



UNITED STATES DEPARTMENT OF COMMERCE
Bureau of the Census
Washington, D.C. 20233

December 18, 1987

MEMORANDUM FOR Thomas C. Walsh
Chief, Demographic Surveys Division

From: Paula J. Schneider
Chief, Population Division

Subject: Proposed Other Income Edit and Allocation Specifications:
March CPS Rewrite

Attached are proposed specifications for the "other" income edit and allocation portion of the March CPS rewrite. Other income refers to all income types other than earnings. Please direct any comments to Charles Nelson of the Income Statistics Branch.

Attachment

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OTHER INCOME EDITS AND ALLOCATIONS

This portion of the processing system will differ from the current system in that only supplement interviews will go through these edits and allocations. Supplement refusals, nonmatches, and supplement "interviews" in which there is not enough supplement information to justify the creation of a supplement record will be handled through a separate statistical match. Under the current system, all missing other income data are edited and allocated during this phase of the processing system.

The proposed other income processing system will consist of three operations:

- 1) Consistency Edit
- 2) Reciprocity Allocation
- 3) Amounts Allocation

Each of the operations is explained in detail below.

- 1) Consistency Edit.--The purpose of this edit is to create edited other income fields for each March supplement person record. It splits joint income amounts and reconciles each person's data with the household screener items employed by the CPS-665 questionnaire on pages 7-14. The edit blanks inconsistent responses and performs a small number of hot deck allocations. The specifications for this edit are shown in Attachment I.
- 2) Reciprocity Allocation.--This operation will be completed on the same "pass" of the file as the consistency edit. The purpose of this step is to complete other income reciprocity patterns for all persons with incomplete reciprocity after the consistency edit. Since the allocation is restricted

to supplement interviews, it is expected that these allocations will not be utilized very often. For instance, under the current system, reciprocity on most "other" income types is allocated 10-11 percent of the time. Of those, approximately 2 percent are supplement interviews and would conceivably be allocated during this operation. The other 8-9 percent would be allocated in the noninterview statistical match. The other income reciprocity allocations will be made using a series of hot deck matrices. The specifications for these matrices are shown in Attachment II. We would propose that at least one-quarter of the file would be processed through the system to load the hot decks before any allocations are made.

- 3) Amount Allocation.--This allocation will require a separate pass of the file since it involves a statistical matching process. In this procedure, all interviewed supplement persons with one or more missing dollar amounts will be statistically matched to respondents who reported the dollar amounts in question. The matching characteristics are defined by the "keys" shown in Attachment III. There are two keys for each income type. The second key would only be used if there was no match on the first key. If there is no match on either key (which should be a rare occurrence) the missing dollar amount will be imputed from a matrix. On each of the property income types (interest, dividends, and rent) husbands and wives with missing dollar amounts will be matched as a pair to husbands and wives who reported that type of property income.

OTHER INCOME CONSISTENCY EDIT SPECIFICATIONS

Already Included Edit - Social Security
(Household edit)

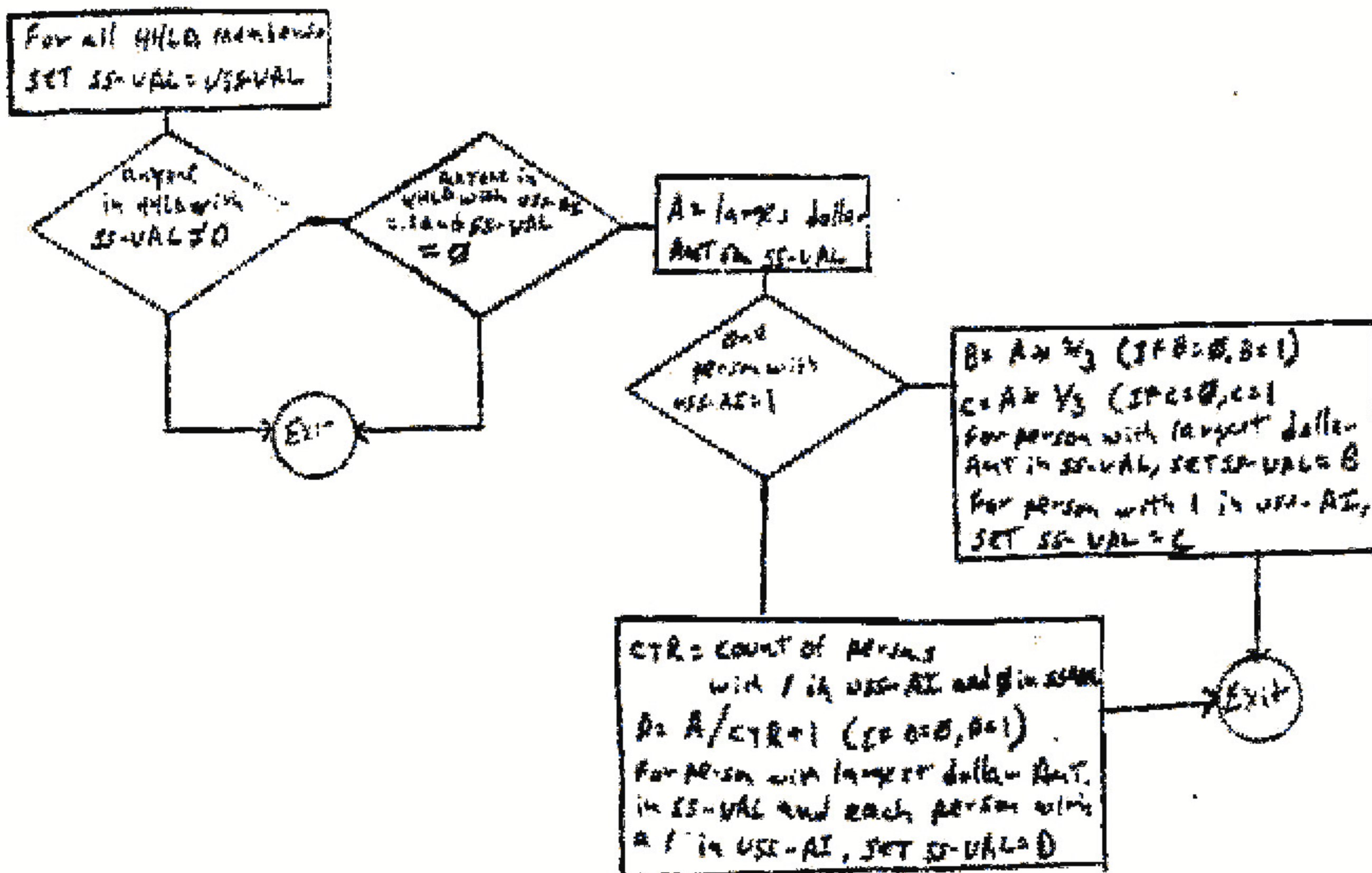
INPUT FIELDS

USS-VAL

USE-AI

OUTPUT FIELD

SS-VAL

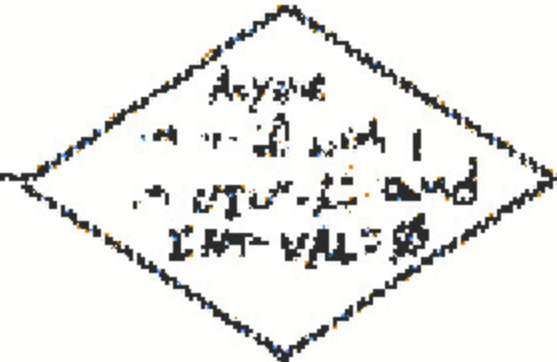


Already Included edit - Interest

Input Fields
 VINT-VAL
 VINT-RI

Output Field
 INT-VAL

For all HHD members
 set INT-VAL = USVT-VAL



A = largest B in INT-VAL
 CTR = count of persons with
 1 in VINT-RI and B in INT-VAL
 $B = A / CTR + 1$ (if B=0, B=1)
 For person with largest dollar
 AMT in INT-VAL and each person
 with 1 in VINT-RI, SET SS-VAL
 = B

Already Included edit - Dividends
 Same as interest edit

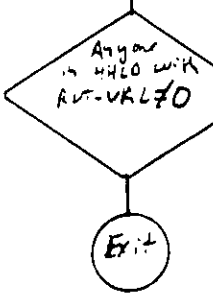
Input Fields
 VDIV-VAL

Output Field
 DIV-VAL

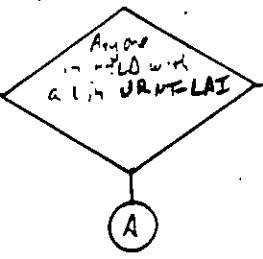
Already Included edit - Rent

Input Fields Output Fields
 URNT-VAL RNT-VAL
 URNT-AMT
 URNT-L

For all household members
 set RNT-VAL = URNT-VAL



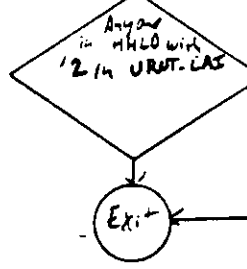
Exit



A

For all persons with RNT-VAL $\neq 0$ and URNT-LAI = 1
 set RNT-VAL = -RNT-VAL

A



Exit

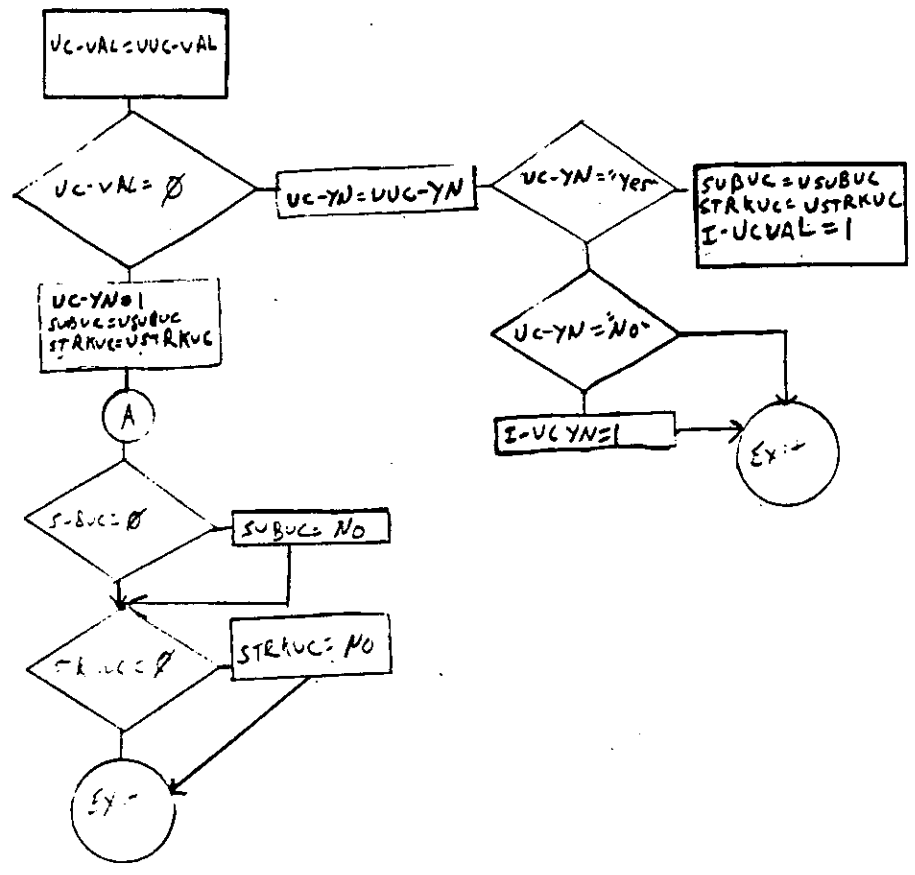
A = largest AMT in RNT-VAL
 CTR = count of persons with 2 in URNT-LAI
 B = A / CTR + 1 (if B = 0, B = 1)
 For person with largest AMT in RNT-VAL and each person with 2 in URNT-LAI, set RNT-VAL = B

Unemployment compensation edit

Input Fields
 UUC-YN
 USUBUC
 USTRKUC
 UUC-VAL

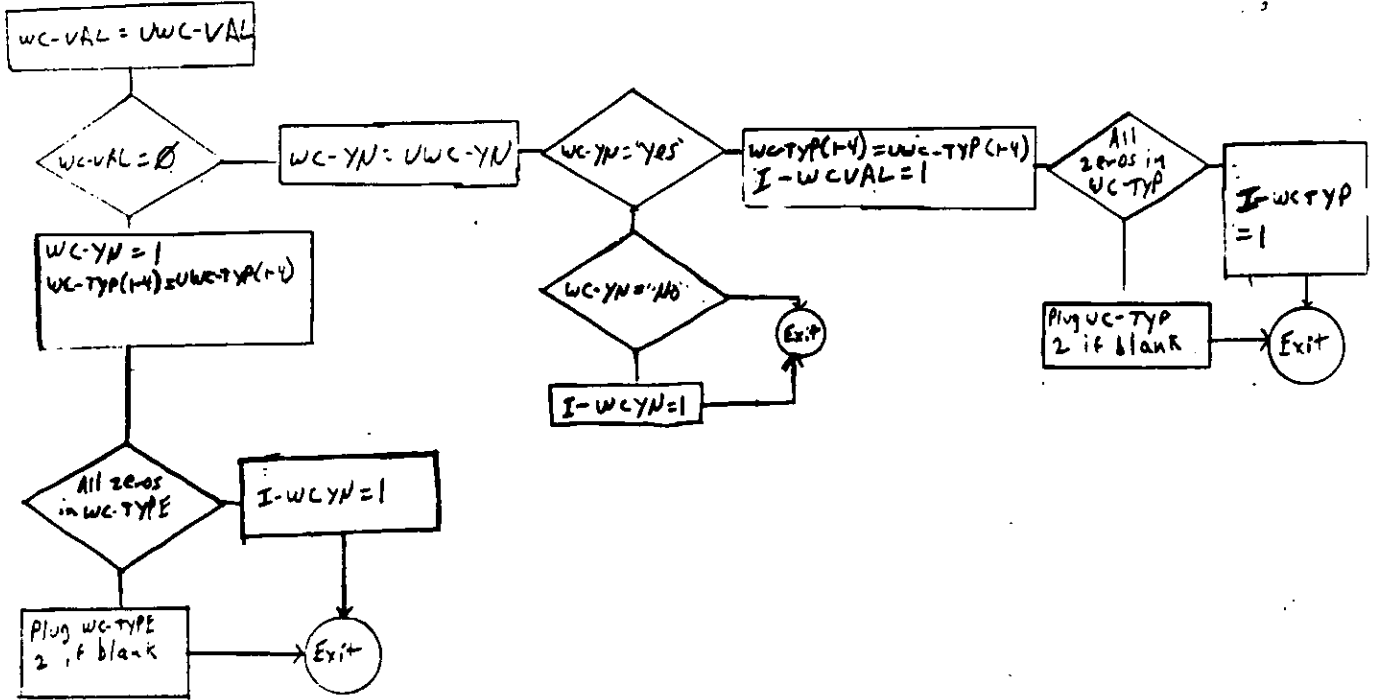
Output Fields
 UC-YN
 SUBUC
 STRKUC
 UC-VAL

Imputation Flags
 I-UCYN
 I-UCVAL



Workers Compensation edits

Input fields (subscript) Output fields (subscript) Temp flags
 UWC-YN WC-YN I-WCYN
 UWC-VAL WC-VAL I-WCTYP
 UWC-TYPE(4) WC-TYPE(4) I-WCVAL



Social Security Edit: Input Fields

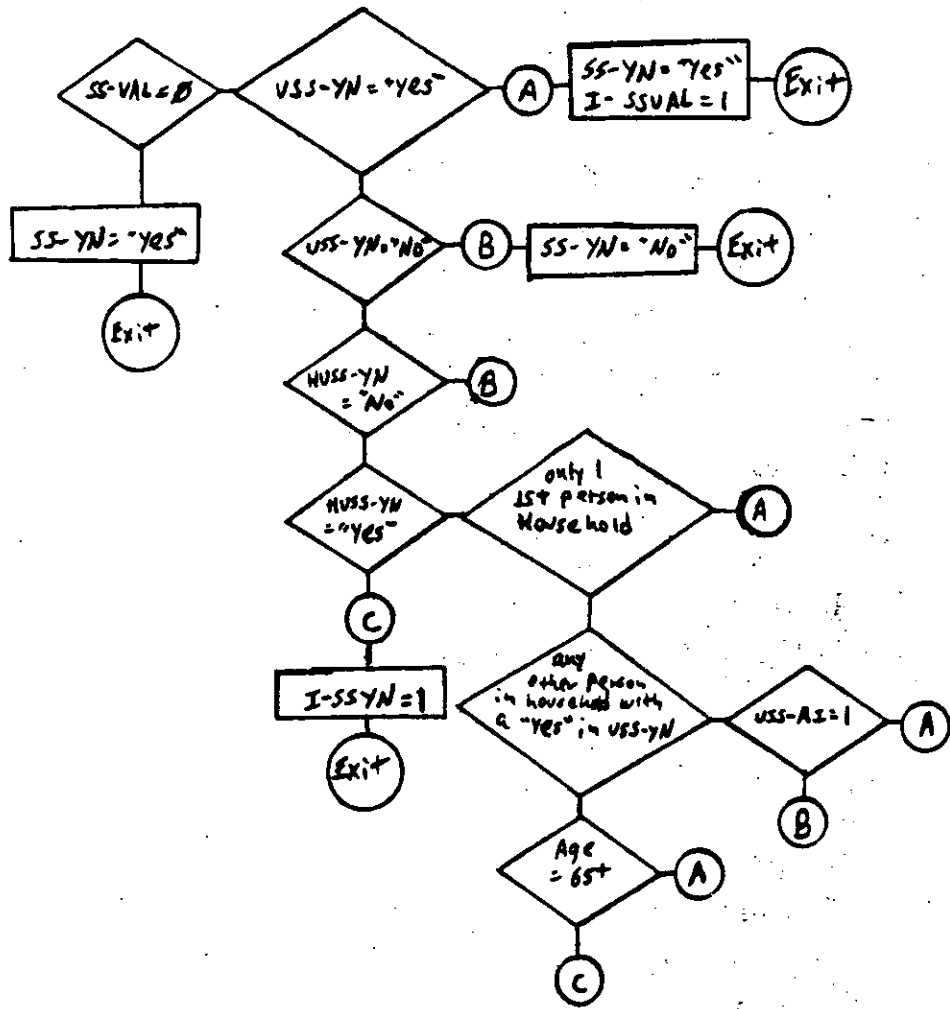
Output Fields

Imputation Flags

HUSS-YN
 USS-YN
 SS-VAL
 USS-AI

SS-YN
 SS-VAL

I-SSYN
 I-SSVAL



SSI Edit:

Input Fields

Output Fields

Imp Flags

HV SSI-YN

USSI-YN

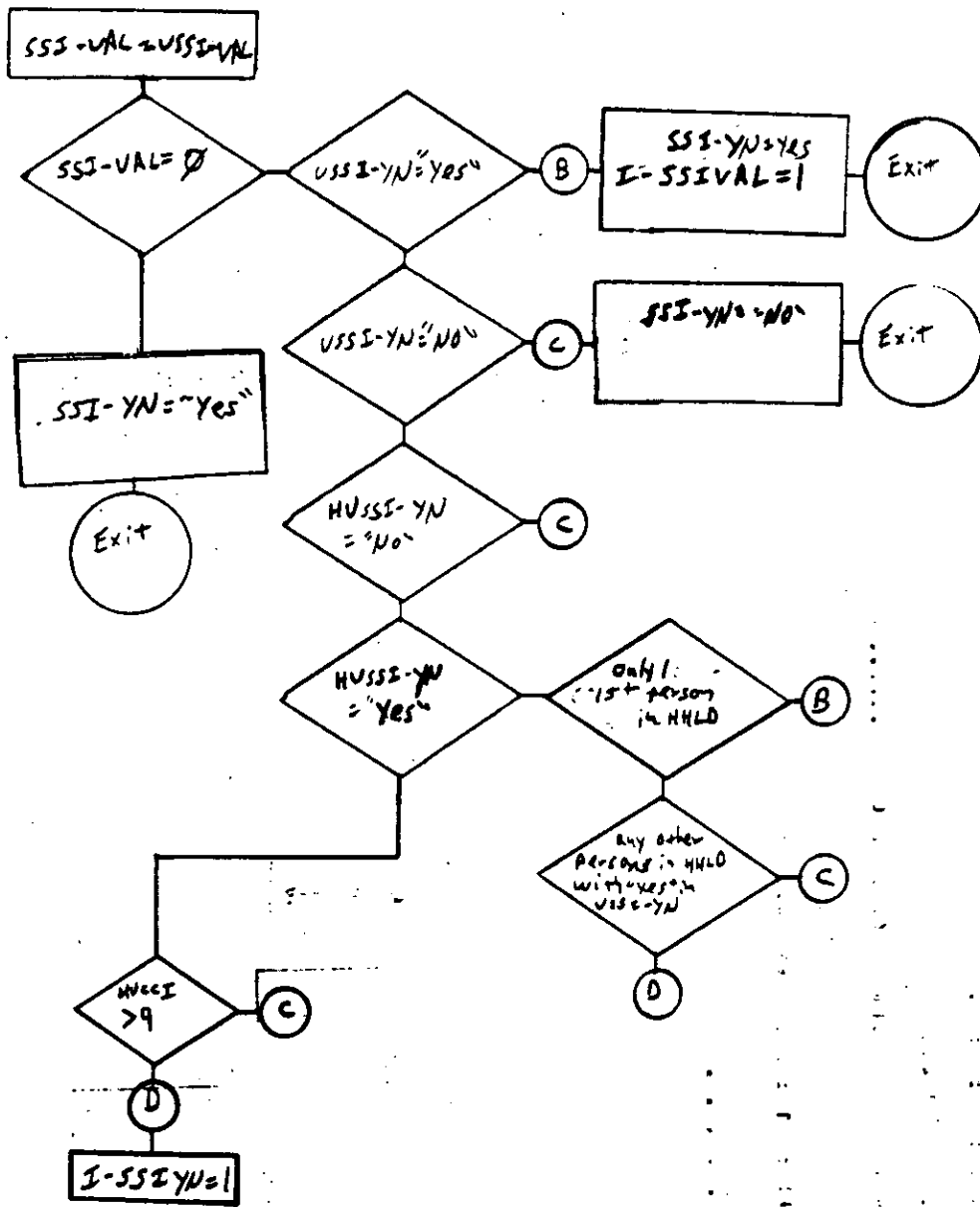
USSI-VAL

SSI-YN

SSI-VAL

I-SSIYN

I-SSIVAL



AFDC and other public assistance edit:

Input fields

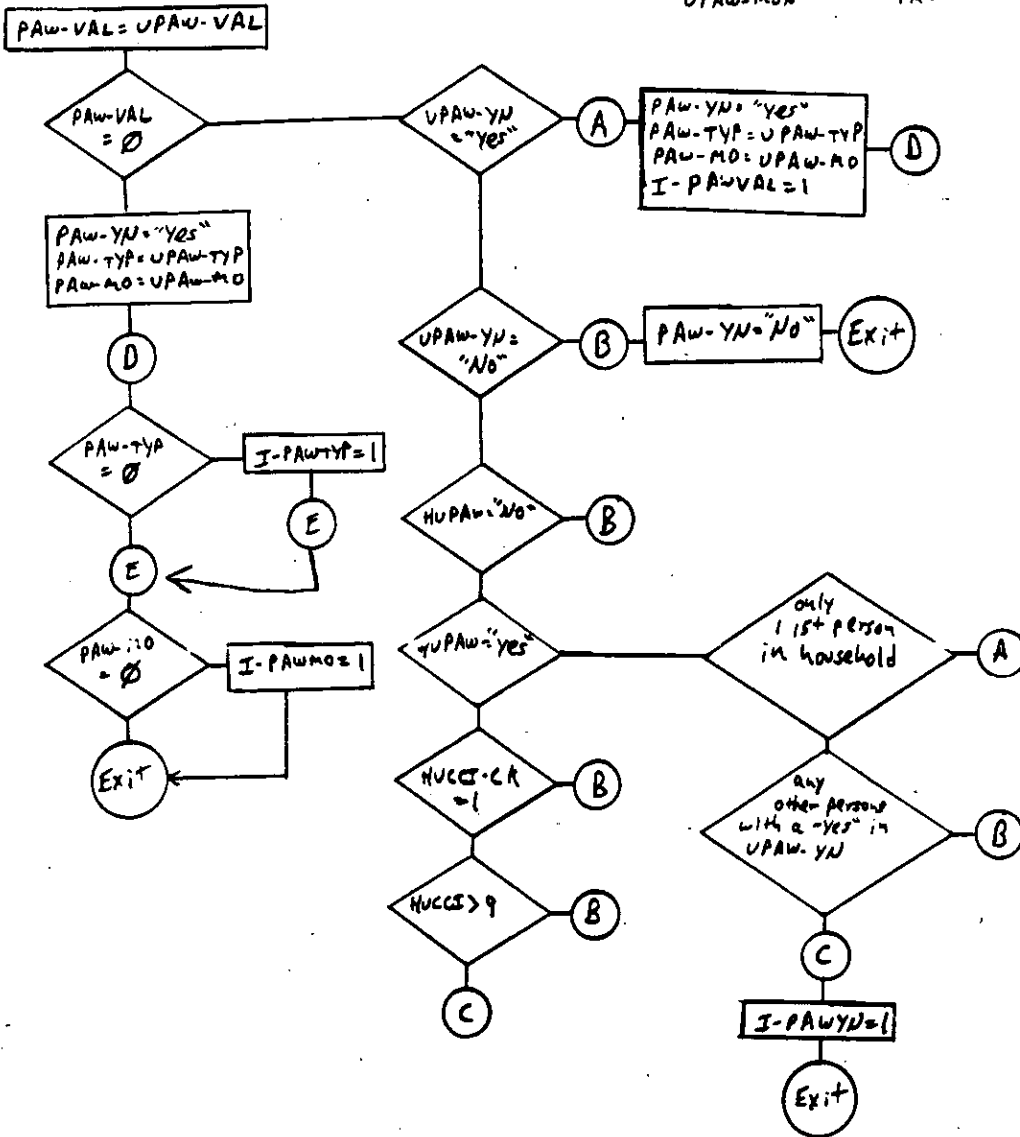
output fields

Imputation Flags

HUCES-CA
 HU PAW-YN
 UPAW-YN
 UPAW-TYP
 UPAW-VAL
 UPAW-MON

PAW-YN
 PAW-TYP
 PAW-VAL
 PAW-MD

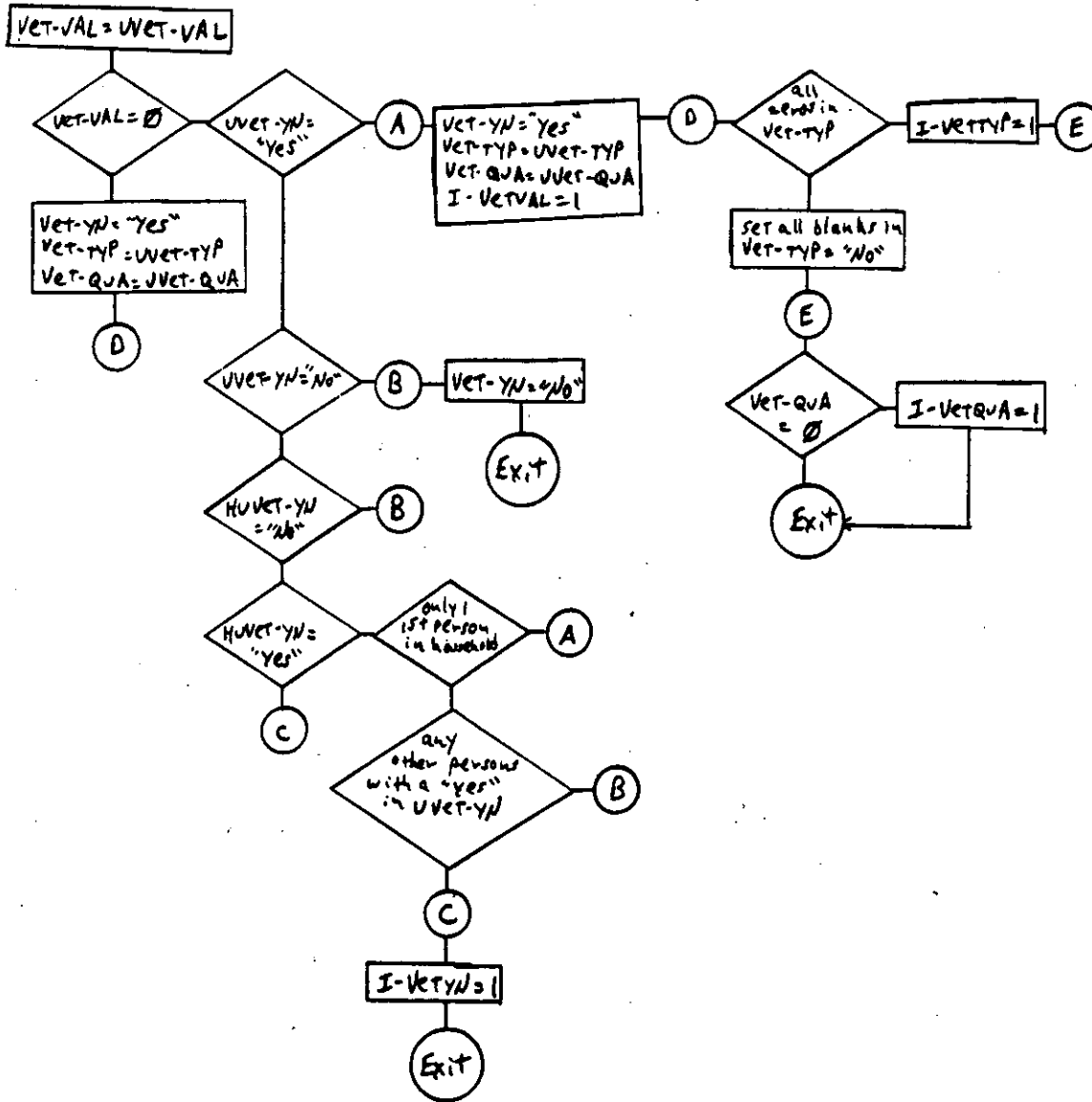
I-PAWYN
 I-PAWTYP
 I-PAWVAL
 I-PAWMD



Veterans Payments edit: Input fields
 HUvet-YN
 UVet-YN
 UVet-VAL
 UVet-TYP(1-5)
 UVet-QUA

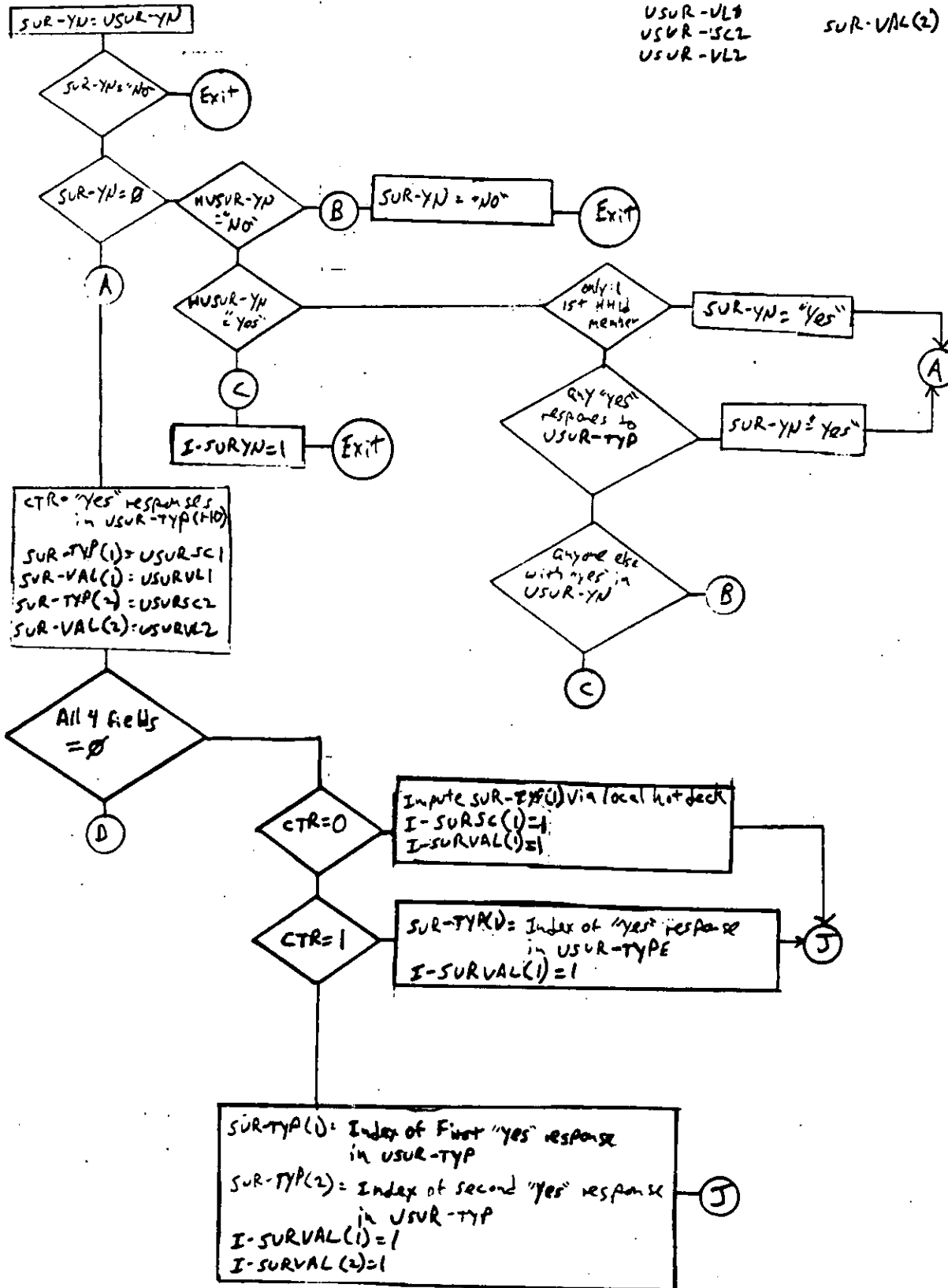
Output fields
 Vet-YN
 Vet-VAL
 Vet-TYP(1-5)
 Vet-QUA

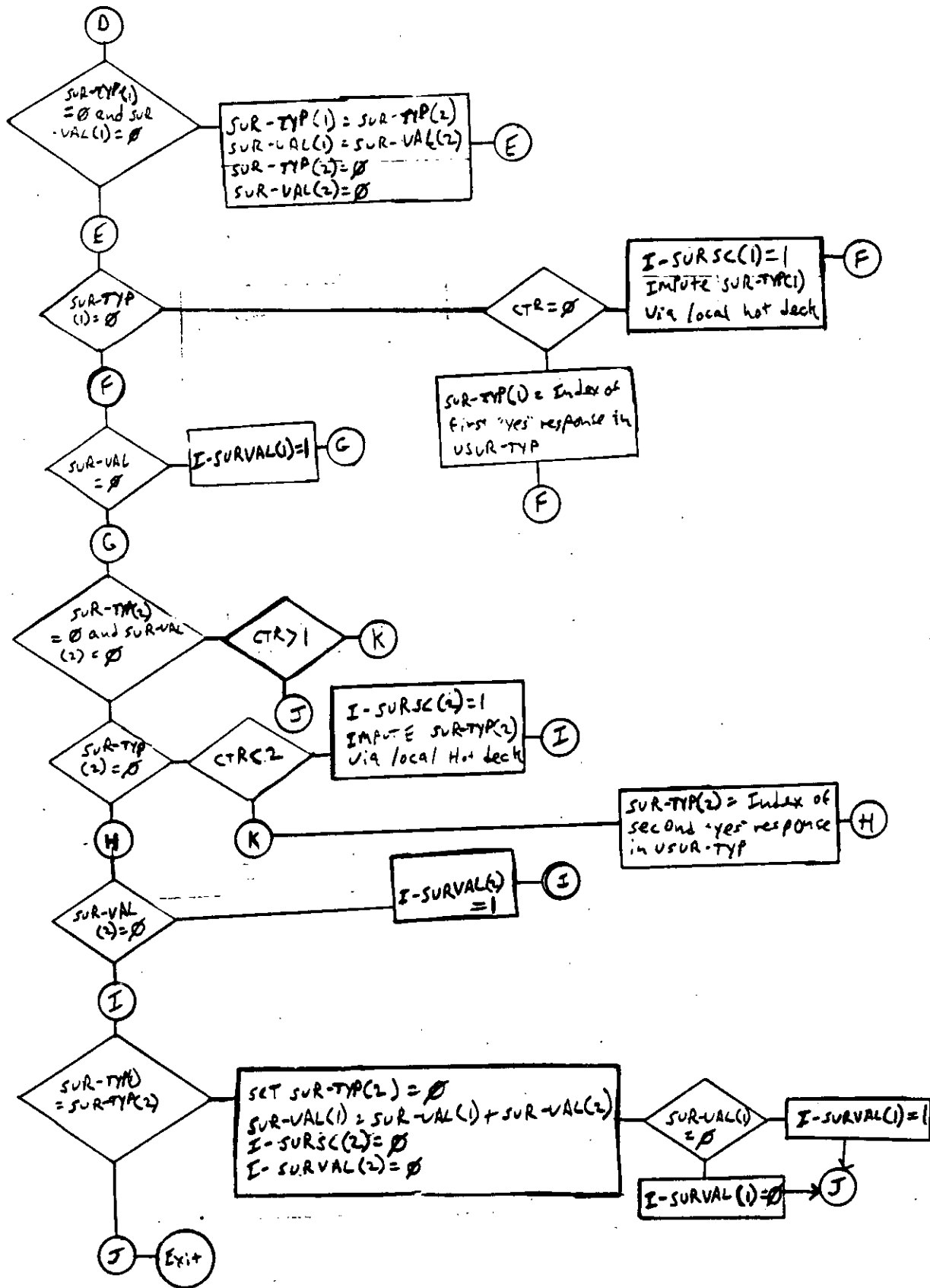
Imputation flags
 I-VETYN
 I-VETVAL
 I-VETTYP
 I-VETQUA



Survivor Income Edit

Input Fields	Output Fields	Imp Fields
HUSUR-YN		
USUR-YN	SUR-YN	I-SURYN
USUR-TYP(10)		
USUR-VL1	SUR-TYP(2)	I-SURSC(2)
USUR-VL2		
USUR-VL3	SUR-VAL(2)	I-SURVAL(2)
USUR-VL4		





Disability edit

Input Fields

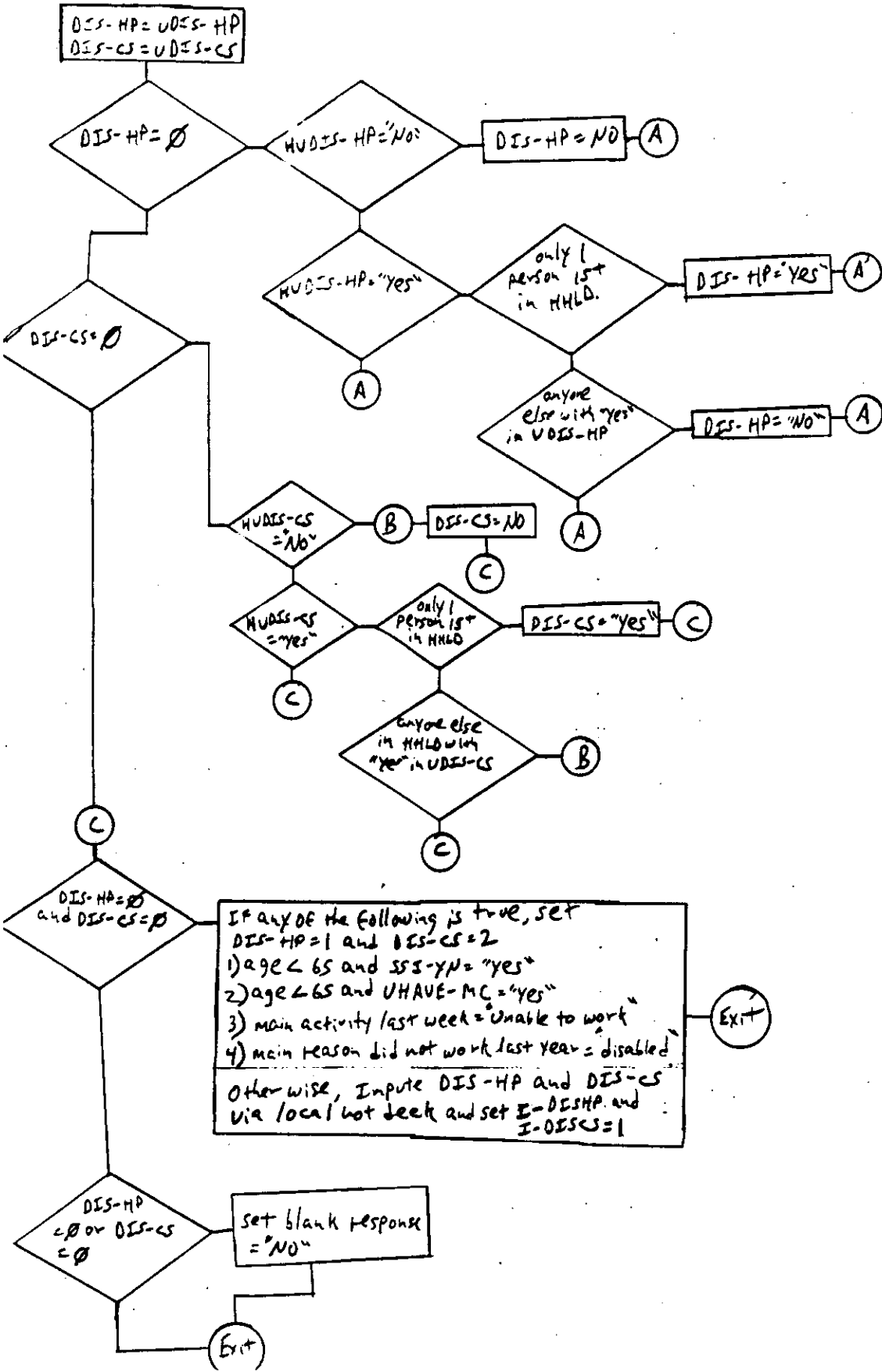
Output Fields

Imputation Flags

HV DIS-HP
 HV DIS-CS
 V DIS-HP
 V DIS-CS

DIS-HP
 DIS-CS

I- DISHP
 I- DISCS



Disability Income Edit

Input Fields

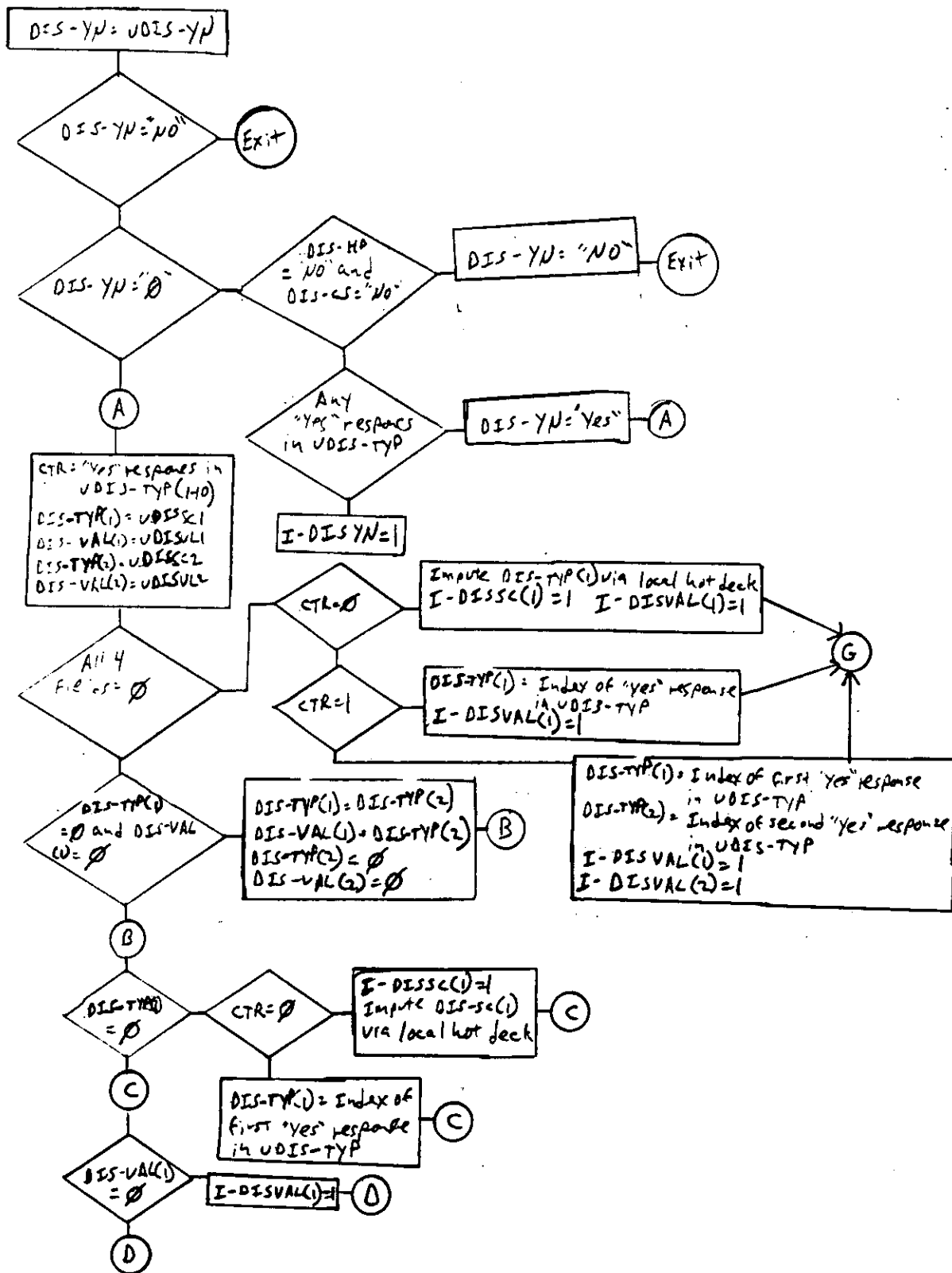
Output Fields

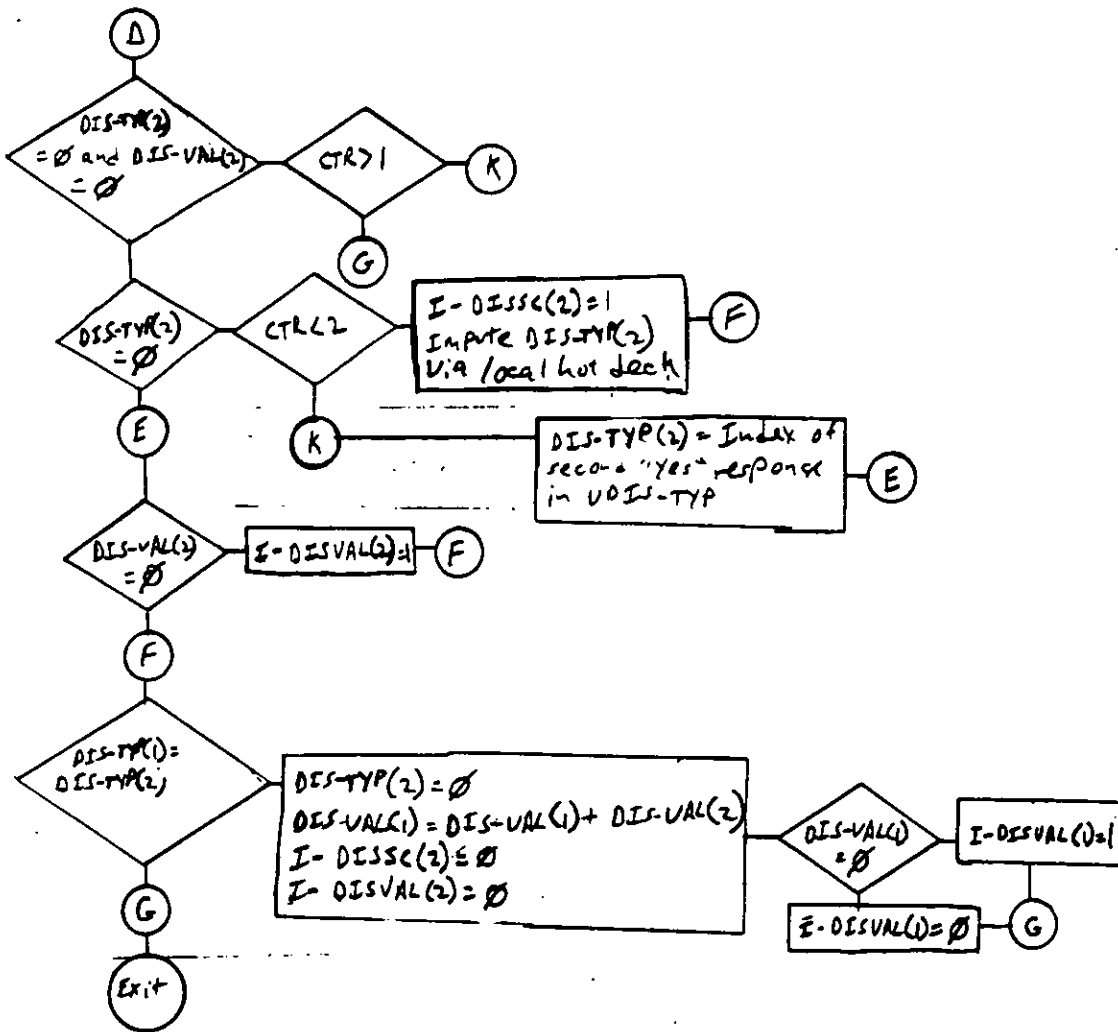
Imp Flags

UDIS-YN
 UDIS-TYP(10)
 UDISSC1
 UDIS-VL1
 UDISSC2
 UDIS-VL2

DIS-YN
 DIS-TYP(2)
 DIS-VAL(2)

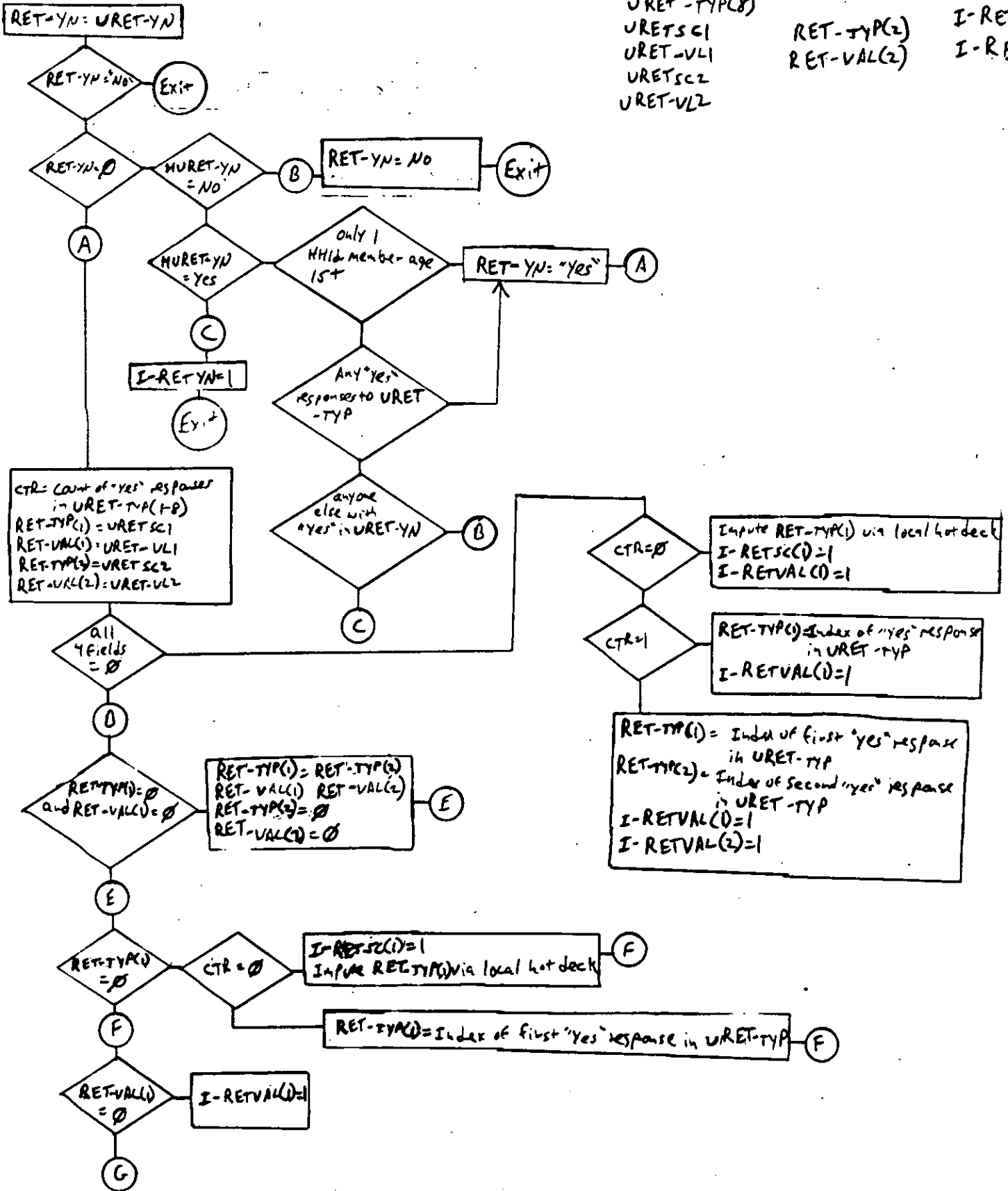
I-DISYN
 I-DISSC(2)
 I-DISVAL(2)

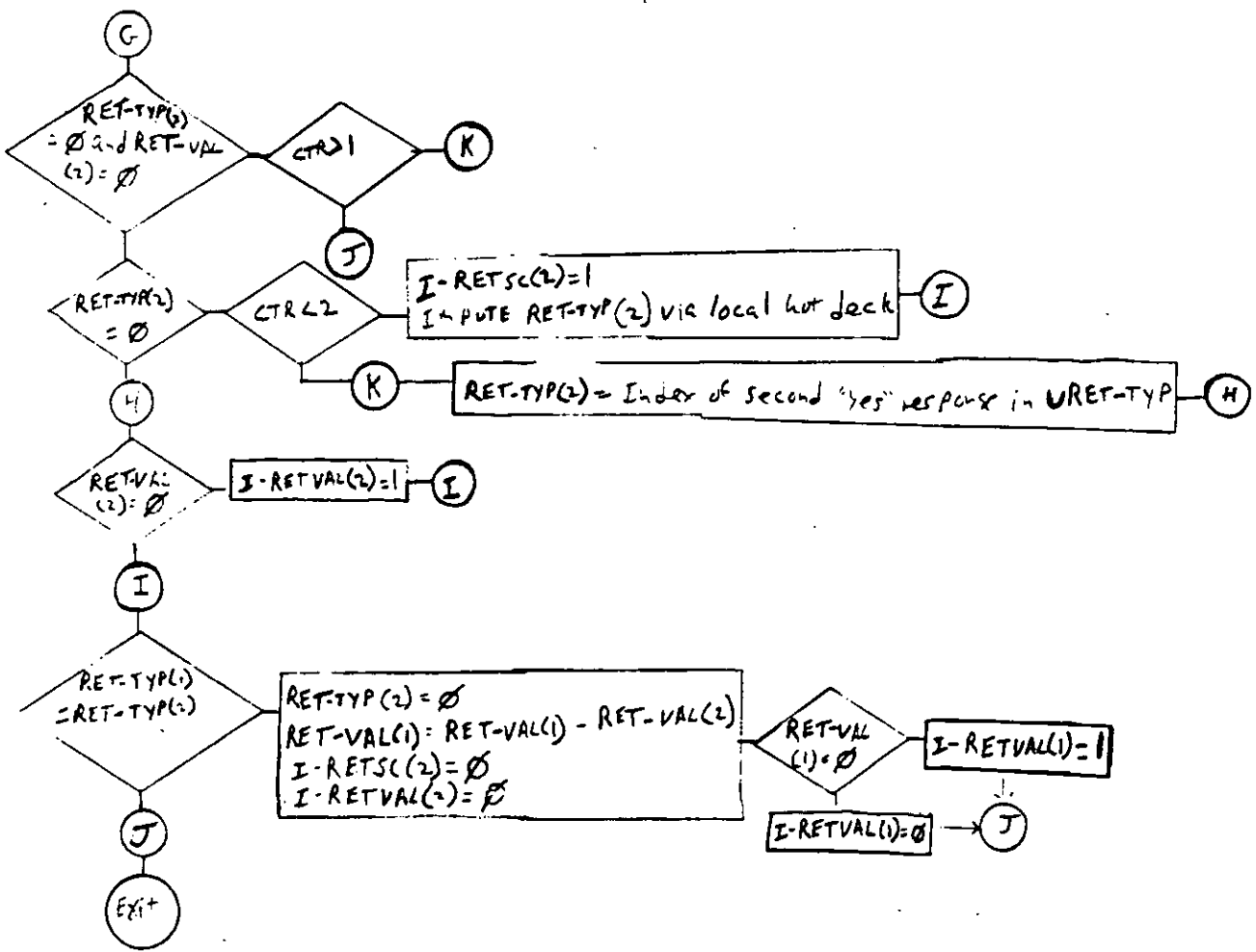




Retirement Income Edit

Input Fields	Output Fields	Imp. Cls. 95
HURET-YN	RET-YN	I-RETYN
URET-YN		
URET-TYP(8)	RET-TYP(2)	I-RETS(2)
URETSC1	RET-VAL(2)	I-RETV(2)
URET-VL1		
URETSC2		
URET-VL2		



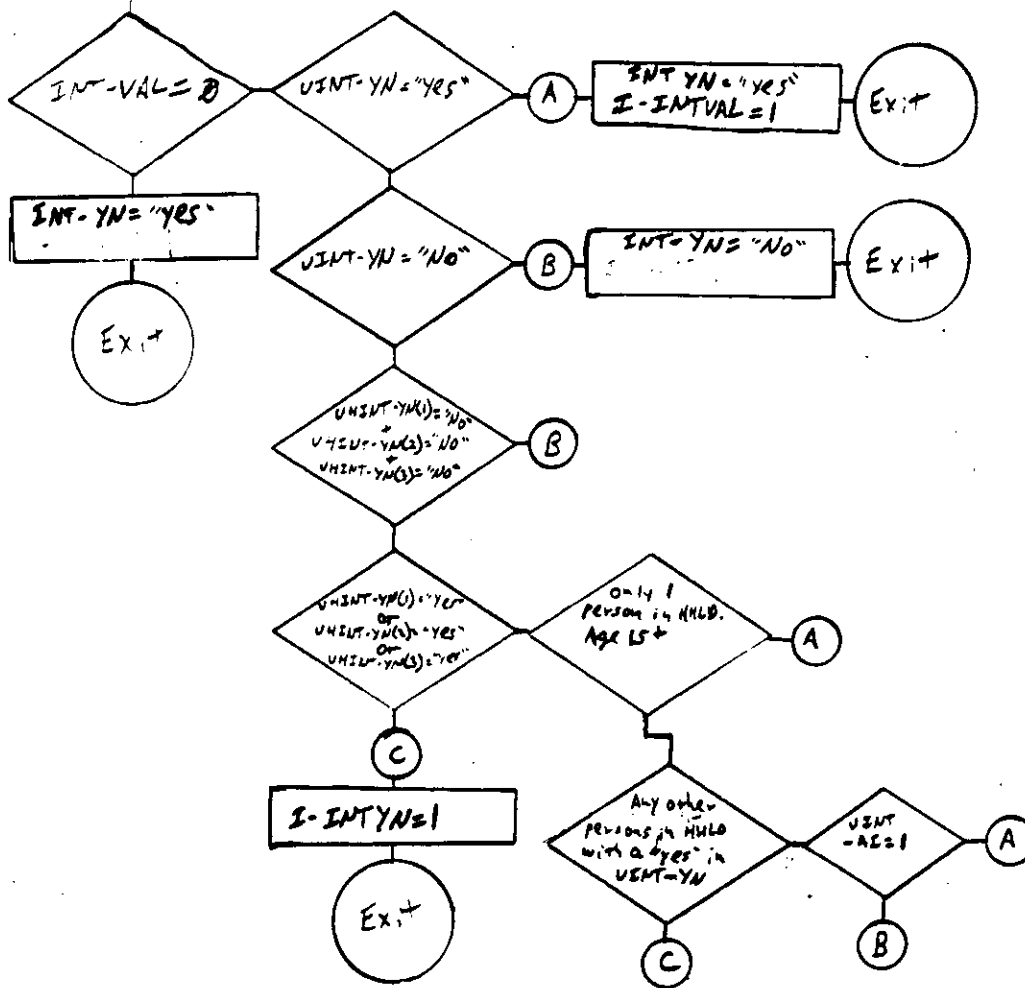


Interest Income edit

INPUT fields (subscript)
 HU INT-YN (3)
 U INT-YN
 U INT-AI
 U INT-VAL

OUTPUT fields
 INT-YN
 INT-VAL

Imp. Fields
 I-INTYN
 I-INTVAL

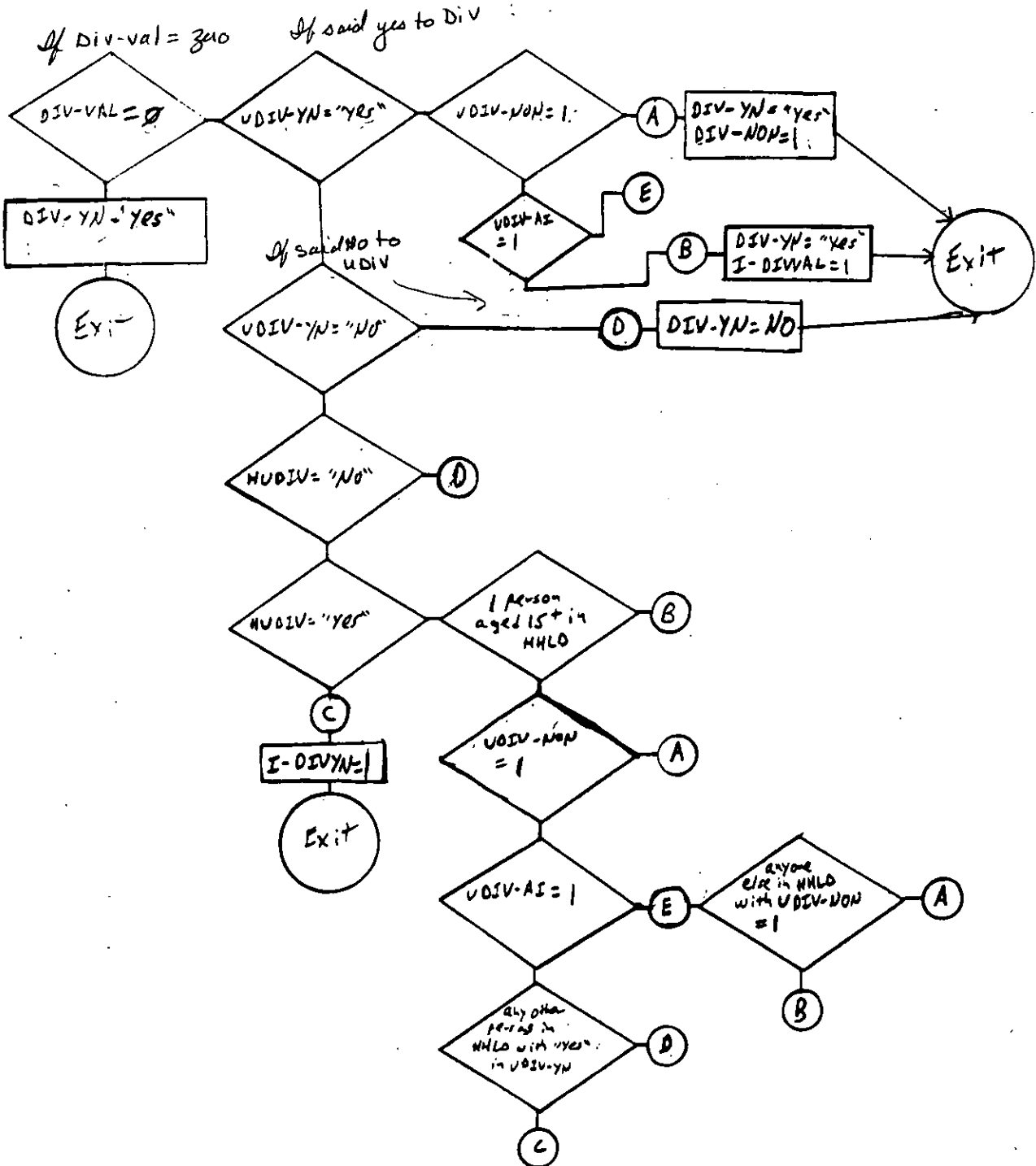


Dividend edit

Input Fields
 HUDIV-YN
 UDIV-YN
 UDIV-VAL
 UDIV-NON
 UDIV-AI

Output Fields
 DIV-YN
 DIV-VAL
 DIV-NON

Imp. Flags
 I-DIVYN
 I-DIVVAL



Rental Income edit:

Input fields

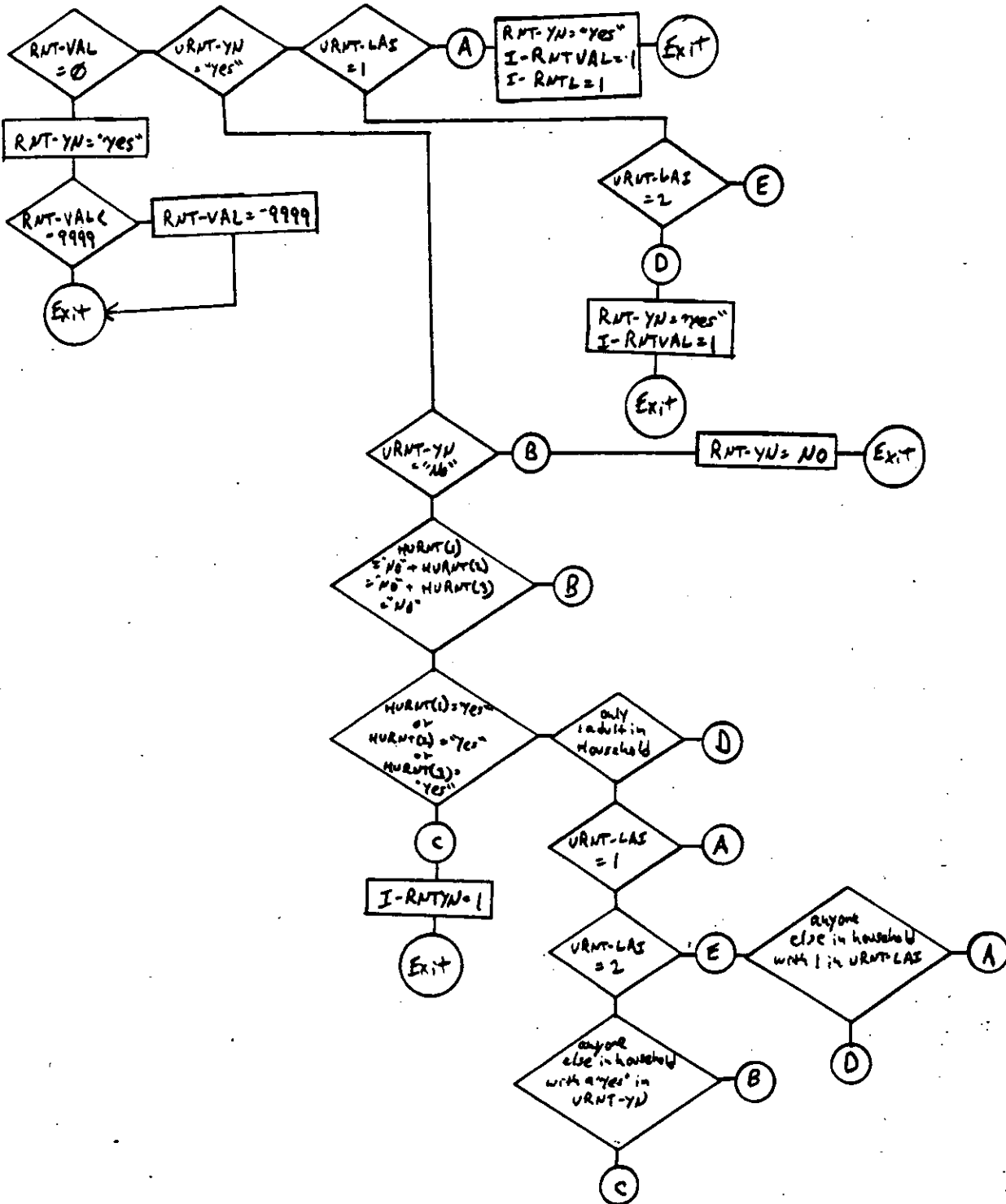
HURNT-YN(3)
URNT-YN
URNT-VAL
URNT-LAS

Output fields

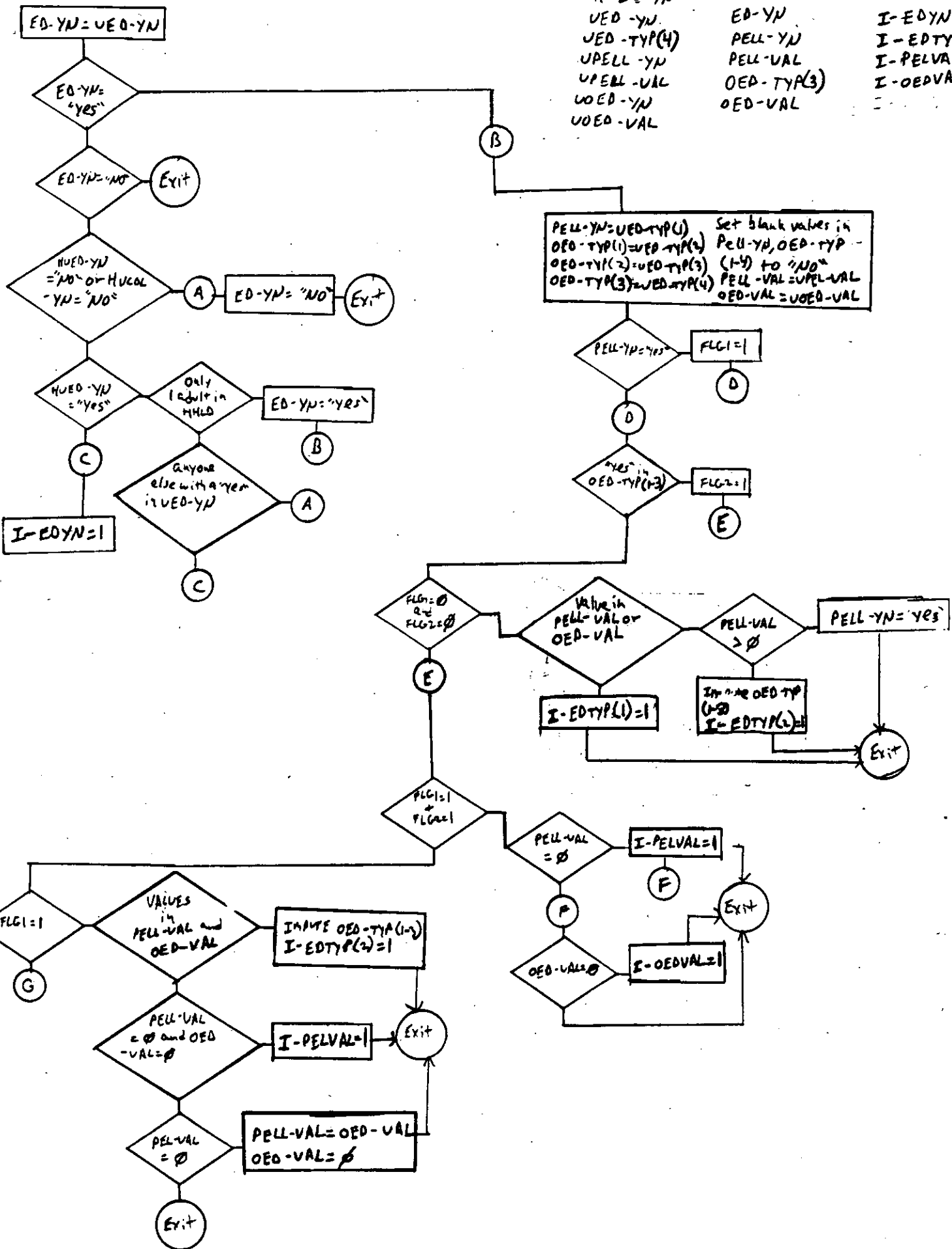
RNT-YN
RNT-VAL

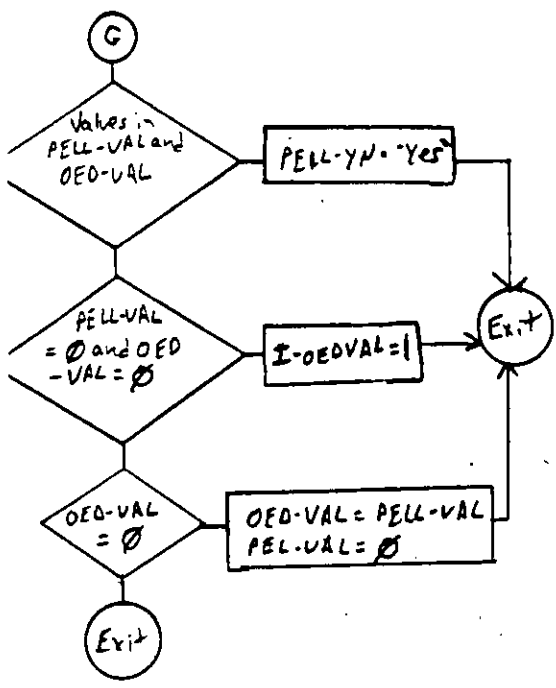
Imputation Flags

I-RNTYN
I-RNTVAL
I-RNTL



HUCOL-YN		
HUED-YN		
UED-YN	ED-YN	I-EDYN
JED-TYP(4)	PELL-YN	I-EDTYP(2)
UPELL-YN	PELL-VAL	I-PELVAL
UPELL-VAL	OED-TYP(3)	I-OEDVAL
UOED-YN	OED-VAL	
UOED-VAL		





Child support edit

Input Fields

Output Fields

Imp. Flags

HUCSP-YN

UCSP-YN

UCSP-VAL

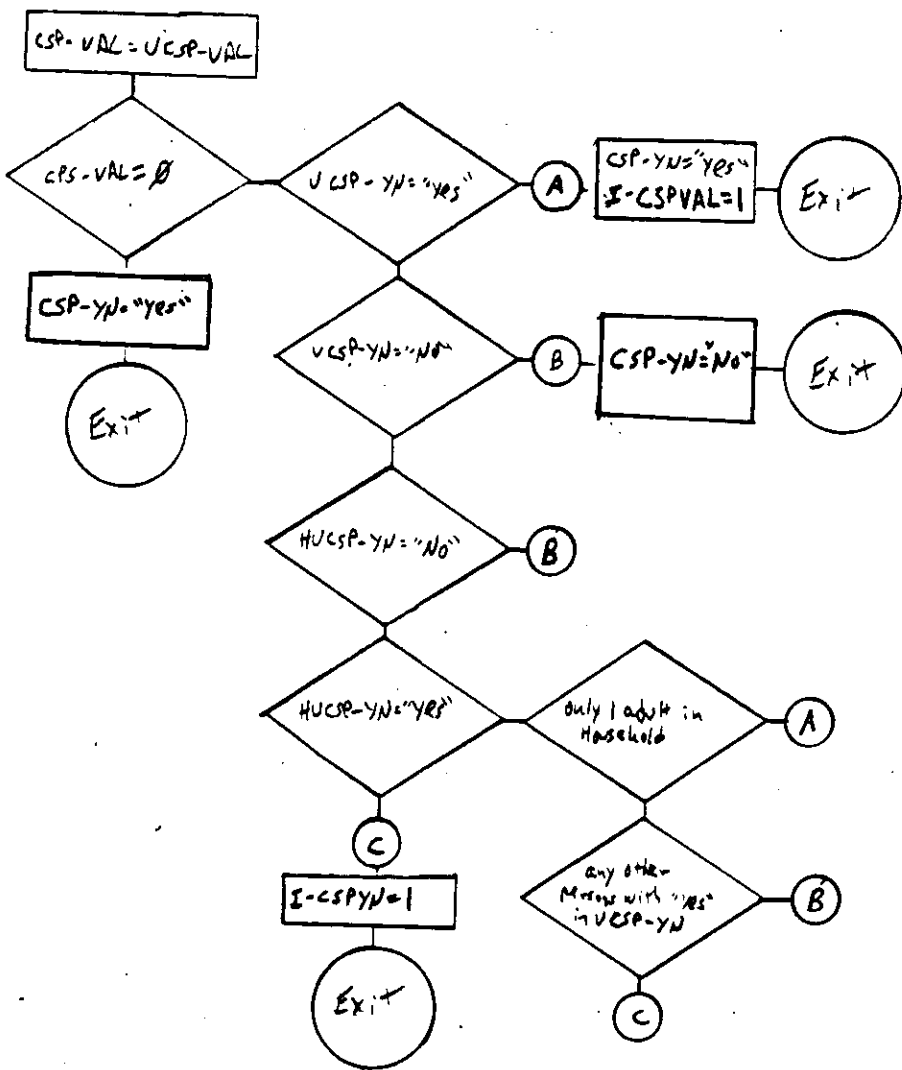
CSP-YN

CSP-VAL

I-CSP

I-CSPYN

I-CSPVAL

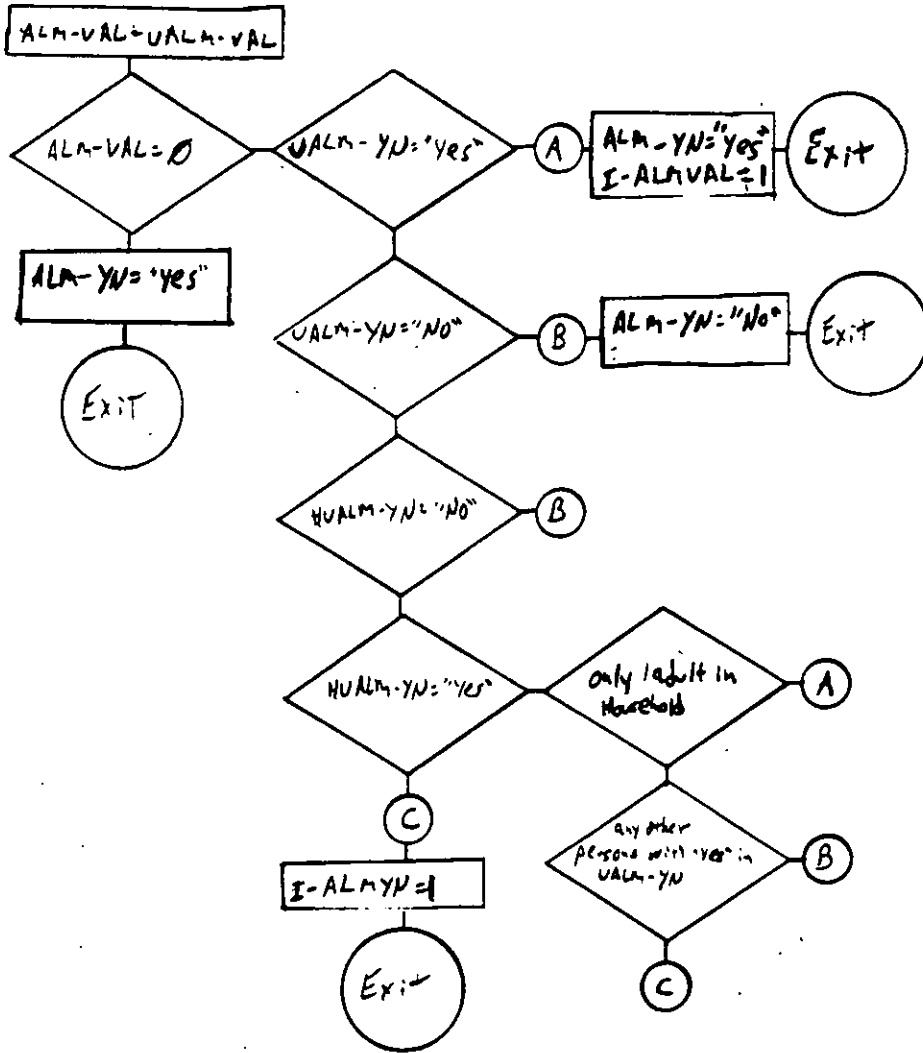


Alimony Edit:

Input fields
HUALM-YN
UALM-YN
VALM-VAL

Output fields
ALM-YN
ALM-VAL

Imp. Flags
I-ALMYN
I-ALMVAL



Financial Assistance Edit

Input Fields Output Fields

IMP. Flags

HUFIN-YN

UFIN-YN

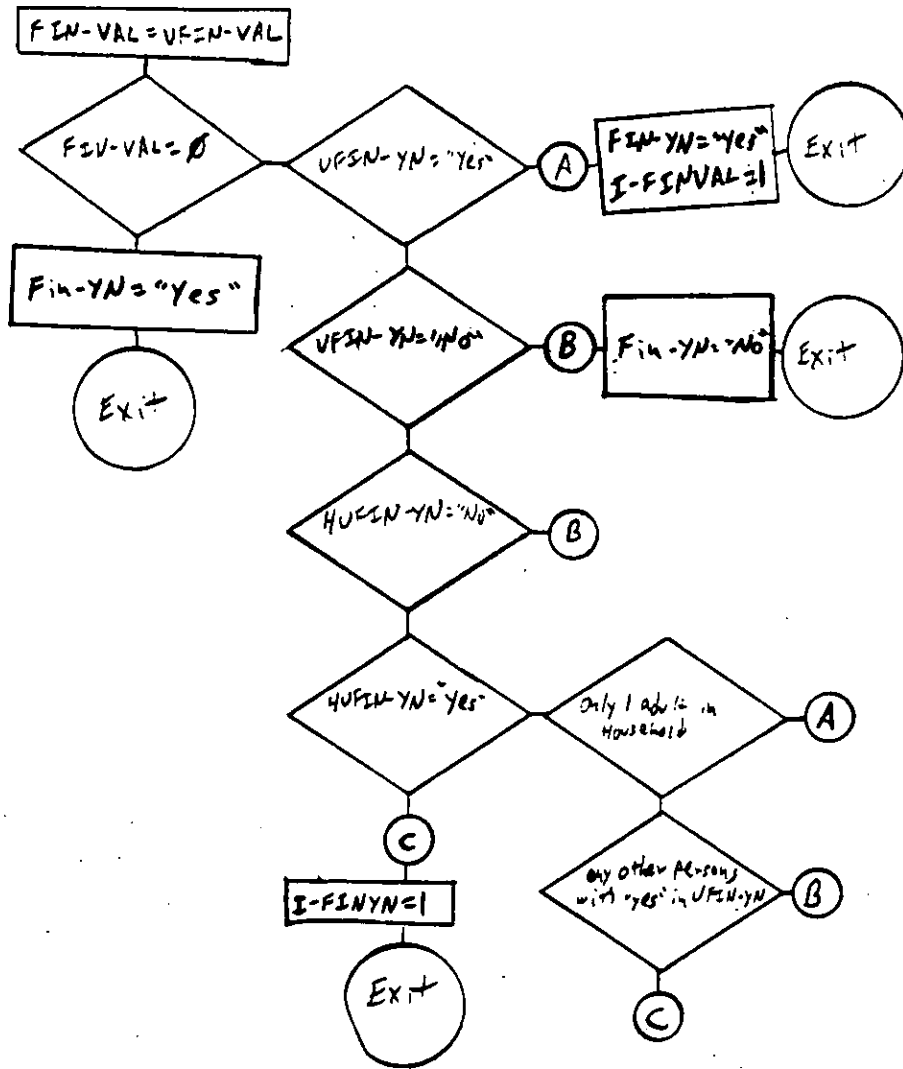
UFIN-VAL

FIN-YN

FIN-VAL

I-FINYN

I-FINVAL



Anything else edit

Input Fields

Output Fields

Input/Output Class

HVOI-YN(2)

VOI-YN

OI-YN

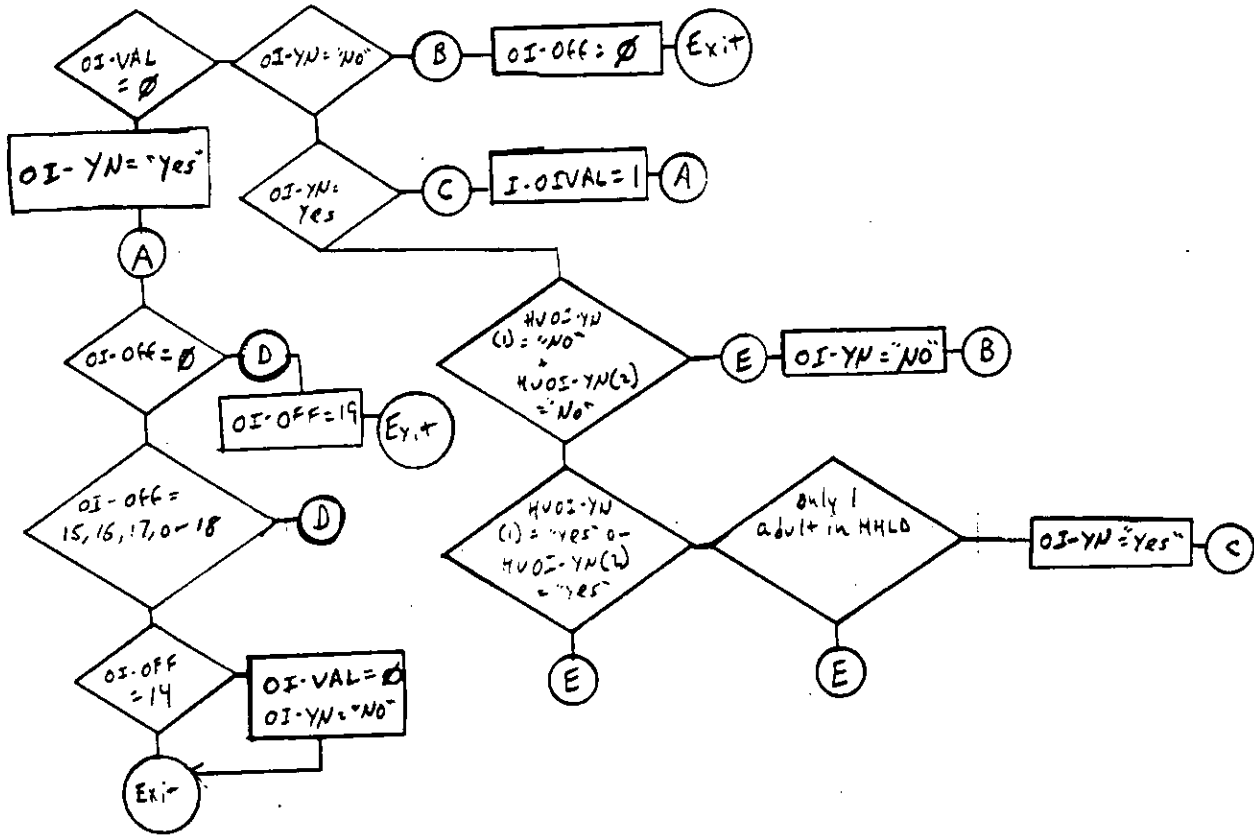
VOI-OFF

OI-OFF

VOI-VAL

OI-VAL

I-OIVAL



CONSISTENCY EDIT IMPUTATION MATRICES

TYPE OF SURVIVOR'S INCOME

1) Universe SUR-YN = 1 I-SURSC(1) = 1

AGE

- 1) Less than 25 years
- 2) 25 to 44 years
- 3) 45 to 64 years
- 4) 65 years and over

SEX

- 1) Male
- 2) Female

MARITAL STATUS

- 1) Married, spouse present
- 2) Widowed
- 3) Other

2) Universe SUR-YN = 1 I-SURSC(2) = 1

SUR-TYP(1)

- 1) Company or union
- 2) Federal government
- 3) Military retirement
- 4) State or local government
- 5) Estates or trusts
- 6) Annuities
- 7) Other

DISABILITY STATUS

- 1) Universe I-DISHP = 1 I-DISCS = 1

AGE

- 1) Less than 45 years
- 2) 45 years and over

WORKER STATUS

- 1) Year-round, full-time worker
- 2) All others

SEX

- 1) Male
- 2) Female

TYPE OF DISABILITY INCOME

1) Universe DIS-YN = 1 I-DISSC(1) = 1

AGE

- 1) Less than 25 years
- 2) 25 to 44 years
- 3) 45 to 64 years
- 4) 65 years and over

SEX

- 1) Male
- 2) Female

WORKER STATUS

- 1) Worked last year
- 2) Did not work last year

2) Universe DIS-YN = 1 I-DISSC(2) = 1

DIS-TYP(1)

- 1) Workers' compensation
- 2) Company or union
- 3) Federal government
- 4) Military retirement
- 5) State or local government
- 6) Accident or disability insurance
- 7) Other

TYPE OF RETIREMENT INCOME

1) Universe RET-YN = 1 I-RETSC(1) = 1

AGE

- 1) Less than 25 years
- 2) 25 to 44 years
- 3) 45 to 64 years
- 4) 65 years and over

SEX

- 1) Male
- 2) Female

SOCIAL SECURITY RECIPIENCY

- 1) Yes
- 2) No or blank

WORKER STATUS

- 1) Worked last year
- 2) Did not work last year

2) Universe REY-YN = 1 I-RETSC(2) = 1

RET-TYP(1)

- 1) Company or union
- 2) Federal government
- 3) Military retirement
- 4) State or local government
- 5) U.S. Railroad retirement
- 6) Annuities
- 7) IRA or KEOGH
- 8) Anything else

TYPE OF EDUCATIONAL ASSISTANCE

1) Universe ED-YN = 1 I-EDTYP(2) = 1

SEX

- 1) Male
- 2) Female

PELL-YN

- 1) Yes
- 2) No

RELATIONSHIP TO HEAD

- 1) Head
- 2) Spouse
- 3) Other relative
- 4) Unrelated individual

"OTHER" INCOME RECIPIENCY IMPUTATION SPECIFICATIONS

1) SEXSex-1

- 1) Male
- 2) Female

Sex-2

- 1) Male, veteran
- 2) Male, nonveteran
- 3) Female

2) AGEAge-1

- 1) Less than 20
- 2) 20 to 24
- 3) 25 to 34
- 4) 35 to 44
- 5) 45 to 54
- 6) 55 to 64
- 7) 65 and over

Age-2

- 1) Less than 35
- 2) 35 to 54
- 3) 55 to 61
- 4) 62 to 64
- 5) 65 to 69
- 6) 70 to 74
- 7) 75 and over

Age-3

- 1) Less than 18
- 2) 18 to 24
- 3) 25 to 29
- 4) 30 to 34
- 5) 35 to 44
- 6) 45 and over

3) RACE AND ETHNICITYRace-1

- 1) White (except White Hispanic) and other races
- 2) Black (including Hispanic)
- 3) White Hispanic

Race-2

- 1) White or other
- 2) Black

4) MARITAL STATUSMar-1

- 1) Married, spouse present
- 2) Married, spouse absent
- 3) Widowed
- 4) Divorced
- 5) Separated
- 6) Never married

Mar-2

- 1) Married
- 2) Widowed
- 3) Divorced or separated
- 4) Never married

5) RELATIONSHIP TO HOUSEHOLDERRel-1

- 1) Householder
- 2) Spouse
- 3) Other relative
- 4) Unrelated individual

6) NUMBER OF OWN CHILDREN LESS THAN 18 IN FAMILYChild-1

- 1) NIU (not a householder or spouse)
- 2) No children
- 3) One child
- 4) Two children
- 5) Three children or more

Child-2

- 1) None or NIU
- 2) One
- 3) Two or more

7) EARNINGS/HOUSEHOLD INCOMEERNHH-1

- 1) Earnings \$5,000 to \$9,999
- 2) Earnings \$10,000 to \$14,999
- 3) Earnings \$15,000 to \$19,999
- 4) Earnings \$20,000 or more
- 5) Earnings Under \$5,000, Household Income Under \$5,000
- 6) Earnings Under \$5,000, Household Income \$5,000 to \$9,999
- 7) Earnings Under \$5,000, Household Income \$10,000 to \$14,999
- 8) Earnings Under \$5,000, Household Income \$15,000 to \$19,999
- 9) Earnings Under \$5,000, Household Income \$20,000 or more

ERNHH-2

- 1) Earnings \$5,000 to \$9,999
- 2) Earnings \$10,000 to \$14,999
- 3) Earnings \$15,000 to \$19,999
- 4) Earnings \$20,000 to \$29,999
- 5) Earnings \$30,000 to \$49,999
- 6) Earnings \$50,000 or more
- 7) Earnings Under \$5,000, Household Income Under \$5,000
- 8) Earnings Under \$5,000, Household Income \$5,000 to \$9,999
- 9) Earnings Under \$5,000, Household Income \$10,000 to \$19,999
- 10) Earnings Under \$5,000, Household Income \$20,000 to \$29,999
- 11) Earnings Under \$5,000, Household Income \$30,000 to \$49,999
- 12) Earnings Under \$5,000, Household Income \$50,000 or more

8) WEEKS WORKEDWW-1

- 1) None
- 2) 1 to 11
- 3) 12 to 25
- 4) 26 to 38
- 5) 39 to 49
- 6) 50 to 52

9) REASON FOR NOT WORKINGRNW-1

- 1) NIU (worked last year)
- 2) Disabled
- 3) Retired
- 4) Other

RNW-2

- 1) NIU (worked last year)
- 2) Couldn't find work
- 3) Other

RNW-3

- 1) NIU (worked last year)
- 2) Disabled
- 3) Other

RNW-4

- 1) NIU (worked last year)
- 2) Going to school
- 3) Other

RNW-5

- 1) NIU (worked last year)
- 2) Retired
- 3) Other

10) OCCUPATION OF LONGEST JOBOcc-1

- 1) Managerial and Professional specialty
- 2) Technical, Sales, and Administrative Support
- 3) Service Occupations
- 4) Farming, Forestry, and Fishing
- 5) Precision Production, Craft, and Repair Occupations
- 6) Operators, Fabricators, and Laborers
- 7) NIU (Didn't work)

11) EDUCATIONEd-1

- 1) Less than 12 years
- 2) 12 years
- 3) 13 to 15 years
- 4) 16 years or more

Ed-2

- 1) Less than 12 years
- 2) 12 to 15 years
- 3) 16 years or more

12) LEVEL OF EARNINGSErn-1

- 1) No earnings
- 2) \$1 to \$4,999 or loss
- 3) \$5,000 to \$9,999
- 4) \$10,000 to \$19,999
- 5) \$20,000 to \$29,999
- 6) \$30,000 or more

14) WORK/EDUCATION STATUSWEDS-1

- 1) Worked 50+ weeks
- 2) Worked part-year - PYRSN = "going to school"
- 3) Worked part-year - any other reason
- 4) Didn't work - RSNNOTW = "going to school"
- 5) Didn't work - any other reason

15) WEEKS ON LAYOFF OR LOOKING FOR WORKWLL-1

- 1) None or NIU
- 2) Less than 9 weeks
- 3) 10 to 38 weeks
- 4) 39 weeks or more

16) WORK/DISABILITY STATUSWDIS-1

- 1) Worked 50+ weeks
- 2) Worked part-year - PYRSN = "ill or disabled"
- 3) Worked part-year - any other reason
- 4) Didn't work - RSNNOTW = "ill or disabled"
- 5) Didn't work - any other reason

17) DISABILITY INCOME INDICATORDINC-1

- 1) Yes (Received disability income last year)
- 2) No or blank

18) HOUSEHOLDER'S RECIPIENCY (Social Security)HSS-1

- 1) NIU (Householder)
- 2) Yes (Householder received Social Security)
- 3) No (Householder didn't receive Social Security)

19) SOCIAL SECURITY INCOME INDICATORSS-1

- 1) Received Social Security last year
- 2) Didn't received Social Security last year

20) MEDICAID INDICATORMD-1

- 1) Yes (Covered by Medicaid last year)
- 2) No or blank

21) WORKERS COMPENSATION INDICATORWC-1

- 1) Yes (Received Workers Compensation)
- 2) No (Didn't receive Workers Compensation)

22) HOUSEHOLDER'S RECIPIENCY (Interest)HINT-1

- 1) NIU (Householder)
- 2) Yes (Householder received interest)
- 3) No (Householder didn't receive interest)

23) INTEREST INDICATORINT-1

- 1) Yes (Received interest last year)
- 2) No (Didn't receive interest last year)

24) HOUSEHOLDER'S RECIPIENCY (Dividends)HDIV-1

- 1) NIU (Householder)
- 2) Yes (Householder received dividends)
- 3) No (Householder didn't receive dividends)

25) HOUSEHOLDER'S RECIPIENCY (Rent)HRNT-1

- 1) NIU (Householder)
- 2) Yes (Householder received rent)
- 3) No (Householder didn't receive rent)

26) INTEREST AND/OR DIVIDEND INDICATORID-1

- 1) Yes to either interest or dividend income
- 2) No to both interest or dividend income

27) PENSION INDICATOR

- 1) Received pension last year
- 2) No or blank

UNEMPLOYMENT COMPENSATION
Universe: I-UCYN = 1
Imputation items: UC-YN, SUBUC, STRKUC

- | | |
|--|-----|
| 1) Sex
Sex-1 | (2) |
| 2) Age
Age-1 | (7) |
| 3) Race
Race-2 | (2) |
| 4) Weeks on layoff or looking
WLL-1 | (4) |
| 5) Occupation
OCC-1 | (7) |
| 6) Reason for not working
RNW-2 | (3) |

Total Cells - 2,352

WORKERS COMPENSATION
Universe: I-WCYN = 1
Imputation items: WC-YN, WC-TYP(1-4)

- | | |
|--|-----|
| 1) Sex
Sex-1 | (2) |
| 2) Age
Age-1 | (7) |
| 3) Occupation
OCC-1 | (7) |
| 4) Work/Disability status
WDIS-1 | (5) |
| 5) Disability income indicator
DINC-1 | (2) |

Total Cells - 980

SOCIAL SECURITY
Universe: I-SSYN = 1
Imputation item: SS-YN

- | | |
|---------------------------------------|-----|
| 1) Sex
Sex-1 | (2) |
| 2) Age
Age-2 | (7) |
| 3) Marital status
MAR-2 | (4) |
| 4) Reason for not working
RNW-1 | (4) |
| 5) Householder's reciprocity
HSS-1 | (3) |
| 6) Race
RACE-2 | (2) |

Total Cells - 1,344

SSI
Universe: I-SSIYN = 1
Imputation item: SSI-YN

1) Sex	(2)
Sex-1	
2) Age	(7)
Age-2	
3) Earnings/Household Income	(9)
ERNHH-1	
4) Reason for not working	(3)
RNW-3	
5) Social Security reciprocity	(2)
SS-1	
6) Medicaid Indicator	(2)
MD-1	

Total Cells - 1,512

PUBLIC ASSISTANCE
Universe: I-PAYN = 1
Imputation item: PA-YN, PA-TYP, PA-MON

- | | |
|------------------------------|-----|
| 1) Sex | (2) |
| Sex-1 | X |
| 2) Age | (7) |
| Age-1 | X |
| 3) Number of own children | (4) |
| CHILD-1 | Y |
| 4) Earnings/Household income | (9) |
| ERNHH-1 | X |
| 5) Race | (2) |
| RACE-2 | X |
| 6) Food Stamp reciprocity | (2) |
| FS-1 | |

Total Cells - 1,728



VETERANS' INCOME

Universe: I-VETYN = 1

Imputation item: VET-YN, VET-TYP (1-5), VET-INC

- | | |
|---|-----|
| 1) Sex/veteran status
Sex-2 | (3) |
| 2) Age
Age-1 | (7) |
| 3) Marital status
MAR-2 | (4) |
| 4) Earnings/Household income
ERNHH-1 | (9) |
| 5) Reason for not working
RNW-3 | (3) |

Total Cells - 2,268

VETERANS' INCOME

Universe: I-VETYN = 1

Imputation item: VET-YN, VET-TYP (1-5), VET-INC

- 1) Sex/veteran status (3)
Sex-2
- 2) Age (7)
Age-1
- 3) Marital status (4)
MAR-2
- 4) Earnings/Household income (9)
ERNHH-1
- 5) Reason for not working (3)
RNW-3

Total Cells - 2,268

SURVIVORS' INCOME
Universe: I-SURYN = 1
Imputation item: SUR-YN, SUR-TYP(1-2)

- | | |
|--|-----|
| 1) Sex
Sex-1 | (2) |
| 2) Age
Age-1 | (7) |
| 3) Marital status
MAR-1 | (6) |
| 4) Social Security Reciprocity
SS-1 | (2) |
| 5) Worker status
WS-1 | (2) |
| 6) Pension reciprocity
PEN-1 | (2) |

Total Cells - 672

DISABILITY INCOME
Universe: I-DISYN = 1
Imputation item: DIS-YN, DIS-TYP(1-2)

- | | |
|------------------------------------|-----|
| 1) Sex | (2) |
| Sex-1 | |
| 2) Age | (7) |
| Age-1 | |
| 3) Worker Compensation reciprocity | (2) |
| WCOMP-1 | |
| 4) Weeks worked | (6) |
| WW-1 | |
| 5) Social Security reciprocity | (2) |
| SS-1 | |
| 6) Race | (2) |
| RACE-2 | |

Total Cells - 672

PENSIONS

Universe: IF-RETYN = 1

Imputation item: RET-YN, RET-TYP(1-2)

- | | |
|-----------------------|-----|
| 1) Sex | (2) |
| Sex-1 | |
| 2) Age | (7) |
| Age-2 | |
| 3) Reason not working | (3) |
| RNW-5 | |
| 4) Race | (2) |
| RACE-2 | |
| 5) Social Security | (2) |
| SS-1 | |
| 6) Education | (3) |
| EDUC-2 | |

Total Cells - 504

INTEREST

Universe: IF-INT1 = 1
Imputation item: INT-YN

1) Sex	(2)
Sex-1	
2) Age	(7)
Age-1	
3) Relationship to householder	(4)
REL-1	
4) Earnings/Household income	(12)
ERNHH-2	
5) Householder's reciprocity	(3)
HINT-1	

Total Cells - 2,016

DIVIDENDS
Universe: IF-DIV1 = 1
Imputation item: DIV-YN

- | | |
|---|------|
| 1) Sex
Sex-1 | (2) |
| 2) Age
Age-1 | (7) |
| 3) Relationship to householder
REL-1 | (4) |
| 4) Earnings/Household income
ERNHH-2 | (12) |
| 5) Householder's reciprocity
HDIV-1 | (3) |

Total Cells - 2,016

RENT

Universe: IF-RNT1 = 1
Imputation item: RNT-YN

- 1) Sex (2)
Sex-1
- 2) Age (7)
Age-1
- 3) Relationship to householder (4)
REL-1
- 4) Earnings/Household income (12)
ERNHH-2
- 5) Householder's reciprocity (3)
HRNT-1

Total Cells - 2,016

EDUCATIONAL ASSISTANCE

Universe: IF-EDUC1 = 1

Imputation item: EDUC-YN, PELL-YN, OED-TYP(1-3)

- | | |
|--------------------------------|-----|
| 1) Sex | (2) |
| Sex-1 | |
| 2) Age | (6) |
| Age-3 | |
| 3) Relationship to householder | (4) |
| REL-1 | |
| 4) Work/Education Status | (5) |
| WEDS-1 | |
| 5) Educational attainment | (4) |
| EDUC-1 | |

Total Cells - 960

CHILD SUPPORT
Universe: IF-SCP1 = 1
Imputation item: CSP-YN

- | | |
|--|-----|
| 1) Sex
Sex-1 | (2) |
| 2) Age
Age-3 | (6) |
| 3) Marital status
MAR-1 | (6) |
| 4) Presence of own children
CHILD-1 | (4) |
| 5) Level of earnings
ERN-1 | (6) |

Total Cells - 1,728

ALIMONY
Universe: IF-AL1 = 1
Imputation item: ALIM-YN

- 1) Sex (2)
Sex-1
- 2) Age (7)
Age-1
- 3) Marital status (6)
MAR-1
- 4) Level of earnings (6)
ERN-1
- 5) Educational attainment (3)
ED-2

Total Cells - 1,512

FINANCIAL ASSISTANCE
Universe: IF-FIN1 = 1
Imputation item: FIN-YN

- | | |
|---|-----|
| 1) Sex
Sex-1 | (2) |
| 2) Age
Age-1 | (7) |
| 3) Relationship to householder
REL-1 | (4) |
| 4) Earnings/Household income
ERNHH-1 | (9) |

Total Cells - 504

"OTHER" INCOME AMOUNT IMPUTATION SPECIFICATIONS

Groups of states by level of unemployment compensation

UST-1

1) AK	2) MD	3) CO	4) DE	5) AL
CT	MN	CA	GA	AZ
DC	NM	FL	IA	AR
HI	NY	ID	ME	IN
LA	ND	KS	MT	MO
NJ	OH	KY	NE	NH
PA	OK	MI	OR	NC
WV	TX	NV	VA	RI
WY	IL	UT	WI	SC
WA	MA	VT	MS	SD
				TN

Groups of states by level of workers' compensation

WST-1

1) AK	2) AR	3) HI	4) NY	5) KS
WA	CT	MA	DC	AZ
ND	SD	IN	SC	UT
IL	NE	IA	MI	AL
NH	CO	VA	CA	MN
OR	ME	RI	WY	MS
WV	DE	OH	MD	OK
FL	KY	NM	MO	ID
MT	VT	NJ	TN	WI
LA	PA	TX	NC	NE
				GA

Groups of states by level of AFDC

AST-1

- | | | | | |
|-------|-------|-------|-------|-------|
| 1) AK | 2) MI | 3) DC | 4) CO | 5) IN |
| CA | VT | OK | MO | AR |
| WI | WA | OR | FL | SD |
| CT | UT | OH | WV | LA |
| MN | ME | MT | NM | ID |
| HI | IL | MD | GA | KY |
| NJ | PA | KS | NH | NE |
| RI | VA | NE | NC | TN |
| MA | ND | AZ | DE | TX |
| NY | IA | WY | SC | MS |
| | | | | AL |

Groups of states by level of SSI

SST-1

- | | | | | |
|-------|-------|-------|-------|-------|
| 1) UT | 2) OH | 3) AL | 4) VA | 5) GA |
| CA | MO | TN | KS | MS |
| NY | MD | CO | CT | KY |
| NJ | VT | IN | DE | AK |
| DC | WA | NM | AR | OK |
| HI | MT | NE | TX | MN |
| WV | MA | SC | ND | IA |
| PA | HI | NV | NC | SD |
| WI | ID | FL | OR | WY |
| MI | IL | RI | AZ | NH |
| | | | | ME |

PENSION TYPE

PTYPE-1

- 1) Company or union pension
- 2) Federal government
- 3) U.S. military retirement
- 4) State or local government retirement
- 5) Railroad Retirement
- 6) Annuities or paid-up life insurance
- 7) IRA or KEOUGH
- 8) Other or DK

PTYPE-2

- 1) NIU (Didn't receive a pension)
- 2) Company or union pension
- 3) Federal government
- 4) U.S. military retirement
- 5) State or local government retirement
- 6) Other

TYPE OF UNEMPLOYMENT COMPENSATION

UCTYP-1

- 1) State payments only
- 2) All others

TYPE OF WORKERS' COMPENSATION

WCTYP-1

- 1) State payments only
- 2) All others

TYPE OF PUBLIC ASSISTANCE

PUBTYP-1

- 1) AFDC
- 2) Other
- 3) Both

AGE

AGE-4

- 1) Under 25 years
- 2) 25 to 34 years
- 3) 35 to 49 years
- 4) 50 to 64 years
- 5) 65 years and over

TYPE OF VA PAYMENT

VATYP-1

- 1) Disability compensation only
- 2) Survivor benefits only
- 3) Veterans pension only
- 4) Educational assistance only
- 5) Other VA payments only
- 6) Combinations of VA payments

VA INCOME QUESTIONNAIRE

VAINC-1

- 1) Yes
- 2) No

TYPE OF SURVIVOR BENEFIT

- 1) Company or union pension
- 2) Federal government
- 3) U.S. military retirement
- 4) State or local government retirement
- 5) Railroad Retirement
- 6) Workers Compensation
- 7) Black lung
- 8) Estates or trusts
- 9) Annuities
- 10) Other or DK

TYPE OF DISABILITY INCOME

- 1) Workers Compensation
- 2) Company or union pension
- 3) Federal government
- 4) U.S. military retirement
- 5) State or local government retirement
- 6) Railroad Retirement
- 7) Acc or disability
- 8) Black lung
- 9) Temporary sickness
- 10) Other or DK

EARNINGS/HOUSEHOLD INCOME

ERNHH-3

- 1) Earnings \$5,000 to \$9,999
- 2) Earnings \$10,000 to \$14,999
- 3) Earnings \$15,000 to \$19,999
- 4) Earnings \$20,000 to \$29,999
- 5) Earnings \$30,000 to \$39,999
- 6) Earnings \$40,000 to \$49,999
- 7) Earnings \$50,000 to \$74,999
- 8) Earnings \$75,000 or more
- 9) Earnings under \$5,000, Household Income under \$5,000
- 10) Earnings under \$5,000, Household Income \$5,000 to \$9,999
- 11) Earnings under \$5,000, Household Income \$10,000 to \$19,999
- 12) Earnings under \$5,000, Household Income \$20,000 to \$29,999
- 13) Earnings under \$5,000, Household Income \$30,000 to \$49,999
- 14) Earnings under \$5,000, Household Income \$50,000 or more

HOUSEHOLD RECIPIENCY PATTERN (INTEREST)

HINT-1

- 1) Yes No No
- 2) Any 2 = Yes
- 3) All 3 = Yes
- 4) Other combinations

HOUSEHOLD RECIPIENCY PATTERN (RENT)

HRNT-1

- 1) Yes No No
- 2) No Yes No
- 3) NO No Yes
- 4) All other combinations

TYPE OF PAYMENT (EDUCATION)

EDTYP(1)

- 1) Pell grant
- 2) Other government assistance only
- 3) Scholarships only
- 4) Other assistance only
- 5) Combinations (other than Pell grant)

HOUSEHOLD INCOME

HHINC-1

- 1) Under \$5,000
- 2) \$5,000 to \$9,999
- 3) \$10,000 to \$14,999
- 4) \$15,000 to \$19,999
- 5) \$20,000 to \$24,999
- 6) \$25,000 to \$34,999
- 7) \$35,000 to \$49,999
- 8) \$50,000 or more

WORK STATUS

WS-1

- 1) Worked last year
- 2) Didn't work last year

WEEKS ON LAYOFF OR LOOKING FOR WORK

WLL-2

- 1) Less than 9 weeks
- 2) 10 to 25 weeks
- 3) 26 to 39 weeks
- 4) 40 weeks or more

WEEKS WORKED

WW-2

- 1) None
- 2) 1 to 11 weeks
- 3) 12 to 25 weeks
- 4) 26 to 39 weeks
- 5) 40 weeks or more

DIVIDEND INDICATOR

- 1) Received dividend last year
- 2) Did not receive dividend last year

FOOD STAMP INDICATOR

- 1) Household received food stamps last year
- 2) No or Blank

PUBLIC ASSISTANCE INDICATOR

- 1) Received AFDC or Other PA last year
- 2) Did not receive AFDC or other PA

AMOUNT KEYS

UNEMPLOYMENT COMPENSATION

	<u>KEY 1</u>	<u>KEY 2</u>
1) Groups of states by level of unemployment compensation UST-1	(5)	(5)
2) Age Age-1	(7)	(5) Age-4
3) Sex Sex-1	(2)	(2)
4) Race-Eth Race-2	(2)	
5) Weeks looking for work WLL-1	(4)	(4)
6) Occupation OCC-1	(7)	(7)
7) Type of unemployment UCTYP-1	(2)	
Total combinations	7,840	1,400

WORKERS' COMPENSATION

	<u>KEY 1</u>	<u>KEY 2</u>
1) Groups of states by level of unemployment compensation WST-1	(5)	(5)
2) Age Age-1	(7)	(5) Age-4
3) Sex Sex-1	(2)	(2)
4) Race-Eth Race-1	(2)	
5) Weeks worked WW-2	(5)	(5)
6) Occupation	(7)	(7)
7) Type of workers' COMP WCTYP-1	(2)	
Total combinations	9,800	1,750

SOCIAL SECURITY

	<u>KEY 1</u>	<u>KEY 2</u>
1) Age Age-2	(8)	(8)
2) Sex Sex-1	(2)	(2)
3) Marital status MAR-2	(4)	(4)
4) Race-Eth Race-1	(3)	
5) Education ED-2	(3)	(3)
6) Work status WS-1	(2)	
7) Pension type PTYPE-2	(6)	(6)
Total combinations	6,912	1,152

SSI

	<u>KEY 1</u>	<u>KEY 2</u>
1) Age Age-2	(8)	(8)
2) Sex Sex-1	(2)	(2)
3) Marital status MAR-2	(4)	(4)
4) Race-Eth Race-1	(3)	(3)
5) State groupings SSI-1	(5)	(5)
6) Social Security indicator SS-1	(2)	
7) Disability income indicator	(2)	
Total combinations	3,840	960

PUBLIC ASSISTANCE*

	<u>KEY 1</u>	<u>KEY 2</u>
1) Age Age-1	(7)	(5) Age-4
2) Sex Sex-1	(2)	(2)
3) Race-Eth Race-1	(3)	(2) Race-2
4) Type of Public Assistance PUBTYP-1	(3)	(3)
5) State groupings AST-1	(5)	(5)
6) Food Stamp indicator FS-1	(2)	
7) Work Status WS-1	(2)	
8) Number of children CHILD-1	(5)	(5)
Total combinations	12,600	1,500

*The amount stored is the monthly amount--to obtain the annual figure, multiply the monthly amount by the number of months received.

VETERANS' ASSISTANCE

	<u>KEY 1</u>	<u>KEY 2</u>
1) Age Age-1	(7)	(7)
2) Sex Sex-1	(2)	(2)
3) Race-Eth Race-1	(3)	(3)
4) Type of VA payment VATYP-1	(6)	(6)
5) VA income questionnaire VAINC-1	(2)	(2)
6) Reason for not working RNW-1	(4)	
Total combinations	2,016	504

SURVIVOR'S BENEFIT

	<u>KEY 1</u>	<u>KEY 2</u>
1) Type of benefit STYPE-1	(10)	(10)
2) Age Age-1	(7)	(5) Age-4
3) Race-Eth Race-1	(3)	(2) Race-2
4) Sex Sex-1	(2)	
5) Marital status MAR-2	(4)	(4)
6) Education ED-2	(3)	(3)
7) Social Security Indicator SS-1	(2)	
Total combinations	10,080	1,200

DISABILITY INCOME

	<u>KEY 1</u>	<u>KEY 2</u>
1) Type of benefit DTYPE-1	(10)	(10)
2) Age Age-1	(7)	(5) Age-4
3) Sex Sex-1	(2)	(2)
4) Race-Eth Race-1	(3)	
5) Education ED-2	(3)	(3)
6) Weeks worked WW-2	(5)	(5)
7) Social Security indicator SS-1	(2)	
Total combinations	12,600	1,500

PENSION INCOME

	<u>KEY 1</u>	<u>KEY 2</u>
1) Type of pension PTYPE-1	(8)	(8)
2) Age Age-2	(8)	(8)
3) Sex Sex-1	(2)	(2)
4) Race-Eth Race-1	(3)	(3)
5) Education ED-2	(3)	(3)
6) Social Security indicator SS-1	(2)	
7) Interest or Dividend indicator INDIV-1	(2)	
8) Worker Status WS-1	(2)	
Total combinations	9,216	1,152

INTEREST HUSBAND-WIFE

	<u>KEY 1</u>	<u>KEY 2</u>
1) Household reciprocity pattern HINT-1	(4)	(4)
2) Earnings level/Household Income ERNHH-3	(14)	(14)
3) Race (husband) Race-1	(3)	
4) Age (husband) Age-1	(7)	(5) Age-2
5) Education (husband) ED-2	(3)	(3)
6) Number of children Child-1	(5)	(5)
Total combinations	17,640	4,200

INTEREST ALL OTHERS

	<u>KEY 1</u>	<u>KEY 2</u>
1) Household reciprocity pattern HINT-1	(4)	(4)
2) Earnings level/Household Income ERNHH-2	(12)	(12)
3) Race Race-1	(3)	
4) Age Age-1	(7)	(7)
5) Sex Sex-1	(2)	(2)
6) Relationship to householder Rel-1	(4)	(4)
Total combinations	8,064	2,688

DIVIDEND HUSBAND-WIFE

	<u>KEY 1</u>	<u>KEY 2</u>
1) Earnings level/Household Income (husband-wife) ERNHH-3	(14)	(14)
2) Age (husband) Age-1	(7)	(7)
3) Race (husband) Race-1	(3)	
4) Education (husband) EDUC-2	(3)	(3)
5) Number of children Child-1	(5)	(5)
Total combinations	4,410	1,470

DIVIDEND ALL OTHERS

	<u>KEY 1</u>	<u>KEY 2</u>
1) Earnings level/Household Income. ERNHH-1	(12)	(12)
2) Race Race-1	(3)	
3) Age Age-1	(7)	(7)
4) Education Ed-2	(3)	(3)
5) Sex Sex-1	(2)	(2)
6) Relationship to householder REL-1	(4)	(4)
Total combinations	10,080	3,360

INTEREST AND DIVIDENDS HUSBAND-WIFE

	<u>KEY 1</u>	<u>KEY 2</u>
1) Household Recipency pattern HINT-1	(4)	(4)
2) Earnings level/Household Income ERNHH-1	(14)	(14)
3) Race (husband) Race-1	(3)	(2) Race-2
4) Age (husband) Age-1	(7)	(7)
5) Education (husband) Educ-2	(3)	
6) Number of children Child-1	(5)	(5)
Total combinations	17,640	3,920

INTEREST AND DIVIDENDS-ALL OTHERS

	<u>KEY 1</u>	<u>KEY 2</u>
1) Household Reciprocity pattern HINT-1	(4)	(4)
2) Earnings level/Household Income ERNHH-1	(12)	(12)
3) Race Race-1	(3)	
4) Age Age-1	(7)	(7)
5) Sex Sex-1	(2)	(2)
6) Relationship to householder Rel-1	(4)	(4)
Total combinations	8,064	2,688

RENT HUSBAND-WIFE

	<u>KEY 1</u>	<u>KEY 2</u>
1) Household reciprocity pattern HHRNT-1	(4)	(4)
2) Earnings level/Household Income ERNHH-3	(14)	(14)
3) Age (husband) Age-1	(7)	(7)
4) Race (husband) Race-1	(3)	
5) Education (husband) EDUC-2	(3)	
6) Interest/Dividend Indicator ID-1	(2)	(2)
Total combinations	7,055	1,680

RENT ALL OTHERS

	<u>KEY 1</u>	<u>KEY 2</u>
1) Household reciprocity pattern HHRNT-1	(4)	(4)
2) Earnings level/Household Income ERNHH-2	(12)	(12)
3) Age Age-1	(7)	(5) Age-4
4) Race Race-1	(3)	
5) Sex Sex-1	(2)	(2)
6) Relationship to householder Rel-1	(4)	(4)
Total combinations	8,064	1,920

EDUCATION

	<u>KEY 1</u>	<u>KEY 2</u>
1) Type of payment EDTYP-1	(5)	(5)
2) Sex Sex-1	(2)	(2)
3) Race Race-1	(3)	(2) Race-2
4) Household income HHINC-1	(8)	(8)
5) Work Status WS-1	(2)	(2)
6) Educational attainment EDUC-3	(2)	
Total combinations	960	320

CHILD SUPPORT

	<u>KEY 1</u>	<u>KEY 2</u>
1) Age Age-1	(7)	(7)
2) Race Race-1	(3)	(3)
3) Earnings level/household income ERNHH-2	(12)	(12)
4) Number of children CHILD-1	(5)	(5)
5) Food Stamp indicator FS-1	(2)	
6) Public assistance indicator PA-1	(2)	
Total combinations	7,560	1,260

ALIMONY

	<u>KEY 1</u>	<u>KEY 2</u>
1) Age Age-1	(7)	(5) Age-4
2) Earnings level/household income ERNHH-2	(12)	(12)
3) Race Race-1	(3)	
4) Education EDUC-2	(3)	(3)
5) Food Stamp indicator FS-1	(2)	(2)
6) Number of children Child-2	(3)	(3)
Total combinations	4,536	1,080

FINANCIAL ASSISTANCE

	<u>KEY 1</u>	<u>KEY 2</u>
1) Age Age-1	(7)	(7)
2) Sex Sex-1	(2)	(2)
3) Race Race-1	(3)	
4) Earnings level/household income ERNHH-1	(9)	(9)
Total combinations	378	126

ANYTHING ELSE

	<u>KEY 1</u>	<u>KEY 2</u>
1) Type of income OTYP-1	(19)	(19)
2) Age Age-1	(7)	(5) Age-4
3) Sex Sex-1	(2)	(2)
4) Race-eth Race-1	(3)	(2) Race-2
5) Worker status WS-1	(2)	
Total combinations	1,596	190