.UNFIT

FILE DOCUMENTATION

PROGRAM: P5-8 QUAL.CTY.TO.QUAL.SERVIC

FILE: FT11F001

IO TYPE: INPUT

FILE TYPE: EBCDIC

DSN: RES.ST.CTY

LRECL: 80

BLKSIZE: 7200

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
FIRST CARD FOR STATE		
1 - 2	I2	STATE CODE
3	1X	FILLER
4 - 5	A2	STATE ABBREVIATION
6 - 7	A2	CENSUS REGION
8	1X	FILLER
9 - 20	3A4	STATE NAME
21 - 80	10(1X,I5)	FIPS CODE LIST (MAXIMUM OF 10 CODES PER CARD)
CONTINUATION CARDS		
1 - 2	I2	STATE CODE
3 - 20	18X	FILLER
21 - 80	10(1X,I5)	FIPS CODES (MAXIMUM OF 10 CODES PER CARD)

FILE DOCUMENTATION

PROGRAM: P5-8 QUAL.CTY.TO.QUAL.SERVIC

FILE: FT11F001 LRECL: 80

IO TYPE: INPUT BLKSIZE: 7200

FILE TYPE: EBCDIC RECFM: FB

DSN: RES.ARMY.CTY

Column	Format(EBCDIC) Data Type(Binary)	Data Description
FIRST RECORD FOR DRC		
1 - 2	I2	DRC SEQUENCE NO.
3 - 5	A3	DRC CODE
6 - 7	A2	REGION CODE
8	1X	FILLER
9 - 20	3A4	DRC NAME
21 - 80	10(1X,I5)	LIST OF FIPS CODES (MAXIMUM OF 10 PER CARD)
CONTINUATION RECORDS FOR DRC		
1 - 2	I2	DRC SEQUENCE NO.
3 - 9	7X	FILLER
10 - 14	I5	COUNTY FIPS
15	1X	FILLER
16 - 20	I5	COUNTY FIPS
21 - 80		SAME AS FIRST CARD

FILE DOCUMENTATION

PROGRAM: P5-8 QUAL.CTY.TO.QUAL.SERVIC

FILE: FT11F001 LRECL: 80

IO TYPE: INPUT BLKSIZE: 7200

FILE TYPE: EBCDIC RECFM: FB

DSN: RES.NAVY.CTY

Column	Format(EBCDIC) Data Type(Binary)	Data Description
FIRST RECORD FOR NRD		
1 - 2	I2	NRD SEQUENCE NO.
3 - 5	A3	NRD CODE
6 - 7	A2	AREA CODE
8	1X	FILLER
9 - 20	3A4	NRD NAME
21 - 80	10(1X,I5)	LIST OF FIPS CODES (MAXIMUM OF 10 PER CARD)
CONTINUATION RECORDS FOR NRD		
1 - 2	I2	NRD SEQUENCE NO.
3 - 9	7X	FILLER
10 - 14	I5	COUNTY FIPS
15	1X	FILLER
16 - 20	I5	COUNTY FIPS
21 - 80		SAME AS FIRST CARD

FILE DOCUMENTATION

PROGRAM: P5-8 QUAL.CTY.TO.QUAL.SERVIC

FILE: FT11F001 LRECL: 80

IO TYPE: INPUT BLKSIZE: 7200

FILE TYPE: EBCDIC RECFM: FB

DSN: RES.MARI.CTY

Column	Format(EBCDIC) Data Type(Binary)	Data Description
FIRST RECORD FOR RS		
1 - 2	I2	RS SEQUENCE NO.
3 - 5	A3	RS CODE
6 - 7	A2	DISTRICT CODE
8	1X	FILLER
9 - 20	3A4	RS NAME
21 - 80	10(1X,I5)	LIST OF FIPS CODES (MAXIMUM 10 PER CARD)
CONTINUATION RECORDS FOR RS		
1 - 2	I2	RS SEQUENCE NO.
3 - 9	7X	FILLER
10 - 14	I5	COUNTY FIPS
15	1X	FILLER
16 - 20	I5	COUNTY FIPS
21 - 80		SAME AS FIRST CARD

FILE DOCUMENTATION

PROGRAM: P5-8 QUAL.CTY.TO.QUAL.SERVIC

FILE: FT11F001 LRECL: 80

IO TYPE: INPUT BLKSIZE: 7200

FILE TYPE: EBCDIC RECFM: FB

DSN: RES.AIRF.CTY

Column	Format(EBCDIC) Data Type(Binary)	Data Description
FIRST RECORD FOR DET		
1 - 2	I2	DET SEQUENCE NO.
3 - 5	A3	DET CODE
6 - 7	A2	GROUP CODE
8	1X	FILLER
9 - 20	3A4	DET NAME
21 - 80	10(1X,I5)	LIST OF FIPS CODES (MAXIMUM OF 10 PER CARD)
CONTINUATION RECORDS FOR DET		
1 - 2	I2	DET SEQUENCE NO.
3 - 9	7X	FILLER
10 - 14	I5	COUNTY FIPS
15	1X	FILLER
16 - 20	I5	COUNTY FIPS
21 - 80		SAME AS FIRST CARD

FILE DOCUMENTATION

PROGRAM: P5-8 QUAL.CTY.TO.QUAL.SERVIC

FILE: FT20F001 LRECL: 76

IO TYPE: OUTPUT BLKSIZE: 12996

FILE TYPE: BINARY RECFM: FB

DSN: &TEMPO

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 2	INTEGER	REGION CODE
3 - 6		COUNTY CODE
7 - 8		SEX
9 - 10		RACE
11 - 12		AGE
13 - 14		HIGHEST GRADE COMPLETED
15 - 16		IN SCHOOL CODE
17 - 18		INSTITUTIONALIZED CODE
19 - 20		IN MILITARY CODE
21 - 22		VETERAN CODE
23 - 24		EMPLOYED CODE
25 - 26		SAMPLE
27 - 28		FILLER
29 - 32		INCOME (YES/NO)
33 - 36		INCOME (AMOUNT)
37 - 40	INTEGER	COUNT
41 - 44	REAL	ADJUSTED WEIGHT
45 - 48		COUNT MEN.CAT. 1
49 - 52		2
53 - 56		3
57 - 60		4
61 - 64		5
65 - 68		6
69 - 72		7
73 - 76		PHYS.UNFIT

FILE DOCUMENTATION

PROGRAM: P5-8 QUAL.CTY.TO.QUAL.SERVIC

FILE: SORTOUT

IO TYPE: OUTPUT

FILE TYPE: BINARY

LRECL: 76

BLKSIZE: 12996

RECFM: FB

DSN: MALE.ARMY.COUNTY.POP.YR86.TRY1
(FEMALE)(NAVY) =
(AIRF)
(MARI)

Column	Format (EBCDIC) Data Type (Binary)	Data Description
1 - 2	INTEGER	REGION CODE
3 - 6		COUNTY CODE
7 - 8		SEX
9 - 10		RACE
11 - 12		AGE
13 - 14		HIGHEST GRADE COMPLETED
15 - 16		IN SCHOOL CODE
17 - 18		INSTITUTIONALIZED CODE
19 - 20		IN MILITARY CODE
21 - 22		VETERAN CODE
23 - 24		EMPLOYED CODE
25 - 26		SAMPLE
27 - 28		FILLER
29 - 32		INCOME (YES/NO)
33 - 36		INCOME (AMOUNT)
37 - 40	INTEGER	COUNT
41 - 44	REAL	ADJUSTED WEIGHT
45 - 48		COUNT MEN.CAT. 1
49 - 52		2
53 - 56		3
57 - 60		4
61 - 64		5
65 - 68		6
69 - 72		7
73 - 76		PHYS.UNFIT

Program name: QMA.TPE	Program ID: PS-9

Purpose: This program forms a tape with one record per county. This record contains relevant county data from the County Info File as well as a complete count of the MA and QMA populations. It is designed for further use by the Services in their analysis as well as being a source of any or all of the QMA/MA reports.

Author: Alison Crews

Computer/OS: IBM 370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 120K

Tape Drives: 2

CPU Time: 12 MIN

Disk Drives: 1

Print Lines: 1000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External	
INTCTY/CTYNAM/PRTCTY (SOURCE)	FREAD	LISTI
INTNAM/RDNAM (SOURCE)	ASTSI	BNSCHI
	MVECR	

Input Files:

FT09F001	COUNTY.INFO.FILE
FT10F001	MALE.ARMY.COUNTY.POP.YR86.TRY1
FT11F001	RES.ARMY.CTY
SYSIN	ITYP,IAGIN,IAGOUT,ISEX,LTITL

Output Files:

FT20F001	JUNE.YR86.ARMY.MALES (NAVY FEMALES) MARI AIRF STATE
FT21F001	ERROR MESSAGE FILE FOR INTCTY
SYSOUT	THIS FILE CONTAINS ERROR MESSAGE FROM THE MAIN PROGRAM AND SUMMARY DATA ON THE RUN.

COMMENT: FOR FORMATION OF THE STATE TAPES FT10F001 WILL BE MALE.ST.COUNTY.POP.YR86.TRY1
(FEMALE)
THE FORMAT OF THIS TAPE IS THE SAME AS THE SERVICE SPECIFIC INPUTS.

FILE DOCUMENTATION

PROGRAM: P5-9 QMA.TPE

FILE: FT09F001 LRECL: 140

IO TYPE: INPUT BLKSIZE: 7000

FILE TYPE: EBCDIC RECFM: FB

DSN: COUNTY.INFO.FILE

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	2X	FILLER
3-4	I2	FIPS STATE CODE
5-21	17A1	STATE NAME
22-23	A2	STATE ABBREVIATION
24-27	4X	FILLER
28-30	I3	COUNTY FIPS CODE
31-62	32A1	BASIC TRADING AREA (BTA) NAME
63-66	I4	BTA CODE
67-70	A4	TRADING AREA (TA) ABBR
71-72	2X	FILLER
73-75	I3	MAJOR TRADING AREA (MTA) CODE
76-85	I10	POPULATION COUNTS (TOTAL)
86-87	2X	FILLER
88-94	I7	POPULATION COUNTS (BLACK)
95-103	I8	LAND AREA
104-112	I9	QMA POPULATION
113-120	F8.2	POPULATION DENSITY
121-122	2X	FILLER
123-140	18A1	COUNTY NAME

FILE DOCUMENTATION

PROGRAM: P5-9 QMA.TPE

FILE: FT10F001 LRECL: 76

IO TYPE: INPUT BLKSIZE: 12996

FILE TYPE: BINARY RECFM: FB

DSN: MALE.ARMY.COUNTY.POP.YR86.TRY1
(FEMALE) NAVY
MARI
AIRF

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	INTEGER	REGION CODE
3-6		COUNTY CODE
7-8		SEX
9-10		RACE
11-12		AGE
13-14		HIGHEST GRADE COMPLETED
15-16		IN SCHOOL CODE
17-18		INSTITUTIONALIZED CODE
19-20		IN MILITARY CODE
21-22		VETERAN CODE
23-24		EMPLOYED CODE
25-26		SAMPLE
27-28		FILLER
29-32		INCOME (YES/NO)
33-36		INCOME (AMOUNT)
37-40	INTEGER	COUNT
41-44	REAL	ADJUSTED WEIGHT
45-48		COUNT MEN. CAT. 1
49-52		2
53-56		3
57-60		4
61-64		5
65-68		6
69-72		7
73-76	REAL	PHYS.UNFIT

FILE DOCUMENTATION

PROGRAM: P5-9 QMA.TPE

FILE: FT11F001 LRECL: 80

IO TYPE: INPUT BLKSIZE: 7200

FILE TYPE: EBCDIC RECFM: FB

DSN: RES.ST.CTY

Column	Format(EBCDIC) Data Type(Binary)	Data Description
FIRST CARD FOR STATE		
1-2	I2	STATE CODE
3	1X	FILLER
4-5	A2	STATE ABBREVIATION
6-7	A2	CENSUS REGION
8	1X	FILLER
9-20	3A4	STATE NAME
21-80	10(1X,I5)	FIPS CODE LIST (MAXIMUM OF 10 CODES PER CARD)
CONTINUATION CARDS		
1-2	I2	STATE CODE
3-20	18X	FILLER
21-80	10(1X,I5)	FIPS CODES (MAXIMUM OF 10 CODES PER CARD)

FILE DOCUMENTATION

PROGRAM: P5-9 QMA.TPE

FILE: FT11F001 LRECL: 80

IO TYPE: INPUT BLKSIZE: 7200

FILE TYPE: EBCDIC RECFM: FB

DSN: RES.ARMY.CTY

Column	Format(EBCDIC) Data Type(Binary)	Data Description
FIRST RECORD FOR DRC		
1-2	I2	DRC SEQUENCE NO.
3-5	A3	DRC CODE
6-7	A2	REGION CODE
8	1X	FILLER
9-20	3A4	DRC NAME
21-80	10(1X,I5)	LIST OF FIPS CODES (MAXIMUM OF 10 PER CARD)
CONTINUATION RECORDS FOR DRC		
1-2	I2	DRC SEQUENCE NO.
3-9	7X	FILLER
10-14	I5	COUNTY FIPS
15	1X	FILLER
16-20	I5	COUNTY FIPS
21-80		SAME AS FIRST CARD

FILE DOCUMENTATION

PROGRAM: P5-9 QMA.TPE

FILE: FT11F001 LRECL: 80

IO TYPE: INPUT BLKSIZE: 7200

FILE TYPE: EBCDIC RECFM: FB

DSN: RES.NAVY.CTY

Column	Format(EBCDIC) Data Type(Binary)	Data Description
FIRST RECORD FOR NRD		
1-2	I2	NRD SEQUENCE NO.
3-5	A3	NRD CODE
6-7	A2	AREA CODE
8	1X	FILLER
9-20	3A4	NRD NAME
21-80	10(1X,I5)	LIST OF FIPS CODES (MAXIMUM OF 10 PER CARD)
CONTINUATION RECORDS FOR NRD		
1-2	I2	NRD SEQUENCE NO.
3-9	7X	FILLER
10-14	I5	COUNTY FIPS
15	1X	FILLER
16-20	I5	COUNTY FIPS
21-80		SAME AS FIRST CARD

FILE DOCUMENTATION

PROGRAM: P5-9 QMA.TPE

FILE: FT11F001 LRECL: 80

IO TYPE: INPUT BLKSIZE: 7200

FILE TYPE: EBCDIC RECFM: FB

DSN: RES.MARI.CTY

Column	Format(EBCDIC) Data Type(Binary)	Data Description
FIRST RECORD FOR RS		
1-2	I2	RS SEQUENCE NO.
3-5	A3	RS CODE
6-7	A2	DISTRICT CODE
8	1X	FILLER
9-20	3A4	RS NAME
21-80	10(1X,I5)	LIST OF FIPS CODES (MAXIMUM OF 10 PER CARD)
CONTINUATION RECORDS FOR RS		
1-2	I2	RS SEQUENCE NO.
3-9	7X	FILLER
10-14	I5	COUNTY FIPS
15	1X	FILLER
16-20	I5	COUNTY FIPS
21-80		SAME AS FIRST CARD

FILE DOCUMENTATION

PROGRAM: P5-9 QMA.TPE

FILE: FT11F001 LRECL: 80

IO TYPE: INPUT BLKSIZE: 7200

FILE TYPE: EBCDIC RECFM: FB

DSN: RES.AIRF.CTY

Column	Format(EBCDIC) Data Type(Binary)	Data Description
FIRST RECORD FOR DET		
1-2	I2	DET SEQUENCE NO.
3-5	A3	DET CODE
6-7	A2	GROUP CODE
8	1X	FILLER
9-20	3A4	DET NAME
21-80	10(1X,I5)	LIST OF FIPS CODES (MAXIMUM OF 10 PER CARDO
CONTINUATION RECORDS FOR DET		
1-2	I2	DET SEQUENCE NO.
3-9	7X	FILLER
10-14	I5	COUNTY FIPS
15	1X	FILLER
16-20	I5	COUNTY FIPS
21-80		SAME AS FIRST CARD

FILE DOCUMENTATION

PROGRAM: P5-9 QMA.TPE

FILE: SYSIN

IO TYPE: INPUT

FILE TYPE: BCD

DSN:

LRECL: 80

BLKSIZE: 80

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-4	A4	ITYP (TITL)
5-8	I4	.IAGIN (BEGINNING AGE)
9-12	I4	IAGOUT (ENDING AGE)
13-14	2X	FILLER
15	I1	ISEX
16	1X	FILLER
17-44	7A4	LTITL

FILE DOCUMENTATION

PROGRAM: P5-9 QMA.TPE

FILE: FT20F001 LRECL: 4800

IO TYPE: OUTPUT BLKSIZE: 4800

FILE TYPE: BINARY RECFM: FB

DSN: JUNE.YR86.ARMY.MALES
(FEMALES) (NAVY,MARI,AIRF,STATE)

Format(EBCDIC)

Column	Data Type(Binary)	Data Description

Each record in a file contains forty 120-character segments. The first segment (Format A) contains county identification data; the remaining 39 segments (Format B) contain counts of individuals in classes listed below.

Population Classifications

(All segments are mutually exclusive)

In-service (all mental categories combined)	Segment 2
Veteran (all mental categories combined)	Segment 3
Institutionalized (all mental categories combined)	Segment 4
Physically unfit (all mental categories combined)	Segment 5
Mental Category I	
1. HSG in school	Segment 6
2. HSG not in school	Segment 7
3. NHSG seniors	Segment 8
4. Other NHSG in school	Segment 9
5. NHSG not in school	Segment 10
Mental Category II	
Subclasses 1-5 as above	Segments 11-15
Mental Category IIIA	
Subclasses 1-5 as above	Segments 16-20
Mental Category IIIB	
Subclasses 1-5 as above	Segments 21-25
Mental Category IVA	
Subclasses 1-5 as above	Segments 26-30
Mental Categories IVB and C	
Subclasses 1-5 as above	Segments 31-35
Mental Category V	
Subclasses 1-5 as above	Segments 36-40

FILE DOCUMENTATION

PROGRAM: P5-9 QMA.TPE

FILE: FT20F001 LRECL: 4800

IO TYPE: OUTPUT BLKSIZE: 4800

FILE TYPE: EBCDIC RECFM: FB

DSN: JUNE.YR86.ARMY.MALES

Column	Format(EBCDIC) Data Type(Binary)	Data Description
FORMAT A - SEGMENT 1		
1-4	A4	LTITL
5-8		
9-12		
13-16		
17-20		
21-24		
25-28		LTITL
29-32		REGION CODE
33-36		DRC CODE
37-40		DRC NAME
41-44		DRC NAME
45-48	A4	DRC NAME
49-53	5I1	FIPS CODE
54-55	2X	FILLER
56-59	A4	STATE ABBR.
60-63		COUNTY NAME
64-67		
68-71	A4	COUNTY NAME
72-119	12A4	FILLER
120	A1	FILLER

FILE DOCUMENTATION

PROGRAM: P5-9 QMA.TPE

FILE: FT20F001 LRECL: 4800

IO TYPE: OUTPUT BLKSIZE: 4800

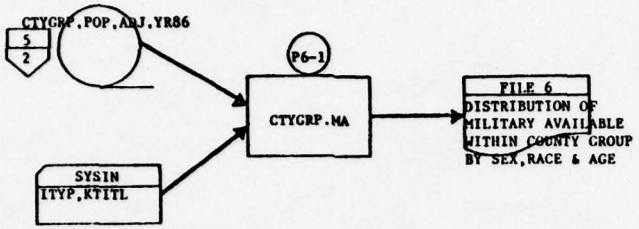
FILE TYPE: BINARY RECFM: FB

DSN: JUNE.77.ARMY.MALES

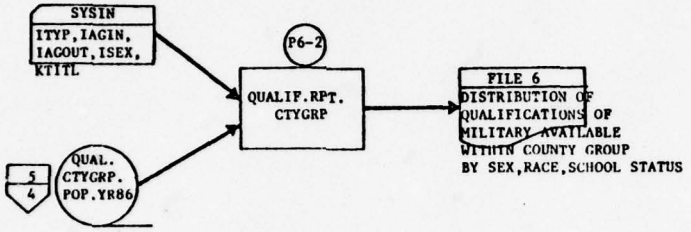
Column	Format(EBCDIC) Data Type(Binary)	Data Description	
FORMAT B	SEGMENTS 2-40		
1-8	F8.1	COUNTS FOR WHITE	17
9-16			18
17-24			19
25-32			20
33-40			21
41-48		BLACK	17
49-56			18
57-64			19
65-72			20
73-80			21
81-88		OTHER	17
89-96			18
97-104			19
105-112			20
113-120			21

REPORT GENERATORS

COUNTY GROUP MA REPORT



COUNTY GROUP QUALIFICATION REPORT



Program name: CTYGRP.MA	Program ID: P6-1

Purpose: This program is a report generator to print the distribution of members of male population within each county group into availability classifications by age and race using adjusted population of June 1986.

Author: Alison Crews

Computer/OS: IBM 360-370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 100K

Tape Drives: 1

CPU Time: 4 MIN

Disk Drives: 1

Print Lines: 38000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External
	FREAD

Input Files:

FT10F001 CTYGRP.POP.ADJ.YR86.TRY1

Output Files:

FT06F001 DISTRIBUTION OF MILITARY AVAILABLE WITHIN COUNTY GROUP BY RACE, AGE, AND SEX

FILE DOCUMENTATION

PROGRAM: P6-1 CTYGRP.MA

FILE: FT10F001 LRECL: 40

IO TYPE: INPUT BLKSIZE: 7200

FILE TYPE: BINARY RECFM: FB

DSN: CTYGRP.POP.ADJ.YR86.TRY1

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	INTEGER	REGION CODE
3-4		SEX CODE
5-6		RACE CODE
7-8		AGE CODE
9-10		HIGHEST GRADE COMPLETED
11-12		IN SCHOOL CODE
13-14		INSTITUTIONALIZED CODE
15-16		IN MILITARY CODE
17-18		VETERAN CODE
19-20		EMPLOYED/UNEMPLOYED CODE
21-22		SAMPLE (5% or 15%)
23-24		FILLER
25-28		INCOME (# WHO HAD INCOME)
29-32		INCOME (AMOUNT OF INCOME)
33-36	INTEGER	COUNT
37-40	REAL	WEIGHT

Program name: QUALIF.RTP.CTYGRP	Program ID: P6-2

Purpose: This program produces a QMA report by county group.

Author: Alison Crews

Computer/OS: IBM 370/HASP	**Language:** FORTRAN G

Estimated Requirements:

Core: 100K

Tape Drives: 1

CPU Time: 5 MIN

Disk Drives: 1

Print Lines: 22000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External
None	*FREAD*

Input Files:

FT10F001	QUAL.CTYGRP.POP.YR86.TRY1
FT05F001	ITYP,IAGIN,IAGOUT,ISEX,KTITL

Output Files:

FT06F001	Qualifications of available males by county group (ages 17-21 inclusive) June 86 projected population

FILE DOCUMENTATION

PROGRAM: P6-2 QUALIF.RPT.CTYGRP

FILE: FT05F001 LRECL: 80

IO TYPE: INPUT BLKSIZE: 80

FILE TYPE: BCD RECFM: FB

DSN:

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1 - 4	A4	ITYP
5 - 8	I4	IAGIN
9 - 12	I4	IAGOUT
13 - 14	2X	FILLER
15	A1	ISEX
16	1X	FILLER
17 - 56	10A4	KTITL

FILE DOCUMENTATION

PROGRAM: P6-2 QUALIF.RPT.CTYGRP

FILE: FT10F001 LRECL: 72

IO TYPE: INPUT BLKSIZE: 7200

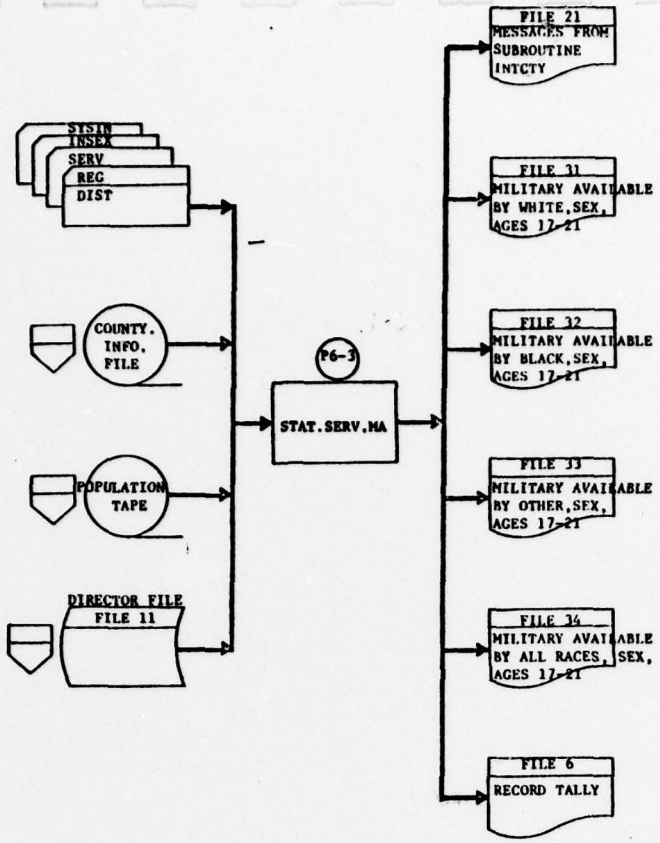
FILE TYPE: BINARY RECFM: FB

DSN: QUAL.CTYGRP.YR86.TRY1

Column	Format (EBCDIC) Data Type (Binary)	Data Description
1-2	INTEGER	REGION CODE
3-4		SEX CODE
5-6		RACE CODE
7-8		AGE CODE
9-10		HIGHEST GRADE COMPLETED
11-12		IN SCHOOL CODE
13-14		INSTITUTIONALIZED CODE
15-16		IN MILITARY CODE
17-18		VETERAN CODE
19-20		EMPLOYED/UNEMPLOYED CODE
21-22		SAMPLE (5% or 15%)
23-24		FILLER
25-28		INCOME (# WHO HAD INCOME)
29-32		INCOME (AMOUNT OF INCOME)
33-36	INTEGER	COUNT
37-40	REAL	WEIGHT
41-44		WEIGHT MENTAL CATEGORY 1
45-48		2
49-52		3
53-56		4
57-60		5
61-64		6
65-68		7
69-72	REAL	PHYS.UNFIT

REPORT GENERATORS (CONTINUED)

STATE-SERVICE MA



POPULATION TAPE

5/6	MALE.ST.COUNTY.POP.YR86.TRY1
5/7	FEMALE.ST.COUNTY.POP.YR86.TRY1
5/6	MALE.ARMY.COUNTY.POP.YR86.TRY1
5/7	FEMALE.ARMY.COUNTY.POP.YR86.TRY1
5/6	MALE.NAVY.COUNTY.POP.YR86.TRY1
5/7	FEMALE.NAVY.COUNTY.POP.YR86.TRY1
5/6	MALE.MARI.COUNTY.POP.YR86.TRY1
5/7	FEMALE.MARI.COUNTY.POP.YR86.TRY1
5/6	MALE.AIRF.COUNTY.POP.YR86.TRY1
5/7	FEMALE.AIRF.COUNTY.POP.YR86.TRY1

		SYSIN			
	DIRECTORY FILE	INSEX	SERV	REG	DIST
2/6	RES.STATE.CTY	1	ALL SERVICES	REGION	ST
	RES.STATE.CTY	2	ALL SERVICES	REGION	ST
2/5	RES.ARMY.CTY	1	ARMY	REGION	DRC
	RES.ARMY.CTY	2	ARMY	REGION	DRC
2/3	RES.NAVY.CTY	1	NAVY	AREA	NRD
	RES.NAVY.CTY	2	NAVY	AREA	NRD
2/4	RES.MARI.CTY	1	MARINE CORPS	DISTRICT	RS
	RES.MARI.CTY	2	MARINE CORPS	DISTRICT	RS
2/2	RES.AIRF.CTY	1	AIR FORCE	GROUP	DET
	RES.AIRF.CTY	2	AIR FORCE	GROUP	DET

Program name: STAT.SERV.MA	Program ID: P6-3

Purpose:

The purpose of this program is to list for all services the distribution of military available males or females by race, availability classification, and age for each county group within each state.

Author: Agnes Purcell

Computer/OS: IBM 360-370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 120K

Tape Drives: 1

CPU Time: 6 MIN

Disk Drives: 1

Print Lines: 15000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External	
COMP (SOURCE)	FREAD	MVECR
FSTPAG/NUPAG/CONTPG/LSTPAG/SUMPAG (SOURCE)	ASTSI	BNSCHI
INTCTY/CTYNAM/PRTCTY (SOURCE)	LISTI	
INTNAM/RDNAM (SOURCE)	LEAVE	
RDREG (SOURCE)		

Input Files:

FT05F001	INPUT DATA CARDS
FT09F001	COUNTY.INFO.FILE
FT10F001	MALE.ST.COUNTY.POP.YR86.TRY1
	FEMALE.ST.COUNTY.POP.YR86.TRY1
FT11F001	RES.STATE.CTY

Output Files:

FT21F001	COUNTY NAME RETRIEVAL DIAGNOSTIES
FT31F001	MILITARY AVAILABLE, WHITE RACE, BY SEX, AGES 17-21 REPORT
FT32F001	MILITARY AVAILABLE, BLACK RACE, BY SEX, AGES 17-21 REPORT
FT33F001	MILITARY AVAILABLE, OTHER RACE, BY SEX, AGES 17-21 REPORT
FT34F001	MILITARY AVAILABLE, ALL RACES, BY SEX, AGES 17-21 REPORT

FILE DOCUMENTATION

PROGRAM: P6-3 STAT.SERV.MA

FILE: FTØ5FØØ1 LRECL: 80

IO TYPE: INPUT BLKSIZE: 80

FILE TYPE: BCD RECFM: FB

DSN:

Column	Format(EBCDIC) Data Type(Binary)	Data Description
CARD 1		
1-2	I2	SEX(1=MALE, 2=FEMALE)
CARD 2		
1-12	3A4	SERVICE ALL SERVICES ARMY NAVY MARINE CORPS AIR FORCE
CARD 3		
1-8	2A4	REGION/AREA/DISTRICT/GROUP
CARD 4		
1-4	A4	DISTRICT DESIGNATION ST DRC NRD RS DET
CARD 5		
1-40	10A4	TITLE

FILE DOCUMENTATION

PROGRAM: P6-3 STAT.SERV.MA

FILE: FT09F001 LRECL: 140

IO TYPE: INPUT BLKSIZE: 7000

FILE TYPE: EBCDIC RECFM: FB

DSN: COUNTY.INFO.FILE

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	2X	FILLER
3-4	I2	FIPS STATE CODE
5-21	17A1	STATE NAME
22-23	A2	STATE ABBREVIATION
24-27	4X	FILLER
28-30	I3	COUNTY FIPS CODE
31-62	32A1	BASIC TRADING AREA (BTA) NAME
63-66	I4	BTA CODE
67-70	A4	TRADING AREA (TA) ABBR.
71-72	2X	FILLER
73-75	I3	MAJOR TRADING AREA (MTA) CODE
76-85	I10	POPULATION COUNTS (TOTAL)
86-87	2X	FILLER
88-94	I7	POPULATION COUNTS (BLACK)
95-103	I8	LAND AREA
104-112	I9	QMA POPULATION
113-120	F8.2	POPULATION DENSITY
121-122	2X	FILLER
123-140	18A1	COUNTY NAME

FILE DOCUMENTATION

PROGRAM: P6-3 STAT.SERV.MA

FILE: FT10F001 LRECL: 76

IO TYPE: INPUT BLKSIZE: 7600

FILE TYPE: BINARY RECFM: FB

DSN: MALE.ST.COUNTY.POP.YR86.TRY1
FEMALE.ST.COUNTY.POP.YR86.TRY1

Column	Format (EBCDIC) Data Type (Binary)	Data Description
1-2	INTEGER	REGION CODE
3-6		COUNTY CODE
7-8		SEX
9-10		RACE
11-12		AGE
13-14		HIGHEST GRADE COMPLETED
15-16		IN SCHOOL CODE
17-18		INSTITUTIONALIZED CODE
19-20		IN MILITARY CODE
21-22		VETERAN CODE
23-24		EMPLOYED CODE
25-26		SAMPLE
27-28		FILLER
29-32		INCOME (YES/NO)
33-36		INCOME (AMOUNT)
37-40	INTEGER	COUNT
41-44	REAL	ADJUSTED WEIGHT
45-48		COUNT MEN. CAT. I
49-52		II
53-56		III
57-60		IV
61-64		V
65-68		VI
69-72		COUNT MEN. CAT. VII
73-76	REAL	COUNT PHYS.UNFIT

FILE DOCUMENTATION

PROGRAM: P6-3 STAT.SERV.MA

FILE: FT11F001 LRECL: 80

IO TYPE: INPUT BLKSIZE: 7200

FILE TYPE: EBCDIC RECFM: FB

DSN: RES.STATE.CTY

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1st CARD FOR STATE		
1-2	I2	STATE CODE
3	1X	FILLER
4-5	A2	STATE ABBREVIATION
6-7	A2	CENSUS REGION
8	1X	FILLER
9-20	3A4	STATE NAME
21-80	10(1X,I5)	FIPS CODE LIST (MAXIMUM OF 10 CODES PER CARD)
CONTINUATION CARDS		
1-2	I2	STATE CODE
3-20	18X	FILLER
21-80	10(1X,I5)	FIPS CODES (MAXIMUM OF 10 CODES PER CARD)

Program name: STAT.SERV.MA	Program ID: P6-3

Purpose: The purpose of this program is to list for the Army the distribution of military available males or females by race, availability classification, and age for each county within each recruiting region.

Author: Agnes Purcell

Computer/OS: IBM 360-370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 120K

Tape Drives: 1

CPU Time: 6 MIN

Disk Drives: 1

Print Lines: 15000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External	
COMP (SOURCE)		
FSTPAG/NUPAG/CONTPG/LSTPAG/SUMPAG (SOURCE)	FREAD	MVECR
INTCTY/CTYNAM/PRTCTY (SOURCE)	ASTSI	BNSCHI
INTNAM/RDNAM (SOURCE)	LISTI	
RDREG (SOURCE)	LEAVE	

Input Files:

FT05F001	INPUT DATA CARDS
FT09F001	COUNTY.INFO.FILE
FT10F001	MALE.ARMY.COUNTY.POP.YR86.TRY1
	FEMALE.ARMY.COUNTY.POP.YR86.TRY1
FT11F001	RES.ARMY.CTY

Output Files:

FT21F001	COUNTY NAME RETRIEVAL DIAGNOSTICS
FT31F001	MILITARY AVAILABLE, WHITE RACE, BY SEX, AGES 17-21 REPORT
FT32F001	MILITARY AVAILABLE, BLACK RACE, BY SEX, AGES 17-21 REPORT
FT33F001	MILITARY AVAILABLE, OTHER RACE, BY SEX, AGES 17-21 REPORT
FT34F001	MILITARY AVAILABLE, ALL RACES, BY SEX, AGES 17-21 REPORT

FILE DOCUMENTATION

PROGRAM: P6-3 STAT.SERV.MA

FILE: FTØ5FØØ1 LRECL: 80

IO TYPE: INPUT BLKSIZE: 80

FILE TYPE: BCD RECFM: FB

DSN:

Column	Format(EBCDIC) Data Type(Binary)	Data Description
CARD 1		
1-2	I2	SEX(1=MALE, 2=FEMALE)
CARD 2		
1-12	3A4	SERVICE ALL SERVICES ARMY NAVY MARINE CORPS AIR FORCE
CARD 3		
1-8	2A4	REGION/AREA/DISTRICT/GROUP
CARD 4		
1-4	A4	DISTRICT DESIGNATION ST DRC NRD RS DET
CARD 5		
1-40	10A4	TITLE

FILE DOCUMENTATION

PROGRAM: P6-3 STAT.SERV.MA

FILE: FT09F001 LRECL: 140

IO TYPE: INPUT BLKSIZE: 7000

FILE TYPE: EBCDIC RECFM: FB

DSN: COUNTY.INFO.FILE

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	2X	FILLER
3-4	I2	FIPS STATE CODE
5-21	17A1	STATE NAME
22-23	A2	STATE ABBREVIATION
24-27	4X	FILLER
28-30	I3	COUNTY FIPS CODE
31-62	32A1	BASIC TRADING AREA (BTA) NAME
63-66	I4	BTA CODE
67-70	A4	TRADING AREA (TA) ABBR.
71-72	2X	FILLER
73-75	I3	MAJOR TRADING AREA (MTA) CODE
76-85	I10	POPULATION COUNTS (TOTAL)
86-87	2X	FILLER
88-94	I7	POPULATION COUNTS (BLACK)
95-103	I8	LAND AREA
104-112	I9	QMA POPULATION
113-120	F8.2	POPULATION DENSITY
121-122	2X	FILLER
123-140	18A1	COUNTY NAME

FILE DOCUMENTATION

PROGRAM: P6-3 STAT.SERV.MA

FILE: FT10F001

IO TYPE: INPUT

FILE TYPE: BINARY

LRECL: 76

BLKSIZE: 7600

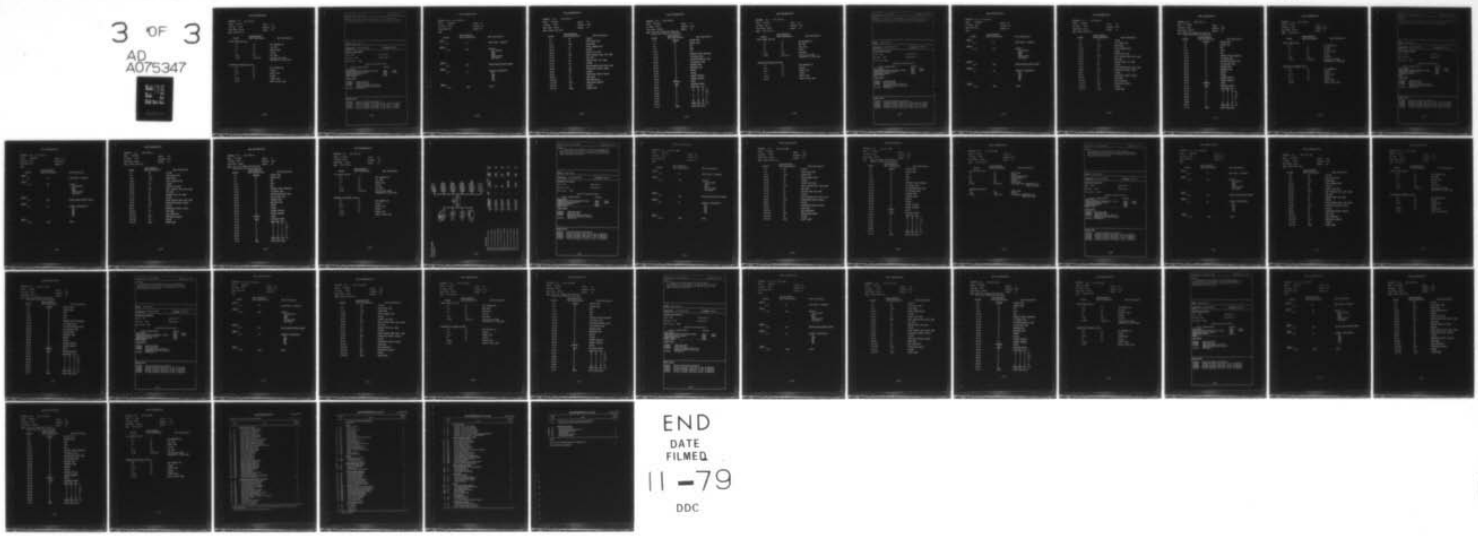
RECFM: FB

DSN: MALE.ARMY.COUNTY.POP.YR86.TRY1
FEMALE.ARMY.COUNTY.POP.YR86.TRY1

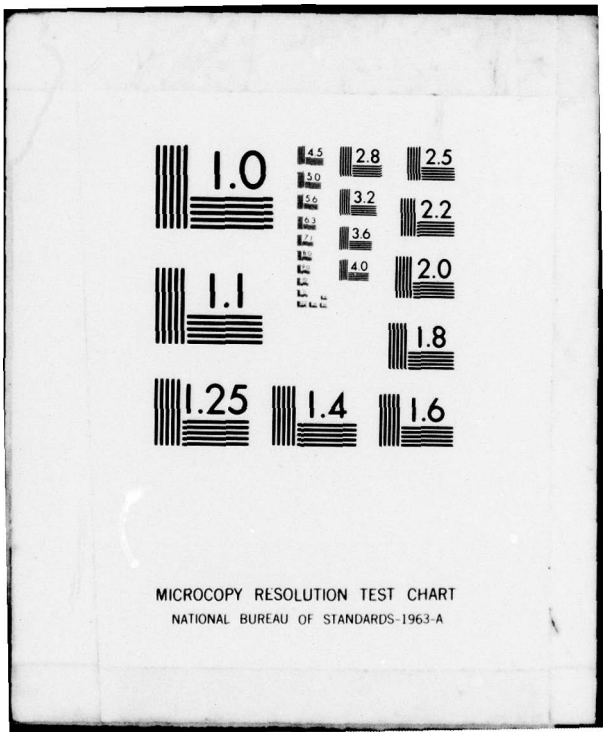
Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	INTEGER	REGION CODE
3-6		COUNTY CODE
7-8		SEX
9-10		RACE
11-12		AGE
13-14		HIGHEST GRADE COMPLETED
15-16		IN SCHOOL CODE
17-18		INSTITUTIONALIZED CODE
19-20		IN MILITARY CODE
21-22		VETERAN CODE
23-24		EMPLOYED CODE
25-26		SAMPLE
27-28		FILLER
29-32		INCOME (YES/NO)
33-36		INCOME (AMOUNT)
37-40	INTEGER	COUNT
41-44	REAL	ADJUSTED WEIGHT
45-48		COUNT MEN. CAT. I
49-52		II
53-56		III
57-60		IV
61-64		V
65-68		VI
69-72		COUNT MEN. CAT. VII
73-76	REAL	COUNT PHYS.UNFIT

AD-A075 347 GENERAL RESEARCH CORP MCLEAN VA F/G 15/5
THE QUALIFIED MILITARY AVAILABLE PROJECTION SYSTEM. VOLUME II. --ETC(U)
SEP 78 D F HUCK, A CREWS, G P SICA MDA903-75-C-0204
UNCLASSIFIED GRC-CR-224-VOL-2 NL

3 OF 3
AD A075347



END
DATE FILMED
11-79
DDC


1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
5.6
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

FILE DOCUMENTATION

PROGRAM: P6-3 STAT.SERV.MA

FILE: FT11F001 LRECL: 80

IO TYPE: INPUT BLKSIZE: 7200

FILE TYPE: EBCDIC RECFM: FB

DSN: RES.ARMY.CTY

Column	Format(EBCDIC) Data Type(Binary)	Data Description
FIRST RECORD FOR DRC		
1-2	I2	DRC SEQUENCE NO.
3-5	A3	DRC CODE
6-7	A2	REGION CODE
8	1X	FILLER
9-20	3A4	DRC NAME
21-80	10(1X,I5)	LIST OF FIPS CODES (MAXIMUM OF 10 PER CARD)
CONTINUATION RECORDS FOR DRC		
1-2	I2	DRC SEQUENCE NO.
3-9	7X	FILLER
10-14	I5	COUNTY FIPS
15	1X	FILLER
16-20	I5	COUNTY FIPS
21-80		SAME AS FIRST CARD

Program name: STAT.SERV.MA	Program ID: P6-3

Purpose: The purpose of this program is to list fot the Navy the distribution of military available males or females by race, availability classification, and age for each county within each recruiting region.

Author: Agnes Purcell

Computer/OS: IBM 360-370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 120K

Tape Drives: 1

CPU Time: 6 MIN

Disk Drives: 1

Print Lines: 15000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External	
COMP (SOURCE)		
FSTPAG/NUPAG/CONTPG/LSTPAG/SUMPAC (SOURCE)	FREAD	MVECR
INTCTY/CTYNAM/PRTCTY (SOURCE)	ASTSI	BNSCHI
INTNAM/RDNAM (SOURCE)	LISTI	
RDREG (SOURCE)	LEAVE	

Input Files:

FT05F001	INPUT DATA CARDS
FT09F001	COUNTY.INFO.FILE
FT10F001	MALE.NAVY.COUNTY.POP.YR86.TRY1
	FEMALE.NAVY.COUNTY.POP.YR86.TRY1
FT11F001	RES.NAVY.CTY

Output Files:

FT21F001	COUNTY NAME RETRIEVAL DIAGNOSTICS
FT31F001	MILITARY AVAILABLE, WHITE RACE, BY SEX, AGES 17-21 REPORT
FT32F001	MILITARY AVAILABLE, BLACK RACE, BY SEX, AGES 17-21 REPORT
FT33F001	MILITARY AVAILABLE, OTHER RACE, BY SEX, AGES 17-21 REPORT
FT34F001	MILITARY AVAILABLE, ALL RACES, BY SEX, AGES 17-21 REPORT

FILE DOCUMENTATION

PROGRAM: P6-3 STAT.SERV.MA

FILE: FTØ5FØØ1 LRECL: 80

IO TYPE: INPUT BLKSIZE: 80

FILE TYPE: BCD RECFM: FB

DSN:

Column	Format(EBCDIC) Data Type(Binary)	Data Description
CARD 1		
1-2	I2	SEX(1=MALE, 2=FEMALE)
CARD 2		
1-12	3A4	SERVICE ALL SERVICES ARMY NAVY MARINE CORPS AIR FORCE
CARD 3		
1-8	2A4	REGION/AREA/DISTRICT/GROUP
CARD 4		
1-4	A4	*DISTRICT DESIGNATION* ST DRC NRD RS DET
CARD 5		
1-40	10A4	TITLE

FILE DOCUMENTATION

PROGRAM: P6-3 STAT.SERV.MA

FILE: FT09F001

IO TYPE: INPUT

FILE TYPE: EBCDIC

DSN: COUNTY.INFO.FILE

LRECL: 140

BLKSIZE: 7000

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	2X	FILLER
3-4	I2	FIPS STATE CODE
5-21	17A1	STATE NAME
22-23	A2	STATE ABBREVIATION
24-27	4X	FILLER
28-30	I3	COUNTY FIPS CODE
31-62	32A1	BASIC TRADING AREA (BTA) NAME
63-66	I4	BTA CODE
67-70	A4	TRADING AREA (TA) ABBR.
71-72	2X	FILLER
73-75	I3	MAJOR TRADING AREA (MTA) CODE
76-85	I10	POPULATION COUNTS (TOTAL)
86-87	2X	FILLER
88-94	I7	POPULATION COUNTS (BLACK)
95-103	I8	LAND AREA
104-112	I9	QMA POPULATION
113-120	F8.2	POPULATION DENSITY
121-122	2X	FILLER
123-140	18A1	COUNTY NAME

FILE DOCUMENTATION

PROGRAM: P6-3 STAT.SERV.MA

FILE: FT10F001 LRECL: 76

IO TYPE: INPUT BLKSIZE: 7600

FILE TYPE: BINARY RECFM: FB

DSN: MALE.NAVY.COUNTY.POP.YR86.TRY1
FEMALE.NAVY.COUNTY.POP.YR86.TRY1

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	INTEGER	REGION CODE
3-6		COUNTY CODE
7-8		SEX
9-10		RACE
11-12		AGE
13-14		HIGHEST GRADE COMPLETED
15-16		IN SCHOOL CODE
17-18		INSTITUTIONALIZED CODE
19-20		IN MILITARY CODE
21-22		VETERAN CODE
23-24		EMPLOYED CODE
25-26		SAMPLE
27-28		FILLER
29-32		INCOME (YES/NO)
33-36		INCOME (AMOUNT)
37-40	INTEGER	COUNT
41-44	REAL	ADJUSTED WEIGHT
45-48		COUNT MEN. CAT. I
49-52		II
53-56		III
57-60		IV
61-64		V
65-68		VI
69-72		COUNT MEN. CAT. VII
73-76	REAL	COUNT PHYS.UNFIT

FILE DOCUMENTATION

PROGRAM: P6-3 STAT.SERV.MA

FILE: FT11F001

IO TYPE: INPUT

FILE TYPE: EBCDIC

DSN: RES.NAVY.CTY

LRECL: 80

BLKSIZE: 7200

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
FIRST RECORD FOR NRD		
1-2	I2	NRD SEQUENCE NO.
3-5	A3	NRD CODE
6-7	A2	AREA CODE
8	1X	FILLER
9-20	3A4	NRD NAME
21-80	10(1X,I5)	LIST OF FIPS CODES (MAXIMUM OF 10 PER CARD)
CONTINUATION RECORDS FOR NRD		
1-2	I2	NRD SEQUENCE NO.
3-9	7X	FILLER
10-14	I5	COUNTY FIPS
15	1X	FILLER
16-20	I5	COUNTY FIPS
21-80		SAME AS FIRST CARD

Program name: STAT.SERV.MA	Program ID: P6-3

Purpose: The purpose of this program is to list for the Marines the distribution of military available males or females by race, availability classification and age for each county within each recruiting region.

Author: Agnes Purcell

Computer/OS: IBM 360-370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 120K

Tape Drives: 1

CPU Time: 6 MIN

Disk Drives: 1

Print Lines: 15000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External	
COMP (SOURCE)	FREAD	MVECR
FSTPAG/NUPAG/CONTPG/LSTPAG/SUMPAG (SOURCE)	ASTSI	BNSCHI
INTCTY/CTYNAM/PRTCTY (SOURCE)	LISTI	
INTNAM/RDNAM (SOURCE)	LEAVE	
RDREG (SOURCE)		

Input Files:

FT05F001	INPUT DATA CARDS
FT09F001	COUNTY.INFO.FILE
FT10F001	MALE.MARI.COUNTY.POP.YR86.TRY1
	FEMALE.MARI.COUNTY.POP.YR86.TRY1
FT11F001	RES.MARI.CTY

Output Files:

FT21F001	COUNTY NAME RETRIEVAL DIAGNOSTICS
FT31F001	MILITARY AVAILABLE, WHITE RACE, BY SEX, AGES 17-21 REPORT
FT32F001	MILITARY AVAILABLE, BLACK RACE, BY SEX, AGES 17-21 REPORT
FT33F001	MILITARY AVAILABLE, OTHER RACE, BY SEX, AGES 17-21 REPORT
FT34F001	MILITARY AVAILABLE, ALL RACES, BY SEX, AGES 17-21 REPORT

FILE DOCUMENTATION

PROGRAM: P6-3 STAT.SERV.MA

FILE: FT05F001 LRECL: 80

IO TYPE: INPUT BLKSIZE: 80

FILE TYPE: BCD RECFM: FB

DSN:

Column	Format(EBCDIC) Data Type(Binary)	Data Description
CARD 1		
1-2	I2	SEX(1=MALE, 2=FEMALE)
CARD 2		
1-12	3A4	SERVICE ALL SERVICES ARMY NAVY MARINE CORPS AIR FORCE
CARD 3		
1-8	2A4	REGION/AREA/DISTRICT/GROUP
CARD 4		
1-4	A4	DISTRICT DESIGNATION ST DRC NRD RS DET
CARD 5		
1-40	10A4	TITLE

FILE DOCUMENTATION

PROGRAM: P6-3 STAT.SERV.MA

FILE: FT09F001 LRECL: 140

IO TYPE: INPUT BLKSIZE: 7000

FILE TYPE: EBCDIC RECFM: FB

DSN: COUNTY.INFO.FILE

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	2X	FILLER
3-4	I2	FIPS STATE CODE
5-21	17A1	STATE NAME
22-23	A2	STATE ABBREVIATION
24-27	4X	FILLER
28-30	I3	COUNTY FIPS CODE
31-62	32A1	BASIC TRADING AREA (BTA) NAME
63-66	I4	BTA CODE
67-70	A4	TRADING AREA (TA) ABBR.
71-72	2X	FILLER
73-75	I3	MAJOR TRADING AREA (MTA) CODE
76-85	I10	POPULATION COUNTS (TOTAL)
86-87	2X	FILLER
88-94	I7	POPULATION COUNTS (BLACK)
95-103	I8	LAND AREA
104-112	I9	QMA POPULATION
113-120	F8.2	POPULATION DENSITY
121-122	2X	FILLER
123-140	18A1	COUNTY NAME

FILE DOCUMENTATION

PROGRAM: P6-3 STAT.SERV.MA

FILE: FT10F001

IO TYPE: INPUT

FILE TYPE: BINARY

LRECL: 76

BLKSIZE: 7600

RECFM: FB

DSN: MALE.MARI. COUNTY.POP.YR86.TRY1
FEMALE.MARI.COUNTY.POP.YR86.TRY1

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	INTEGER	REGION CODE
3-6		COUNTY CODE
7-8		SEX
9-10		RACE
11-12		AGE
13-14		HIGHEST GRADE COMPLETED
15-16		IN SCHOOL CODE
17-18		INSTITUTIONALIZED CODE
19-20		IN MILITARY CODE
21-22		VETERAN CODE
23-24		EMPLOYED CODE
25-26		SAMPLE
27-28		FILLER
29-32		INCOME (YES/NO)
33-36		INCOME (AMOUNT)
37-40	INTEGER	COUNT
41-44	REAL	ADJUSTED WEIGHT
45-48		COUNT MEN. CAT. I
49-52		II
53-56		III
57-60		IV
61-64		V
65-68		VI
69-72		COUNT MEN. CAT. VII
73-76	REAL	COUNT PHYS.UNFIT

FILE DOCUMENTATION

PROGRAM: P6-3 STAT.SERV.MA

FILE: FT11F001 LRECL: 80

IO TYPE: INPUT BLKSIZE: 7200

FILE TYPE: EBCDIC RECFM: FB

DSN: RES.MARI.CTY

Column	Format(EBCDIC) Data Type(Binary)	Data Description
FIRST RECORD FOR RS		
1-2	I2	RS SEQUENCE NO.
3-5	A3	RS CODE
6-7	A2	DISTRICT CODE
8	1X	FILLER
9-20	3A4	RS NAME
21-80	10(1X,I5)	LIST OF FIPS CODES (MAXIMUM OF 10 PER CARD)
CONTINUATION RECORDS FOR RS		
1-2	I2	RS SEQUENCE NO.
3-9	7X	FILLER
10-14	I5	COUNTY FIPS
15	1X	FILLER
16-20	I5	COUNTY FIPS
21-80		SAME AS FIRST CARD

Program name: STAT.SERV.MA	Program ID: P6-3

Purpose:

The purpose of this program is to list for the Air Force the distribution of military available males or females by race, availability classification and age for each county within each recruiting region.

Author: Agnes Purcell

Computer/OS: IBM 360-370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 120K

Tape Drives: 1

CPU Time: 6 MIN

Disk Drives: 1

Print Lines: 15000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External	
COMP (SOURCE)	FREAD	MVECR
FSTPAG/NUPAG/CONTPG/LSTPAG/SUMPAG (SOURCE)	ASTSI	BNSCHI
INTCTY/CTYNAM/PRTCTY (SOURCE)	LISTI	
INTNAM/RDNAM (SOURCE)	LEAVE	
RDREG		

Input Files:

FT05F001	INPUT DATA CARDS
FT09F001	COUNTY.INFO.FILE
FT10F001	MALE.AIRF.COUNTY.POP.YR86.TRY1
	FEMALE.AIRF.COUNTY.POP.YR86.TRY1
FT11F001	RES.AIRF.CTY

Output Files:

FT21F001	COUNTY NAME RETRIEVAL DIAGNOSTICS
FT31F001	MILITARY AVAILABLE, WHITE RACE, BY SEX, AGES 17-21 REPORT
FT32F001	MILITARY AVAILABLE, BLACK RACE, BY SEX, AGES 17-21 REPORT
FT33F001	MILITARY AVAILABLE, OTHER RACE, BY SEX, AGES 17-21 REPORT
FT34F001	MILITARY AVAILABLE, ALL RACES, BY SEX, AGES 17-21 REPORT

FILE DOCUMENTATION

PROGRAM: P6-3 STAT.SERV.MA

FILE: FTØ5FØØ1 LRECL: 80

IO TYPE: INPUT BLKSIZE: 80

FILE TYPE: BCD RECFM: FB

DSN:

Column	Format(EBCDIC) Data Type(Binary)	Data Description
CARD 1		
1-2	I2	SEX(1=MALE, 2=FEMALE)
CARD 2		
1-12	3A4	SERVICE ALL SERVICES ARMY NAVY MARINE CORPS AIR FORCE
CARD 3		
1-8	2A4	REGION/AREA/DISTRICT/GROUP
CARD 4		
1-4	A4	DISTRICT DESIGNATION ST DRC NRD RS DET
CARD 5		
1-40	10A4	TITLE

FILE DOCUMENTATION

PROGRAM: P6-3 STAT.SERV.MA

FILE: FT09F001

IO TYPE: INPUT

FILE TYPE: EBCDIC

DSN: COUNTY.INFO.FILE

LRECL: 140

BLKSIZE: 7000

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	2X	FILLER
3-4	I2	FIPS STATE CODE
5-21	17A1	STATE NAME
22-23	A2	STATE ABBREVIATION
24-27	4X	FILLER
28-30	I3	COUNTY FIPS CODE
31-62	32A1	BASIC TRADING AREA (BTA) NAME
63-66	I4	BTA CODE
67-70	A4	TRADING AREA (TA) ABBR.
71-72	2X	FILLER
73-75	I3	MAJOR TRADING AREA (MTA) CODE
76-85	I10	POPULATION COUNTS (TOTAL)
86-87	2X	FILLER
88-94	I7	POPULATION COUNTS (BLACK)
95-103	I8	LAND AREA
104-112	I9	QMA POPULATION
113-120	F8.2	POPULATION DENSITY
121-122	2X	FILLER
123-140	18A1	COUNTY NAME

FILE DOCUMENTATION

PROGRAM: P6-3 STAT.SERV.MA

FILE: FT10F001 LRECL: 76

IO TYPE: INPUT BLKSIZE: 7600

FILE TYPE: BINARY RECFM: FB

DSN: MALE.AIRF.COUNTY.POP.YR86.TRY1
FEMALE.AIRF.COUNTY.POP.YR86.TRY1

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	INTEGER	REGION CODE
3-6		COUNTY CODE
7-8		SEX
9-10		RACE
11-12		AGE
13-14		HIGHEST GRADE COMPLETED
15-16		IN SCHOOL CODE
17-18		INSTITUTIONALIZED CODE
19-20		IN MILITARY CODE
21-22		VETERAN CODE
23-24		EMPLOYED CODE
25-26		SAMPLE
27-28		FILLER
29-32		INCOME (YES/NO)
33-36		INCOME (AMOUNT)
37-40	INTEGER	COUNT
41-44	REAL	ADJUSTED WEIGHT
45-48		COUNT MEN. CAT. I
49-52		II
53-56		III
57-60		IV
61-64		V
65-68		VI
69-72		COUNT MEN. CAT. VII
73-76	REAL	COUNT PHYS.UNFIT

FILE DOCUMENTATION

PROGRAM: P6-3 STAT.SERV.MA

FILE: FT11F001

IO TYPE: INPUT

FILE TYPE: EBCDIC

DSN: RES.AIRF.CTY

LRECL: 80

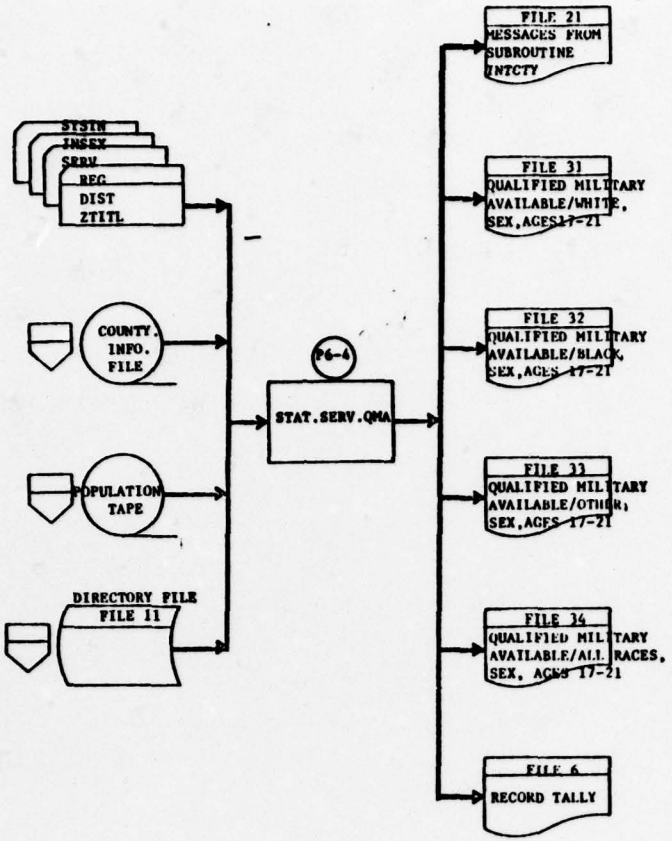
BLKSIZE: 7200

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1st RECORD FOR DET		
1-2	I2	DET SEQUENCE NO.
3-5	A3	DET CODE
6-7	A2	GROUP CODE
8	1X	FILLER
9-20	3A4	DRC NAME
21-80	10(1X,I5)	LIST OF FIPS CODES (MAXIMUM OF 10 PER CARD)
CONTINUATION RECORDS FOR DET		
1-2	I2	DET SEQUENCE NO.
3-9	7X	FILLER
10-14	I5	COUNTY FIPS
15	1X	FILLER
16-20	I5	COUNTY FIPS
21-80		SAME AS FIRST CARD

REPORT GENERATOR (CONTINUED)

STATE-SERVICE QMA



POPULATION TAPE

5/6	MALE.ST.COUNTY.POP.YR86.TRY1
5/7	FEMALE.ST.COUNTY.POP.YR86.TRY1
5/6	MALE.ARMY.COUNTY.POP.YR86.TRY1
5/7	FEMALE.ARMY.COUNTY.POP.YR86.TRY1
5/6	MALE.NAVY.COUNTY.POP.YR86.TRY1
5/7	FEMALE.NAVY.COUNTY.POP.YR86.TRY1
5/6	MALE.MARI.COUNTY.POP.YR86.TRY1
5/7	FEMALE.MARI.COUNTY.POP.YR86.TRY1
5/6	MALE.AIRF.COUNTY.POP.YR86.TRY1
5/7	FEMALE.AIRF.COUNTY.POP.YR86.TRY1

DIRECTORY FILE		SYSIN INSEX	SERV	REG	DIST
2/6	RES.STATE.CTY	1	ALL SERVICES	REGION	ST
	RES.STATE.CTY	2	ALL SERVICES	REGION	ST
2/5	RES.ARMY.CTY	1	ARMY	REGION	DRC
	RES.ARMY.CTY	2	ARMY	REGION	DRC
2/3	RES.NAVY.CTY	1	NAVY	AREA	NRD
	RES.NAVY.CTY	2	NAVY	AREA	NRD
2/4	RES.MARI.CTY	1	MARINE CORPS	DISTRICT	RS
	RES.MARI.CTY	2	MARINE CORPS	DISTRICT	RS
2/2	RES.AIRF.CTY	1	AIR FORCE	GROUP	DET
	RES.AIRF.CTY	2	AIR FORCE	GROUP	DET

Program name: STAT.SERV.QMA	Program ID: P6-4

Purpose:

The purpose of this program is to list for all services the distribution of qualified military available males or females by race, availability classification, and education level for each county group within each state.

Author: Agnes Purcell

Computer/OS: IBM 360-370/HASP	**Language:** FORTRAN G

Estimated Requirements:

Core: 120K — Tape Drives: 1

CPU Time: 6 MIN — Disk Drives: 1

Print Lines: 15000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External	
COMP (SOURCE)		
FSTPAG/NUPAG/CONTPG/LSTPAG/SUMPAG (SOURCE)	FREAD	MVECR
INTCTY/CTYNAM/PRTCTY (SOURCE)	ASTSI	BNSCHI
INTNAM/RDNAM (SOURCE)	LISTI	
RDREG (SOURCE)	LEAVE	

Input Files:

FT05F001	INPUT DATA CARDS
FT09F001	COUNTY.INFO.FILE
FT10F001	MALE.NAVY.COUNTY.POP.YR86.TRY1
	FEMALE.NAVY.COUNTY.POP.YR86.TRY1
FT11F001	RES.NAVY.CTY

Output Files:

FT21F001	COUNTY NAME RETRIEVAL DIAGNOSTICS
FT31F001	MILITARY AVAILABLE, WHITE RACE, BY SEX, BY EDUCATION
FT32F001	MILITARY AVAILABLE, BLACK RACE, BY SEX, BY EDUCATION
FT33F001	MILITARY AVAILABLE, OTHER RACE, BY SEX, BY EDUCATION
FT34F001	MILITARY AVAILABLE, ALL RACES, BY SEX, BY EDUCATION

FILE DOCUMENTATION

PROGRAM: P6-4 STAT.SERV. QMA

FILE: FTØ5FØØ1

IO TYPE: INPUT

FILE TYPE: BCD

DSN:

LRECL: 80

BLKSIZE: 80

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
CARD 1		
1-2	I2	SEX(1=MALE, 2=FEMALE)
CARD 2		
1-12	3A4	SERVICE ALL SERVICES ARMY NAVY MARINE CORPS AIR FORCE
CARD 3		
1-8	2A4	REGION/AREA/DISTRICT/GROUP
CARD 4		
1-4	A4	DISTRICT DESIGNATION ST DRC NRD RS DET
CARD 5		
1-40	10A4	TITLE

FILE DOCUMENTATION

PROGRAM: P6-4 STAT.SERV.QMA

FILE: FT09F001

IO TYPE: INPUT

FILE TYPE: EBCDIC

DSN: COUNTY.INFO.FILE

LRECL: 140

BLKSIZE: 7000

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	2X	FILLER
3-4	I2	FIPS STATE CODE
5-21	17A1	STATE NAME
22-23	A2	STATE ABBREVIATION
24-27	4X	FILLER
28-30	I3	COUNTY FIPS CODE
31-62	32A1	BASIC TRADING AREA (BTA) NAME
63-66	I4	BTA CODE
67-70	A4	TRADING AREA (TA) ABBR.
71-72	2X	FILLER
73-75	I3	MAJOR TRADING AREA (MTA) CODE
76-85	I10	POPULATION COUNTS (TOTAL)
86-87	2X	FILLER
88-94	I7	POPULATION COUNTS (BLACK)
95-103	I8	LAND AREA
104-112	I9	QMA POPULATION
113-120	F8.2	POPULATION DENSITY
121-122	2X	FILLER
123-140	18A1	COUNTY NAME

FILE DOCUMENTATION

PROGRAM: P6-4 STAT.SERV. QMA

FILE: FT10F001

IO TYPE: INPUT

FILE TYPE: BINARY

LRECL: 76

BLKSIZE: 7600

RECFM: FB

DSN: MALE.ST.COUNTY.POP.YR86.TRY1
FEMALE.ST.COUNTY.POP.YR86.TRY1

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	INTEGER	REGION CODE
3-6		COUNTY CODE
7-8		SEX
9-10		RACE
11-12		AGE
13-14		HIGHEST GRADE COMPLETED
15-16		IN SCHOOL CODE
17-18		INSTITUTIONALIZED CODE
19-20		IN MILITARY CODE
21-22		VETERAN CODE
23-24		EMPLOYED CODE
25-26		SAMPLE
27-28		FILLER
29-32		INCOME (YES/NO)
33-36		INCOME (AMOUNT)
37-40	INTEGER	COUNT
41-44	REAL	ADJUSTED WEIGHT
45-48		COUNT MEN. CAT. I
49-52		II
53-56		III
57-60		IV
61-64		V
65-68		VI
69-72		COUNT MEN. CAT. VII
73-76	REAL	COUNT PHYS.UNFIT

FILE DOCUMENTATION

PROGRAM: P6-4 STAT.SERV.QMA

FILE: FT11F001

IO TYPE: INPUT

FILE TYPE: EBCDIC

DSN: RES.STATE.CTY

LRECL: 80

BLKSIZE: 7200

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1st CARD FOR STATE		
1-2	I2	STATE CODE
3	1X	FILLER
4-5	A2	STATE ABBREVIATION
6-7	A2	CENSUS REGION
8	1X	FILLER
9-20	3A4	STATE NAME
21-80	10(1X,I5)	FIPS CODE LIST (MAXIMUM OF 10 CODES PER CARD)
CONTINUATION CARDS		
1-2	I2	STATE CODE
3-20	18X	FILLER
21-80	10(1X,I5)	FIPS CODES (MAXIMUM OF 10 CODES PER CARD)

Program name: STAT.SERV.QMA	Program ID: P6-4

Purpose:

The purpose of this program is to list for Army distribution of qualified military available males or females by race, availability classification, and education level for each county group within each state.

Author: Agnes Purcell

Computer/OS: IBM 360-370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 120K

Tape Drives: 1

CPU Time: 6 MIN

Disk Drives: 1

Print Lines: 15000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External	
COMP (SOURCE)		
FSTPAG/NUPAG/CONTPG/LSTPAG/SUMPAG (SOURCE)	FREAD	MVECR
INTCTY/CTYNAM/PRTCTY (SOURCE)	ASTSI	BNSCHI
INTNAM/RDNAM (SOURCE)	LISTI	
RDREG (SOURCE)	LEAVE	

Input Files:

FT05F001	INPUT DATA CARDS
FT09F001	COUNTY.INFO.FILE
FT10F001	MALE.ARMY.COUNTY.POP.YR86.TRY1
	FEMALE.ARMY.COUNTY.POP.YR86.TRY1
FT11F001	RES.ARMY.CTY

Output Files:

FT21F001	COUNTY NAME RETRIEVAL DIAGNOSTICS
FT31F001	MILITARY AVAILABLE, WHITE RACE, BY SEX, BY EDUCATION
FT32F001	MILITARY AVAILABLE, BLACK RACE, BY SEX, BY EDUCATION
FT33F001	MILITARY AVAILABLE, OTHER RACE, BY SEX, BY EDUCATION
FT34F001	MILITARY AVAILABLE, ALL RACES, BY SEX, BY EDUCATION

FILE DOCUMENTATION

PROGRAM: P6-4 STAT.SERV.QMA

FILE: FTØ5FØØ1 LRECL: 80

IO TYPE: INPUT BLKSIZE: 80

FILE TYPE: BCD RECFM: FB

DSN:

Column	Format(EBCDIC) Data Type(Binary)	Data Description
CARD 1		
1-2	I2	SEX(1=MALE, 2=FEMALE)
CARD 2		
1-12	3A4	SERVICE ALL SERVICES ARMY NAVY MARINE CORPS AIR FORCE
CARD 3		
1-8	2A4	REGION/AREA/DISTRICT/GROUP
CARD 4		
1-4	A4	DISTRICT DESIGNATION ST DRC NRD RS DET
CARD 5		
1-40	10A4	TITLE

FILE DOCUMENTATION

PROGRAM: P6-4 STAT.SERV.QMA

FILE: FT09F001

IO TYPE: INPUT

FILE TYPE: EBCDIC

DSN: COUNTY.INFO.FILE

LRECL: 140

BLKSIZE: 7000

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	2X	FILLER
3-4	I2	FIPS STATE CODE
5-21	17A1	STATE NAME
22-23	A2	STATE ABBREVIATION
24-27	4X	FILLER
28-30	I3	COUNTY FIPS CODE
31-62	32A1	BASIC TRADING AREA (BTA) NAME
63-66	I4	BTA CODE
67-70	A4	TRADING AREA (TA) ABBR.
71-72	2X	FILLER
73-75	I3	MAJOR TRADING AREA (MTA) CODE
76-85	I10	POPULATION COUNTS (TOTAL)
86-87	2X	FILLER
88-94	I7	POPULATION COUNTS (BLACK)
95-103	I8	LAND AREA
104-112	I9	QMA POPULATION
113-120	F8.2	POPULATION DENSITY
121-122	2X	FILLER
123-140	18A1	COUNTY NAME

FILE DOCUMENTATION

PROGRAM: P6-4 STAT.SERV.QMA

FILE: FT11F001

IO TYPE: INPUT

FILE TYPE: EBCDIC

DSN: RES.ARMY.CTY

LRECL: 80

BLKSIZE: 7200

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
FIRST RECORD FOR DRC		
1-2	I2	DRC SEQUENCE NO.
3-5	A3	DRC CODE
6-7	A2	REGION CODE
8	1X	FILLER
9-20	3A4	DRC NAME
21-80	10(1X,I5)	LIST OF FIPS CODES (MAXIMUM OF 10 PER CARD)
CONTINUATION RECORDS FOR DRC		
1-2	I2	DRC SEQUENCE NO.
3-9	7X	FILLER
10-14	I5	COUNTY FIPS
15	1X	FILLER
16-20	I5	COUNTY FIPS
21-80		SAME AS FIRST CARD

FILE DOCUMENTATION

PROGRAM: P6-4 STAT.SERV. QMA

FILE: FT10F001

IO TYPE: INPUT

FILE TYPE: BINARY

DSN: MALE.ARMY.COUNTY.POP.YR86.TRY1
FEMALE.ARMY.COUNTY.POP.YR86.TRY1

LRECL: 76

BLKSIZE: 7600

RECFM: FB

Column	Format (EBCDIC) Data Type (Binary)	Data Description
1-2	INTEGER	REGION CODE
3-6		COUNTY CODE
7-8		SEX
9-10		RACE
11-12		AGE
13-14		HIGHEST GRADE COMPLETED
15-16		IN SCHOOL CODE
17-18		INSTITUTIONALIZED CODE
19-20		IN MILITARY CODE
21-22		VETERAN CODE
23-24		EMPLOYED CODE
25-26		SAMPLE
27-28		FILLER
29-32		INCOME (YES/NO)
33-36		INCOME (AMOUNT)
37-40	INTEGER	COUNT
41-44	REAL	ADJUSTED WEIGHT
45-48		COUNT MEN. CAT. I
49-52		II
53-56		III
57-60		IV
61-64		V
65-68		VI
69-72		COUNT MEN. CAT. VII
73-76	REAL	COUNT PHYS.UNFIT

Program name: STAT.SERV.QMA	Program ID: P6-4

Purpose:

The purpose of this program is to list for Marine Corps distribution of qualified military available males or females by race, availability classification, and education level for each county group within each state.

Author: Agnes Purcell

Computer/OS: IBM 360-370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 120K

Tape Drives: 1

CPU Time: 6 MIN

Disk Drives: 1

Print Lines: 15000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External	
COMP (SOURCE)	FREAD	MVECR
FSTPAG/NUPAG/CONTPG/LSTPAG/SUMPAG (SOURCE)	ASTSI	BNSCHI
INTCTY/CTYNAM/PRTCTY (SOURCE)	LISTI	
INTNAM/RDNAM (SOURCE)	LEAVE	
RDREG (SOURCE)		

Input Files:

FT05F001	INPUT DATA CARDS
FT09F001	COUNTY.INFO.FILE
FT10F001	MALE.MARI.COUNTY.POP.YR86.TRY1
	FEMALE.MARI.COUNTY.POP.YR86.TRY1
FT11F001	RES.MARI.CTY

Output Files:

FT21F001	COUNTY NAME RETRIEVAL DIAGNOSTICS
FT31F001	MILITARY AVAILABLE, WHITE RACE, BY SEX, BY EDUCATION
FT32F001	MILITARY AVAILABLE, BLACK RACE, BY SEX, BY EDUCATION
FT33F001	MILITARY AVAILABLE, OTHER RACE, BY SEX, BY EDUCATION
FT34F001	MILITARY AVAILABLE, ALL RACES, BY SEX, BY EDUCATION

FILE DOCUMENTATION

PROGRAM: P6-4 STAT.SERV.QMA
FILE: FTØ5FØØ1
IO TYPE: INPUT
FILE TYPE: BCD
DSN:

LRECL: 80
BLKSIZE: 80
RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
CARD 1		
1-2	I2	SEX(1=MALE, 2=FEMALE)
CARD 2		
1-12	3A4	SERVICE ALL SERVICES ARMY NAVY MARINE CORPS AIR FORCE
CARD 3		
1-8	2A4	REGION/AREA/DISTRICT/GROUP
CARD 4		
1-4	A4	DISTRICT DESIGNATION ST DRC NRD RS DET
CARD 5		
1-40	10A4	TITLE

FILE DOCUMENTATION

PROGRAM: P6-4 STAT.SERV.QMA

FILE: FT09F001

IO TYPE: INPUT

FILE TYPE: EBCDIC

DSN: COUNTY.INFO.FILE

LRECL: 140

BLKSIZE: 7000

RECFM: FB

Column	Format (EBCDIC) Data Type (Binary)	Data Description
1-2	2X	FILLER
3-4	I2	FIPS STATE CODE
5-21	17A1	STATE NAME
22-23	A2	STATE ABBREVIATION
24-27	4X	FILLER
28-30	I3	COUNTY FIPS CODE
31-62	32A1	BASIC TRADING AREA (BTA) NAME
63-66	I4	BTA CODE
67-70	A4	TRADING AREA (TA) ABBR.
71-72	2X	FILLER
73-75	I3	MAJOR TRADING AREA (MTA) CODE
76-85	I10	POPULATION COUNTS (TOTAL)
86-87	2X	FILLER
88-94	I7	POPULATION COUNTS (BLACK)
95-103	I8	LAND AREA
104-112	I9	QMA POPULATION
113-120	F8.2	POPULATION DENSITY
121-122	2X	FILLER
123-140	18A1	COUNTY NAME

FILE DOCUMENTATION

PROGRAM: P6-4 STAT.SERV.QMA

FILE: FT11F001

IO TYPE: INPUT

FILE TYPE: EBCDIC

DSN: RES.NAVY.CTY

LRECL: 80

BLKSIZE: 7200

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
FIRST RECORD FOR NRD		
1-2	I2	NRD SEQUENCE NO.
3-5	A3	NRD CODE
6-7	A2	AREA CODE
8	1X	FILLER
9-20	3A4	NRD NAME
21-80	10(1X,I5)	LIST OF FIPS CODES (MAXIMUM OF 10 PER CARD)
CONTINUATION RECORDS FOR NRD		
1-2	I2	NRD SEQUENCE NO.
3-9	7X	FILLER
10-14	I5	COUNTY FIPS
15	1X	FILLER
16-20	I5	COUNTY FIPS
21-80		SAME AS FIRST CARD

FILE DOCUMENTATION

PROGRAM: P6-4 STAT.SERV.QMA

FILE: FT10F001

IO TYPE: INPUT

FILE TYPE: BINARY

DSN: MALE.NAVY.COUNTY.POP.YR86.TRY1
FEMALE.NAVY.COUNTY.POP.YR86.TRY1

LRECL: 76

BLKSIZE: 7600

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	INTEGER	REGION CODE
3-6		COUNTY CODE
7-8		SEX
9-10		RACE
11-12		AGE
13-14		HIGHEST GRADE COMPLETED
15-16		IN SCHOOL CODE
17-18		INSTITUTIONALIZED CODE
19-20		IN MILITARY CODE
21-22		VETERAN CODE
23-24		EMPLOYED CODE
25-26		SAMPLE
27-28		FILLER
29-32		INCOME (YES/NO)
33-36		INCOME (AMOUNT)
37-40	INTEGER	COUNT
41-44	REAL	ADJUSTED WEIGHT
45-48		COUNT MEN. CAT. I
49-52		II
53-56		III
57-60		IV
61-64		V
65-68		VI
69-72		COUNT MEN. CAT. VII
73-76	REAL	COUNT PHYS.UNFIT

Program name: STAT.SERV.QMA	Program ID: P6-4

Purpose:

The purpose of this program is to list for Navy distribution of qualified military available males or females by race, availability classification, and education level for each county group within each state.

Author: Agnes Purcell

Computer/OS: IBM 360-370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 120K

Tape Drives: 1

CPU Time: 6 MIN

Disk Drives: 1

Print Lines: 15000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External	
COMP (SOURCE)		
FSTPAG/NUPAG/CONTPG/LSTPAG/SUMPAG (SOURCE)	FREAD	MVECR
INTCTY/CTYNAM/PRTCTY (SOURCE)	ASTSI	BNSCHI
INTNAM/RDNAM (SOURCE)	LISTI	
RDREG (SOURCE)	LEAVE	

Input Files:

FT05F001	INPUT DATA CARDS
FT09F001	COUNTY.INFO.FILE
FT10F001	MALE.NAVY.COUNTY.POP.YR86.TRY1
	FEMALE.NAVY.COUNTY.POP.YR86.TRY1
FT11F001	RES.NAVY.CTY

Output Files:

FT21F001	COUNTY NAME RETRIEVAL DIAGNOSTICS
FT31F001	MILITARY AVAILABLE, WHITE RACE, BY SEX, BY EDUCATION
FT32F001	MILITARY AVAILABLE, BLACK RACE, BY SEX, BY EDUCATION
FT33F001	MILITARY AVAILABLE, OTHER RACE, BY SEX, BY EDUCATION
FT34F001	MILITARY AVAILABLE, ALL RACES, BY SEX, BY EDUCATION

FILE DOCUMENTATION

PROGRAM: P6-4 STAT.SERV.QMA

FILE: FTØ5FØØ1

IO TYPE: INPUT

FILE TYPE: BCD

DSN:

LRECL: 80

BLKSIZE: 80

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
CARD 1		
1-2	I2	SEX(1=MALE, 2=FEMALE)
CARD 2		
1-12	3A4	SERVICE ALL SERVICES ARMY NAVY MARINE CORPS AIR FORCE
CARD 3		
1-8	2A4	REGION/AREA/DISTRICT/GROUP
CARD 4		
1-4	A4	DISTRICT DESIGNATION ST DRC NRD RS DET
CARD 5		
1-40	10A4	TITLE

FILE DOCUMENTATION

PROGRAM: P6-4 STAT.SERV. QMA

FILE: FT09F001

IO TYPE: INPUT

FILE TYPE: EBCDIC

DSN: COUNTY.INFO.FILE

LRECL: 140

BLKSIZE: 7000

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	2X	FILLER
3-4	I2	FIPS STATE CODE
5-21	17A1	STATE NAME
22-23	A2	STATE ABBREVIATION
24-27	4X	FILLER
28-30	I3	COUNTY FIPS CODE
31-62	32A1	BASIC TRADING AREA (BTA) NAME
63-66	I4	BTA CODE
67-70	A4	TRADING AREA (TA) ABBR.
71-72	2X	FILLER
73-75	I3	MAJOR TRADING AREA (MTA) CODE
76-85	I10	POPULATION COUNTS (TOTAL)
86-87	2X	FILLER
88-94	I7	POPULATION COUNTS (BLACK)
95-103	I8	LAND AREA
104-112	I9	QMA POPULATION
113-120	F8.2	POPULATION DENSITY
121-122	2X	FILLER
123-140	18A1	COUNTY NAME

FILE DOCUMENTATION

PROGRAM: P6-4 STAT.SERV. QMA

FILE: FT10F001

IO TYPE: INPUT

FILE TYPE: BINARY

DSN: MALE.MARI. COUNTY.POP.YR86.TRY1
FEMALE.MARI.COUNTY.POP.YR86.TRY1

LRECL: 76

BLKSIZE: 7600

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	INTEGER	REGION CODE
3-6		COUNTY CODE
7-8		SEX
9-10		RACE
11-12		AGE
13-14		HIGHEST GRADE COMPLETED
15-16		IN SCHOOL CODE
17-18		INSTITUTIONALIZED CODE
19-20		IN MILITARY CODE
21-22		VETERAN CODE
23-24		EMPLOYED CODE
25-26		SAMPLE
27-28		FILLER
29-32		INCOME (YES/NO)
33-36		INCOME (AMOUNT)
37-40	INTEGER	COUNT
41-44	REAL	ADJUSTED WEIGHT
45-48		COUNT MEN. CAT. I
49-52		II
53-56		III
57-60		IV
61-64		V
65-68		VI
69-72		COUNT MEN. CAT. VII
73-76	REAL	COUNT PHYS.UNFIT

FILE DOCUMENTATION

PROGRAM: P6-4 STAT.SERV.QMA

FILE: FT11F001

IO TYPE: INPUT

FILE TYPE: EBCDIC

DSN: RES.MARI.CTY

LRECL: 80

BLKSIZE: 7200

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
FIRST RECORD FOR RS		
1-2	I2	RS SEQUENCE NO.
3-5	A3	RS CODE
6-7	A2	DISTRICT CODE
8	1X	FILLER
9-20	3A4	RS NAME
21-80	10(1X,I5)	LIST OF FIPS CODES (MAXIMUM OF 10 PER CARD)
CONTINUATION RECORDS FOR RS		
1-2	I2	RS SEQUENCE NO.
3-9	7X	FILLER
10-14	I5	COUNTY FIPS
15	1X	FILLER
16-20	I5	COUNTY FIPS
21-80		SAME AS FIRST CARD

Program name: STAT.SERV. QMA	Program ID: P6-4

Purpose:

The purpose of this program is to list for Air Force distribution of qualified military available males or females by race, availability classification, and education level for each county group within each state.

Author: Agnes Purcell

Computer/OS: IBM 360-370/HASP	Language: FORTRAN G

Estimated Requirements:

Core: 120K

Tape Drives: 1

CPU Time: 6 MIN

Disk Drives: 1

Print Lines: 15000

Subroutine name/entry/entry...

Internal (SOURCE/OBJECT)	External	
COMP (SOURCE)	FREAD	MVECR
FSTPAG/NUPAG/CONTPG/LSTPAG/SUMPAG (SOURCE)	ASTSI	BNSCHI
INTCTY/CTYNAM/PRTCTY (SOURCE)	LISTI	
INTNAM/RDNAM (SOURCE)	LEAVE	
RDREG		

Input Files:

FT05F001	INPUT DATA CARDS
FT09F001	COUNTY.INFO.FILE
FT10F001	MALE.AIRF.COUNTY.POP.YR86.TRY1
	FEMALE.AIRF.COUNTY.POP.YR86.TRY1
FT11F001	RES.AIRF.CTY

Output Files:

FT21F001	COUNTY NAME RETRIEVAL DIAGNOSTICS
FT31F001	MILITARY AVAILABLE, WHITE RACE, BY SEX, BY EDUCATION
FT32F001	MILITARY AVAILABLE, BLACK RACE, BY SEX, BY EDUCATION
FT33F001	MILITARY AVAILABLE, OTHER RACE, BY SEX, BY EDUCATION
FT34F001	MILITARY AVAILABLE, ALL RACES, BY SEX, BY EDUCATION

FILE DOCUMENTATION

PROGRAM: P6-4 STAT.SERV. QMA

FILE: FTØ5FØØ1 LRECL: 80

IO TYPE: INPUT BLKSIZE: 80

FILE TYPE: BCD RECFM: FB

DSN:

Column	Format(EBCDIC) Data Type(Binary)	Data Description
CARD 1		
1-2	I2	SEX(1=MALE, 2=FEMALE)
CARD 2		
1-12	3A4	SERVICE ALL SERVICES ARMY NAVY MARINE CORPS AIR FORCE
CARD 3		
1-8	2A4	REGION/AREA/DISTRICT/GROUP
CARD 4		
1-4	A4	DISTRICT DESIGNATION ST DRC NRD RS DET
CARD 5		
1-40	10A4	TITLE

FILE DOCUMENTATION

PROGRAM: P6-4 STAT.SERV.QMA

FILE: FT09F001 LRECL: 140

IO TYPE: INPUT BLKSIZE: 7000

FILE TYPE: EBCDIC RECFM: FB

DSN: COUNTY.INFO.FILE

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	2X	FILLER
3-4	I2	FIPS STATE CODE
5-21	17A1	STATE NAME
22-23	A2	STATE ABBREVIATION
24-27	4X	FILLER
28-30	I3	COUNTY FIPS CODE
31-62	32A1	BASIC TRADING AREA (BTA) NAME
63-66	I4	BTA CODE
67-70	A4	TRADING AREA (TA) ABBR.
71-72	2X	FILLER
73-75	I3	MAJOR TRADING AREA (MTA) CODE
76-85	I10	POPULATION COUNTS (TOTAL)
86-87	2X	FILLER
88-94	I7	POPULATION COUNTS (BLACK)
95-103	I8	LAND AREA
104-112	I9	QMA POPULATION
113-120	F8.2	POPULATION DENSITY
121-122	2X	FILLER
123-140	18A1	COUNTY NAME

FILE DOCUMENTATION

PROGRAM: P6-4 STAT.SERV.QMA

FILE: FT10F001

IO TYPE: INPUT

FILE TYPE: BINARY

LRECL: 76

BLKSIZE: 7600

RECFM: FB

DSN: MALE.AIRF.COUNTY.POP.YR86.TRY1
FEMALE.AIRF.COUNTY.POP.YR86.TRY1

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1-2	INTEGER	REGION CODE
3-6		COUNTY CODE
7-8		SEX
9-10		RACE
11-12		AGE
13-14		HIGHEST GRADE COMPLETED
15-16		IN SCHOOL CODE
17-18		INSTITUTIONALIZED CODE
19-20		IN MILITARY CODE
21-22		VETERAN CODE
23-24		EMPLOYED CODE
25-26		SAMPLE
27-28		FILLER
29-32		INCOME (YES/NO)
33-36		INCOME (AMOUNT)
37-40	INTEGER	COUNT
41-44	REAL	ADJUSTED WEIGHT
45-48		COUNT MEN. CAT. I
49-52		II
53-56		III
57-60		IV
61-64		V
65-68		VI
69-72		COUNT MEN. CAT. VII
73-76	REAL	COUNT PHYS.UNFIT

FILE DOCUMENTATION

PROGRAM: P6-4 STAT.SERV.QMA

FILE: FT11F001

IO TYPE: INPUT

FILE TYPE: EBCDIC

DSN: RES.AIRF.CTY

LRECL: 80

BLKSIZE: 7200

RECFM: FB

Column	Format(EBCDIC) Data Type(Binary)	Data Description
1st RECORD FOR DET		
1-2	I2	DET SEQUENCE NO.
3-5	A3	DET CODE
6-7	A2	GROUP CODE
8	1X	FILLER
9-20	3A4	DRC NAME
21-80	10(1X,I5)	LIST OF FIPS CODES (MAXIMUM OF 10 PER CARD)
CONTINUATION RECORDS FOR DET		
1-2	I2	DET SEQUENCE NO.
3-9	7X	FILLER
10-14	I5	COUNTY FIPS
15	1X	FILLER
16-20	I5	COUNTY FIPS
21-80		SAME AS FIRST CARD

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