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

APR 22

MEMORANDUM FOR Thomas C. Walsh
Chief, Demographic Surveys Division

From: Paula J. Schneider Charles McNarcock (for)
Chief, Population Division

Subject: Proposed Specifications for Noncash Benefit Edits and Imputations: March CPS Rewrite

Attached are the proposed specifications for the noncash benefit edit and imputation portion of the March 1988 processing rewrite. Please direct any comments to Charles Nelson of the Income Statistics Branch.

Attachments

cc: G. Russell (DSD)
B. Fink
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K. Creighton
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R. Tucker
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G. Green (POP)
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Chron

POP:CNelson:sls

NONCASH EDIT AND ALLOCATION SPECIFICATIONS

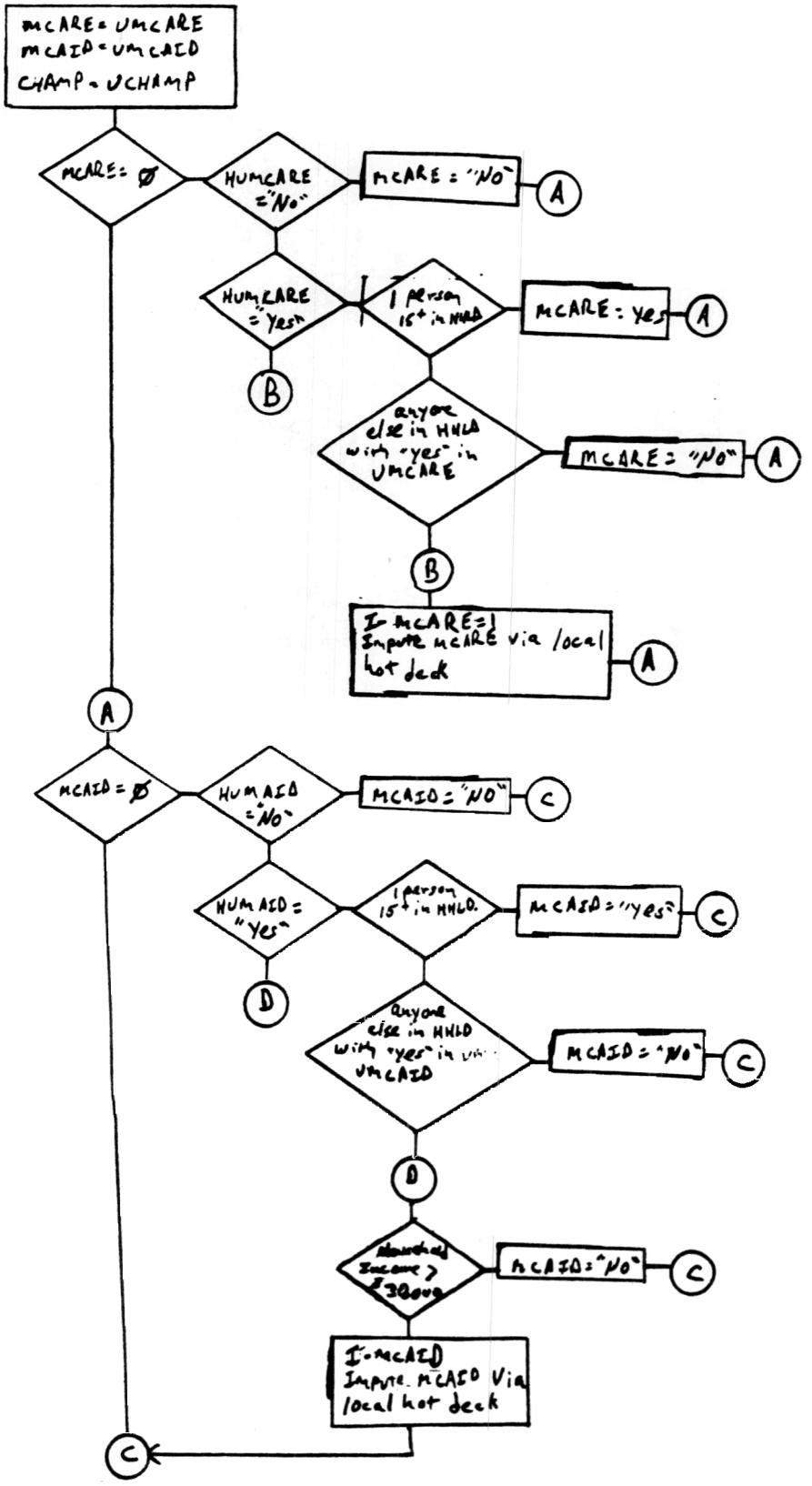
1) Page 15 (Items 74-76)--The major difference between the current and proposed edit and allocation system for these items revolves around the fact that supplement noninterviews and nonmatches account for the vast majority of these allocations (particularly since dollar amounts are not involved). As noted previously, the entire set of supplement information, including the noncash items on page 15, will be allocated to each supplement noninterview. Therefore, the main purpose of this part of the processing system will be to: 1) edit for consistency, 2) impute items 74-76 to interviewed supplement persons with missing information, and 3) assign health insurance coverage to those who are categorically eligible and to spouses and children of covered persons. The specifications for these edits and allocations are shown in Attachments I and II.

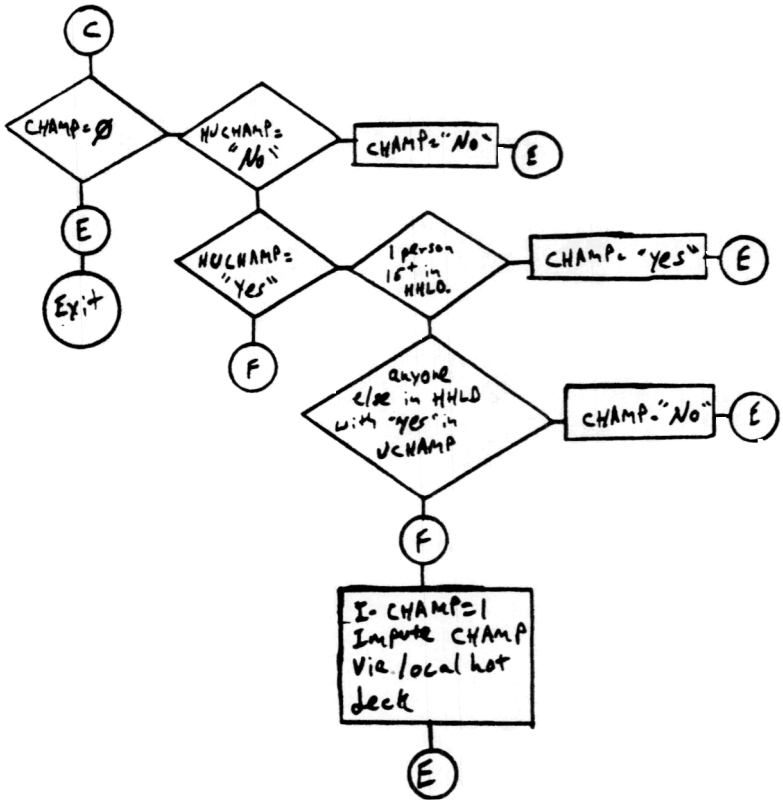
2) Cover Page (Items 79-93)--The proposed edit and imputation specifications for these household items are similar to the ones currently in use, though they have been expanded to include the new items relating to health insurance coverage of children under 15 Items 79-81A). Specifications for these edits and allocations are also shown in Attachments I and II.

ATTACHMENT

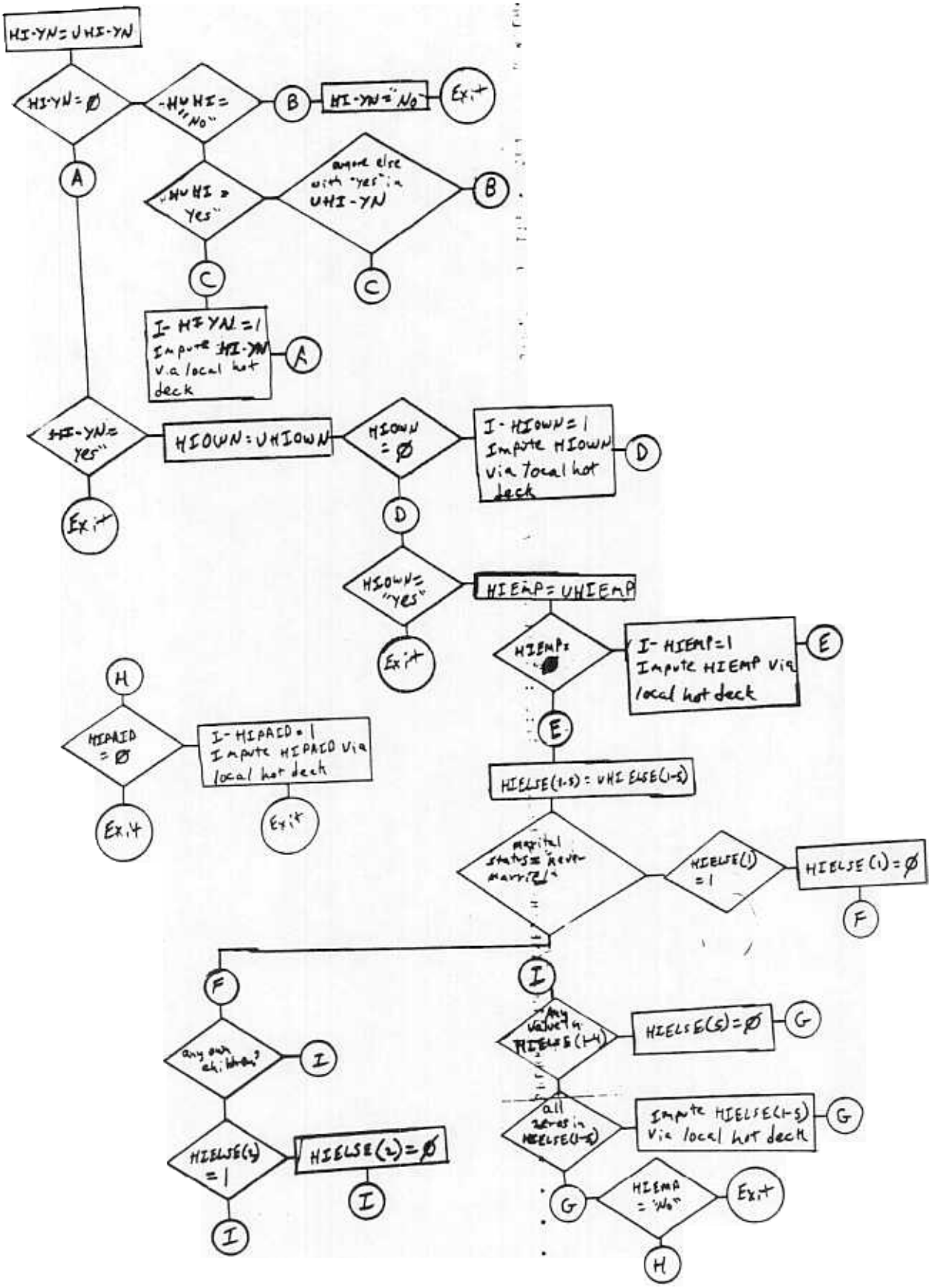
NONCASH BENEFIT CONSISTENCY EDIT SPECIFICATIONS

Govt Health Insurance edit (Persons edit)

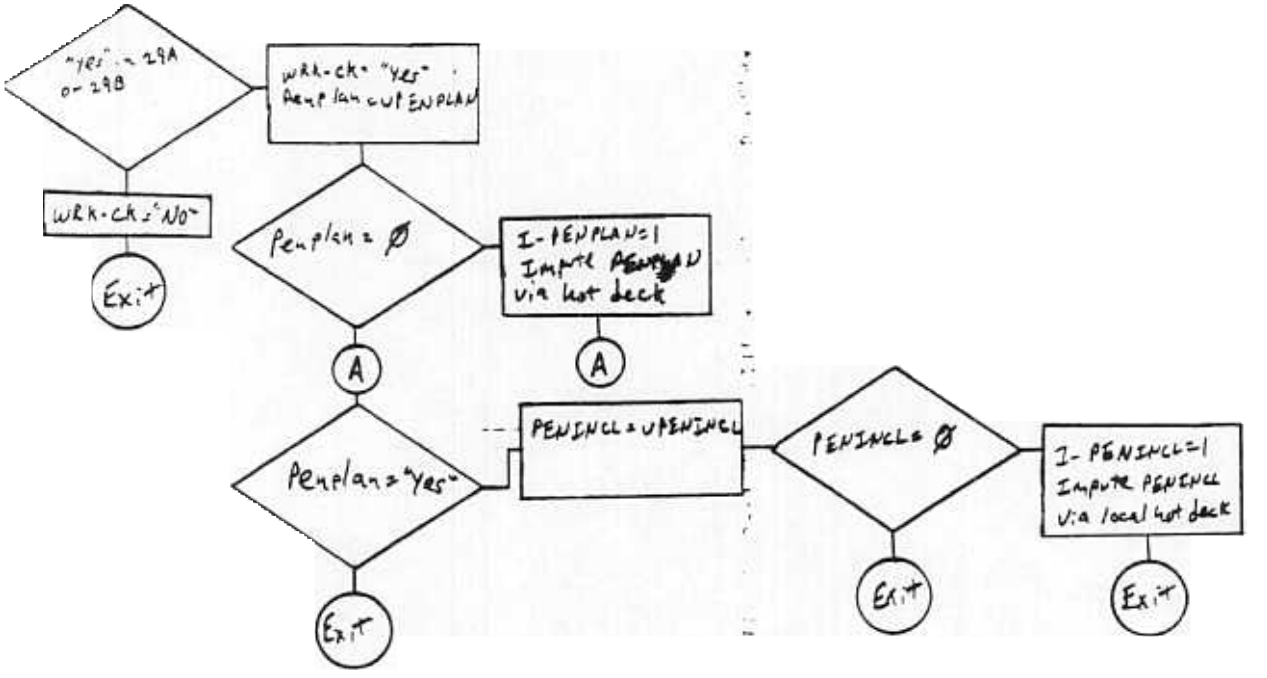



C
CHAMP=Ø
NUCHAMP= "No"
CHAMP="No"
E
E
Exit
NUCHAMP= "Yes"
1 person 16+ in HHLD.
CHAMP= "yes"
E
F
anyone else in HHLD with "yes" in UCHAMP
CHAMP="No"
E
F
I- CHAMP=1
Impute CHAMP
Via local hot
deck
E

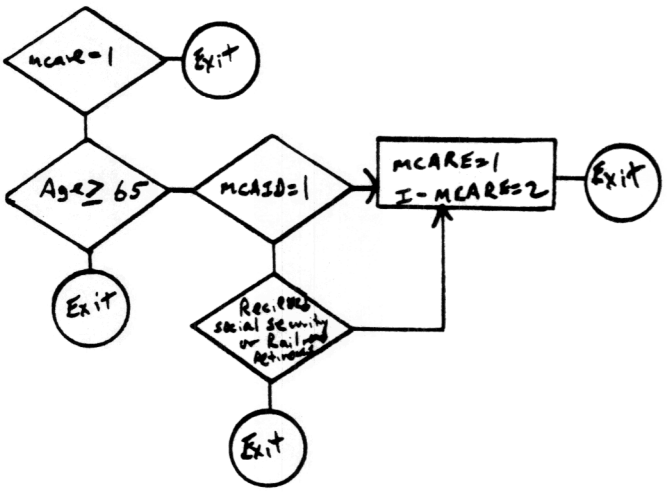
Other Health insurance edit



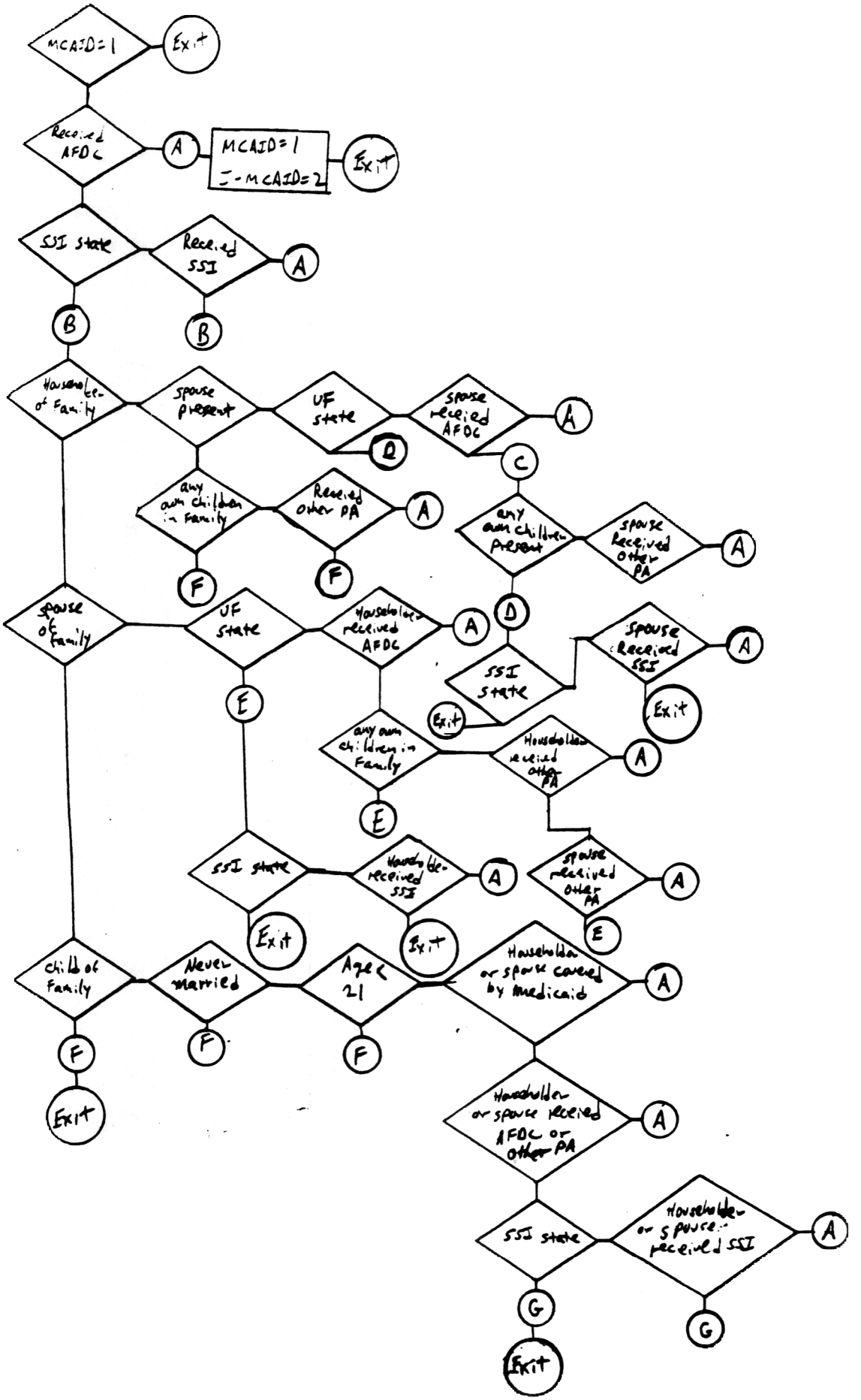
Pension edit



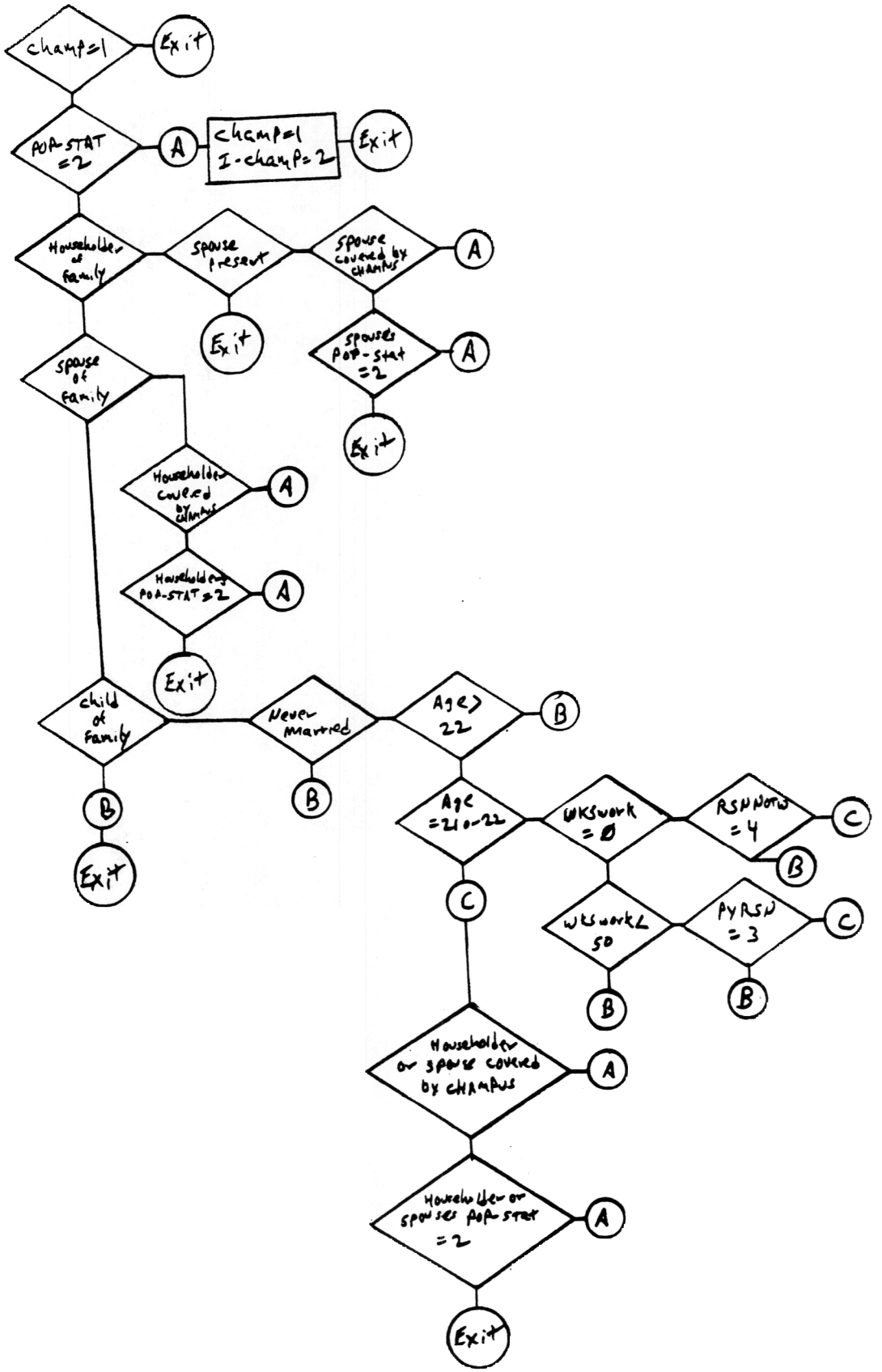
covered edit med.care



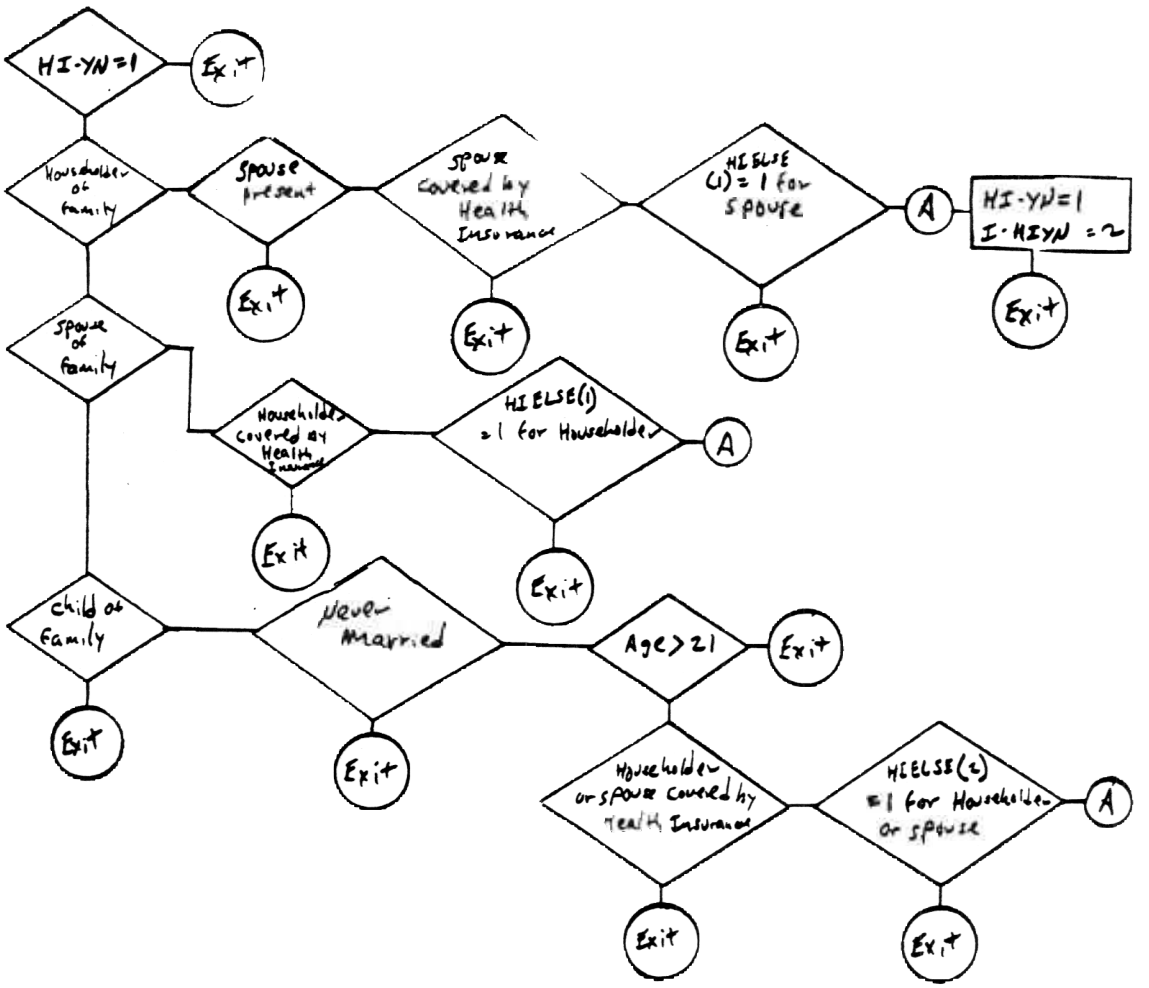
Covered ed+ Medicaid



covered ed c ampus

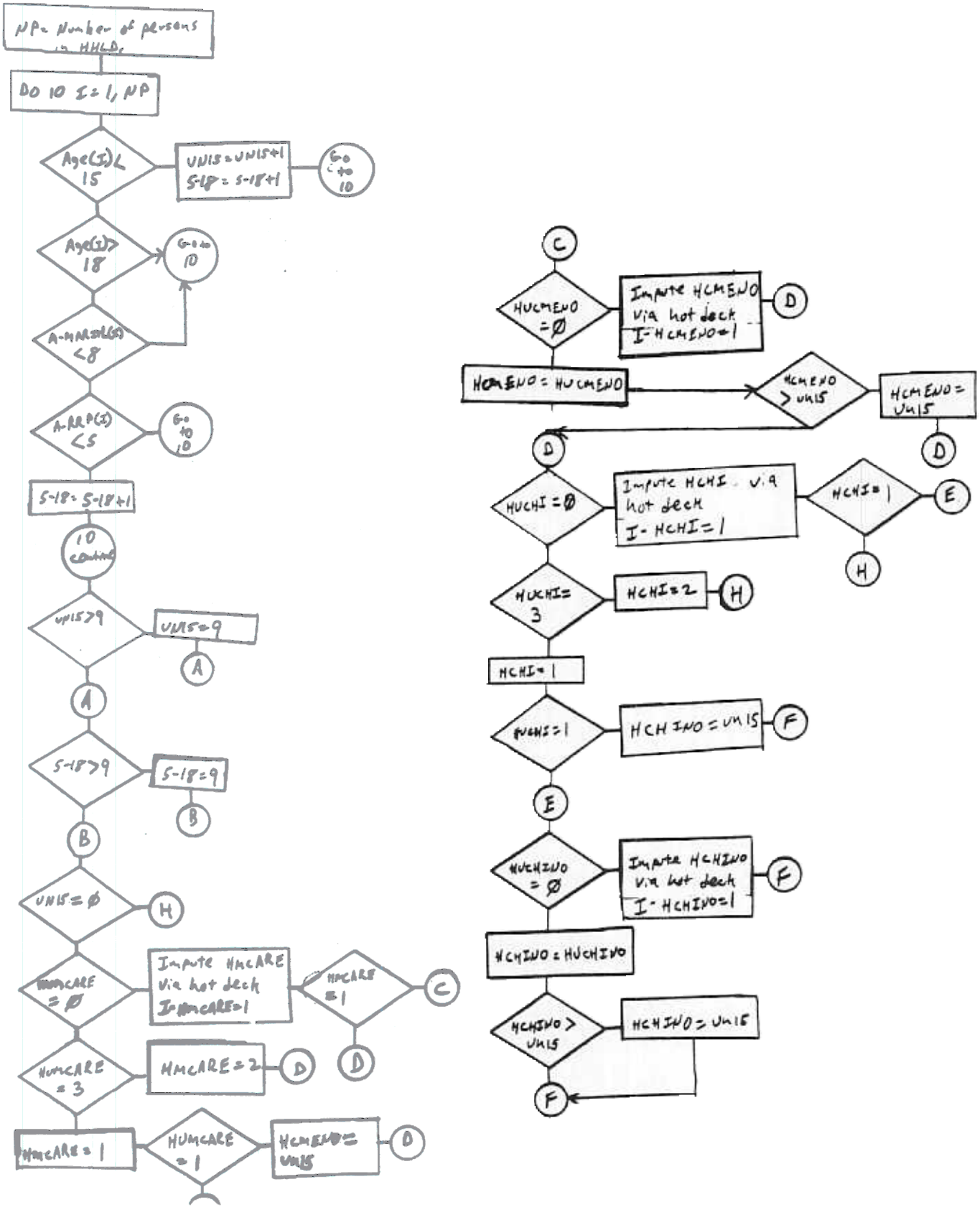


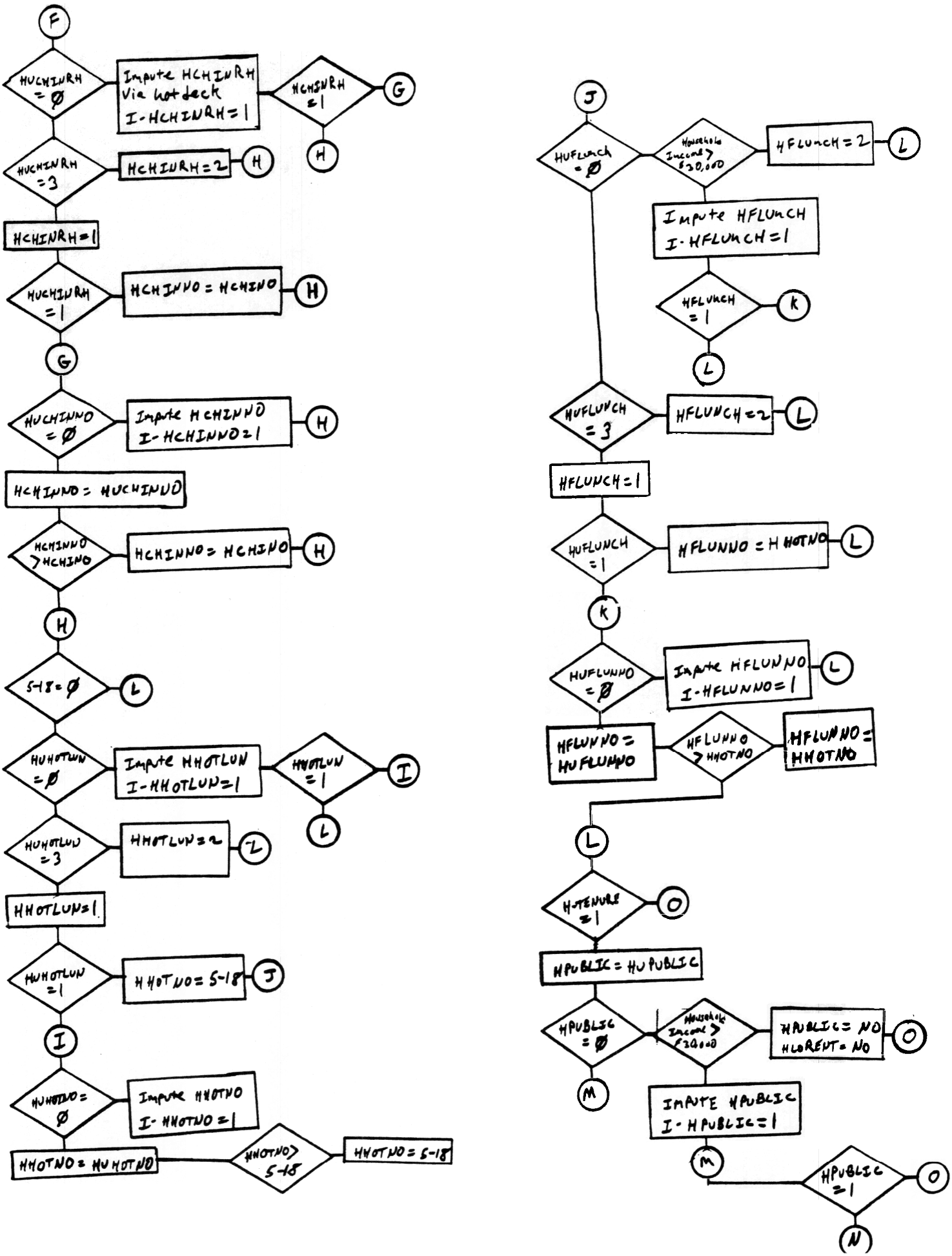
Cove edit other Health surance

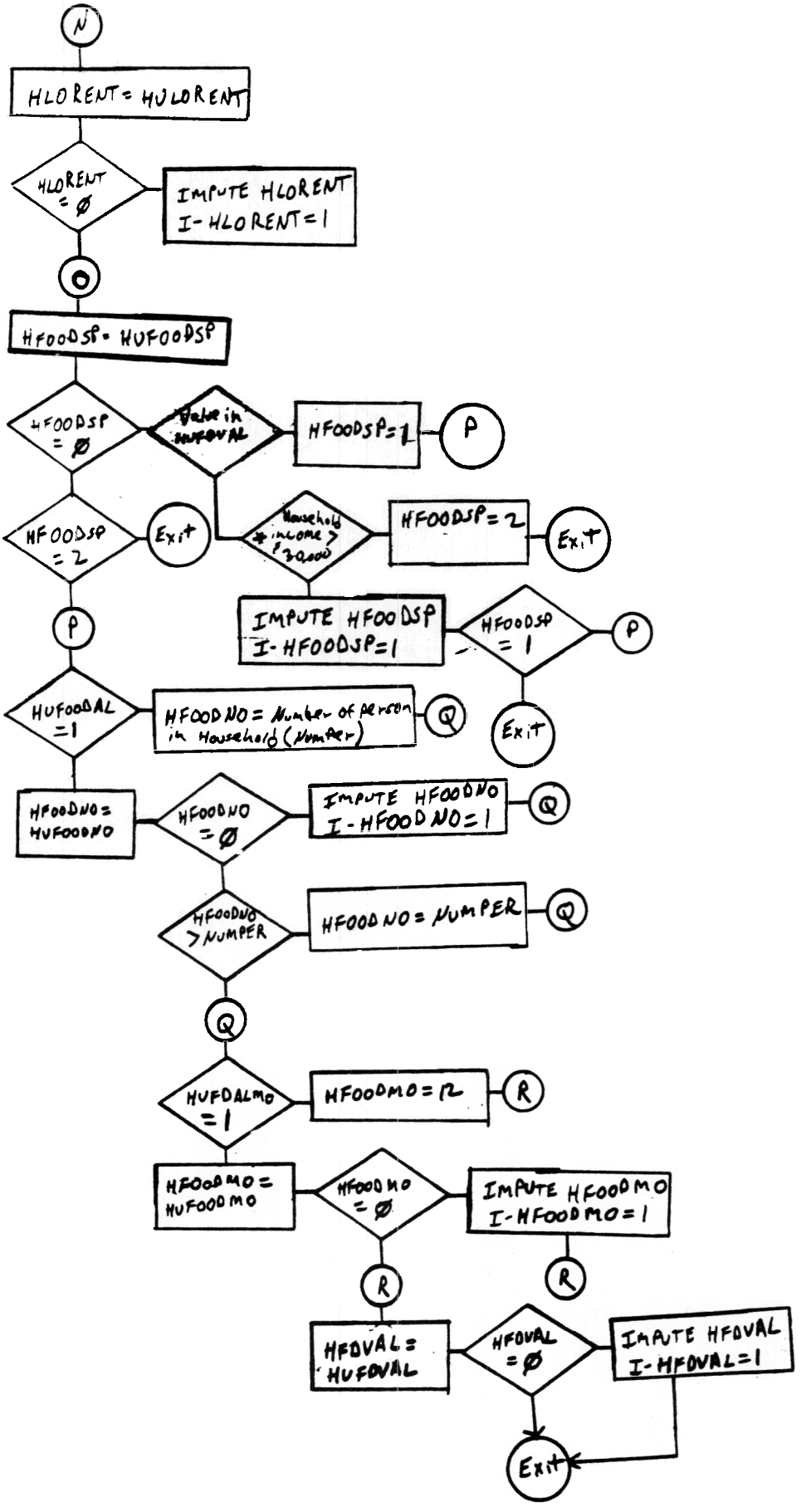


cover Age ed. – (Household ed.+)

Part Count number of children under age in HHLD. and Iden age




F
HUCHINRH = Ø
Impute HCHINRH Via hot deck I-HCHINRH=1
HCHINRH =1
G
H
HUCHINRH =3
HCHINRH=2
H
HCHINRH=1
HUCHINRH =1
HCHINNO = HCHINO
H
G
HUCHINNO = Ø
Impute HCHINNO I-HCHINNO=1
H
HCHINNO = HUCHINNO
HCHINNO > HCHINO
HCHINNO = HCHINO
H
H
5-18 = Ø
L
HUHOTLUN = Ø
Impute HHOTLUN I-HHOTLUN=1
HHOTLUN =1
I
L
HUHOTLUN =3
HHOTLUN=2
L
HHOTLUN=1
HUHOTLUN =1
HHOTNO = 5-18
J
I
HUHOTNO = Ø
Impute HHOTNO I-HHOTNO=1
HHOTNO = HUHOTNO
HHOTNO > 5-18
HHOTNO = 5-18
J
HUFLUNCH = Ø
Household Income > $30,000
HFLUNCH = 2
L
Impute HFLUNCH I-HFLUNCH=1
HFLUNCH =1
K
L
HUFLUNCH =3
HFLUNCH=2
L
HFLUNCH=1
HUFLUNCH =1
HFLUNNO = HHOTNO
L
K
HUFLUNNO = Ø
Impute HFLUNNO I-HFLUNNO=1
L
HFLUNNO = HUFLUNNO
HFLUNNO > HHOTNO
HFLUNNO = HHOTNO
L
H-TENURE =1
O
HPUBLIC = HUPUBLIC
HPUBLIC = Ø
Household Income > $20,000
HPUBLIC = NO HLORENT = NO
O
M
IMPUTE HPUBLIC I-HPUBLIC=1
M
HPUBLIC =1
O
N



* Refers to actual Household income (not Control Card Income)

ATTACHMENT II

NONCASH BENEFIT IMPUTATION SPECIFICATIONS

1) AGE

Age-1
1) Less than 22 years
2) 22 to 34 yrs
3) 35 to 44 yrs
4) 45 to 64 yrs
5) 65 yrs & over

2) MARITAL STATUS

Mar-1
1) Married
2) Never Married
3) Divorced or Separated
4) Widowed

3) PRESENCE OF CHILDREN IN FAMILY

CH-1
1) 1 or more own children under 22 years old
2) No own children under 22 years old

4) POVERTY STATUS OF FAMILY

PS-1
1) In poverty
2) Not in poverty

5) VETERAN STATUS

VET-1
1) Veteran
2) non-Veteran
3) Current AF member

6) RELATIONSHIP TO REFERENCE PERSON

Rel-1
1) Reference Person (w/relatives) or spouse
2) Child or other relative
3) UI

7) WORK STATUS OF SPOUSE

WSS-1
1) NIU (Not a householder or spouse, or householder with no spouse present)
2) Spouse worked last year
3) Spouse did not work last year

8) PENSION RECIPIENCY

PEN-1
1) Received a pension last year
2) Did not receive a pension last year

9) WORK STATUS OF PARENTS

WSP-1
1) Not a child of householder
2) Both parents worked last year
3) One parent worked last year
4) Neither parent worked last year

10) COVERAGE IN GOVERNMENT HEALTH PLAN

GH-1
1) Covered by Medicare, Medicaid or CHAMPUS
2) Not covered by government health plan

WORK/DISABILITY STATUS

WD-1
1) Worked last year
2) Did not work last year--disabled
3) Did not work last year--other

SIZE OF FIRM

SF-1
1) Under 25 employees
2) 25 to 499 employees
3) 500 to 999 employees
4) 1,000 or more employees

LEVEL OF EARNINGS

ERN-1
1) Under $1,000
2) $1,000 to $4,999
3) $5,000 to $14,999
4) $15,000 to $24,999
5) $25,000 or more

14) SEX

SEX-1
1) Male
2) Female

SOCIAL SECURITY RECIPIENCY

SS-1
1) Received Social Security
2) Did not receive Social Security

16) CLASS OF WORKER

CW-1
1) Self-employed, Unincorporated (or farmer)
2) Other

DATA DICTIONARY: NONCASH IMPUTATIONS (COVER PAGE)

1) PRIMARY FAMILY OR INDIVIDUAL TYPE

HTYPE-1
1) Husband-wife family
2) Male householder, no wife present (or male UI)
3) Female householder, no husband present (or female UI)

2) CASH PUBLIC ASSISTANCE RECIPIENCY

PA-1
1) Anyone in household received SSI, AFDC, or other public assistance
2) No one in household received SSI, AFDC, or other public assistance

3) AGE OF HOUSEHOLDER

HAGE-1
1) Under 65 years
2) 65 yrs & over

HAGE-2
1) Under 25 years
2) 25 to 34 years
3) 35 to 44 years
4) 45 to 64 years
5) 65 years and over

4) MARITAL STATUS OF HOUSEHOLDER

HMS-1
1) Married, spouse present
2) Never Married
3) Divorced or Separated
4) Other

5) HOUSEHOLD SIZE

NP-1
1) 1 person
2) 2 persons
3) 3 persons
4) 4 persons
5) 5 persons
6) 6 or more persons

NP-2
1) 1 person
2) 2 persons
3) 3 persons
4) 4 persons
5) 5 persons
6) 6 persons
7) 7 persons
8) 8 or more persons

6) HOUSEHOLD INCOME

HH-1
1) Under $4,000
2) $4,000 to $6,999
3) $7,000 to $9,999
4) $10,000 to $12,999
5) $13,000 to $15,999
6) $16,000 to $19,999
7) $20,000 to $24,999
8) $25,000 to $29,999
9) $30,000 or more

7) MEDICAID RECIPIENCY

MD-1
1) Someone in household covered by Medicaid
2) No one in household covered by Medicaid

8) POVERTY RATIO OF PRIMARY FAMILY OR UI

PR-1
1) Under 1.0
2) 1.0 to 1.5
3) 1.5 to 2.0
4) 2.0 to 2.5
5) 2.5 to 3.0
6) 3.0+

9) CHILDREN COVERED BY MEDICARE OR MEDICAID

CARE-1
1) One or more children in household covered by Medicare or Medicaid
2) No children in household covered by Medicare or Medicaid

10) HEALTH INSURANCE RECIPIENCY

HI-1
1) Someone in household covered by group health insurance in own name and reported children in household covered
2) Someone in household covered by group health insurance in own name, no one reported children in household covered
3) No one in household reported group health insurance coverage in own name

IMPUTATION MATRICES: NONCASH BENEFITS

Imputation Item: MCARE
Universe: I-MCARE = 1

1)	Age	
	Age-1	(5)
2)	Work/Disability Status	
	WD-1	(3)
3)	Social Security Recipiency	
	SS-1	(2)
4)	Poverty Status	
	PS-1	(2)
5)	Veteran Status	
	VET-1	(3)
6)	Relationship to Reference Person	
	REL-1	(3)
	TOTAL CELLS	540

Imputation Item: MCAID
Universe: I-MCAID = 1

1)	Age	
	Age-1	(5)
2)	Work/Disability Status	
	WD-1	(3)
3)	Social Security Recipiency	
	SS-1	(2)
4)	Poverty Status	
	PS-1	(2)
5)	Veteran Status	
	VET-1	(3)
6)	Relationship to Reference Person	
	REL-1	(3)
	TOTAL CELLS	540

Imputation Item: HIYN

I. Universe: I-HIYN = 1 and WKSWORK ≠ 0

1)	Age Age-1	(5)
2)	Labor Force Status of Spouse LFS-1	(3)
3)	Class of Worker CW-1	(2)
4)	Level of Earnings ERN-1	(5)
5)	Size of Firm SF-1	(4)
	TOTAL CELLS	600

II. Universe: I-HIYN = 1 and WKSWORK = 0

1)	Age Age-1	(5)
2)	Work Status of Spouse WSS-1	(3)
3)	Work Status of Parents WSP-1	(2)
4)	Coverage in Government Health Plan GH-1	(2)
5)	Pension Recipiency PEN-1	(2)
	TOTAL CELLS	240

Imputation Item: HIOWN

I. Universe: I-HIOWN = 1 and WKSWORK ≠ 0

1)	Age Age-1	(5)
2)	Labor Force Status of Spouse LFS-1	(3)
3)	Class of Worker CW-1	(2)
4)	Level of Earnings ERN-1	(5)
5)	Size of Firm SF-1	(4)
	TOTAL CELLS	600

II. Universe: I-HIOWN = 1 and WKSWORK = 0

1)	Age Age-1	(5)
2)	Work Status of Spouse WSS-1	(3)
3)	Work Status of Parents WSP-1	(2)
4)	Coverage in Government Health Plan GH-1	(2)
5)	Pension Recipiency PEN-1	(2)
	TOTAL CELLS	240

Imputation Item: HIEMP

I. Universe: I-HIEMP = 1 and WKSWORK ≠ 0

1)	Age Age-1	(5)
2)	Labor Force Status of Spouse LFS-1	(3)
3)	Class of Worker CW-1	(2)
4)	Level of Earnings ERN-1	(5)
5)	Size of Firm SF-1	(4)
	TOTAL CELLS	600

II. Universe: I-HIEMP = 1 and WKSWORK = 0

1)	Age Age-1	(5)
2)	Work Status of Spouse WSS-1	(3)
3)	Work Status of Parents WSP-1	(2)
4)	Coverage in Government Health Plan GH-1	(2)
5)	Pension Recipiency PEN-1	(2)
	TOTAL CELLS	240

Imputation Item: HIPPID

I. Universe: I-HIPAID = 1 and WKSWORK ≠ 0

1)	Age Age-1	(5)
2)	Labor Force Status of Spouse LFS-1	(3)
3)	Class of Worker CW-1	(2)
4)	Level of Earnings ERN-1	(5)
5)	Size of Firm SF-1	(4)
	TOTAL CELLS	600

II. Universe: I-HIPAID = 1 and WKSWORK = 0

1)	Age Age-1	(5)
2)	Work Status of Spouse WSS-1	(3)
3)	Work Status of Parents WSP-1	(2)
4)	Coverage in Government Health Plan GH-1	(2)
5)	Pension Recipiency PEN-1	(2)
	TOTAL CELLS	240

Imputation Item: HIELSE (1-5)

Universe: I-HIELSE = 1

1)	HIEMP	(2)
2)	Marital Status MAR-1	(4)
3)	Presence of Own Children CH-1	(2)
4)	Relationship to Family Householder REL-1	(3)
	TOTAL CELLS	48

Imputation Item: PENPLAN

Universe: I-PENPLAN = 1

1)	Age	
	Age-1	(5)
2)	Labor Force Status of Spouse	
	LFS-1	(3)
3)	Class of Worker	
	CW-1	(2)
4)	Level of Earnings	
	ERN-1	(5)
5)	Size of Firm	
	SF-1	(4)
	TOTAL CELLS	600

Imputation Item: PENINCL

Universe: I-PENINCL = 1

1)	Age	
	Age-1	(5)
2)	Labor Force Status of Spouse	
	LFS-1	(3)
3)	Class of Worker	
	CW-1	(2)
4)	Level of Earnings	
	ERN-1	(5)
5)	Size of Firm	
	SF-1	(4)
	TOTAL CELLS	600

Imputation Item: HCMCARE

Universe: I-HCMCARE = 1

1)	Household Income HH-1	(9)
2)	Size of household NP-1	(6)
3)	Medicaid Indicator MD-1	(2)
4)	Family Type HTYPE-1	(3)
	TOTAL CELLS	324

Imputation Item: HCMCENO

Universe: I-HCMCENO = 1

1) Number of Children Under 15

(9)

Imputation Item: HCHI

Universe: I-HCHI = 1

1)	Primary Family Type HTYPE-1	(3)
2)	Health Insurance Coverage HI-1	(3)
3)	Age of Householder HAGE-1	(5)
4)	Marital Status of Householder HMAR-1	(4)
5)	Children Covered by Medicare or Medicaid CARE-1	(2)
	TOTAL CELLS	360

Imputation Item: HCINO

Universe: I-HCINO = 1

1) Number of Children Under 15 (9)

Imputation Item: HCHINRH

Universe: I-HCHINRH = 1

1)	Primary Family Type HTYPE-1	(3)
2)	Health Insurance Coverage HI-1	(3)
3)	Age of Householder HAGE-1	(5)
4)	Marital Status of Householder HMAR-1	(4)
5)	Children Covered by Medicare or Medicaid CARE-1	(2)
	TOTAL CELLS	360

Imputation Item: HCHINNO

Universe: I-HCHINNO = 1

1) Number of Children in household covered by health insurance (9)

Imputation Item: HHOTLUN

Universe: I-HHOTLUN = 1

1)	Household Size NP-1	(6)
2)	Household Income HH-1	(9)
3)	Primary Family Type HTYPE-1	(3)
4)	Age of Householder HA-1	(2)
5)	Public Assistance Indicator PA-1	(2)
	TOTAL CELLS	648

Imputation Item: HHOTNUM

Universe: I-HHOTNUM = 1

1) Number of Children 5 to 18

(9)

Imputation Item: HFLUNCH

Universe: I-HFLUNCH = 1

1)	Household Size NP-1	(6)
2)	Household Income HH-1	(9)
3)	Primary Family Type HTYPE-1	(3)
4)	Age of Householder HA-1	(2)
5)	Public Assistance Indicator PA-1	(2)
	TOTAL CELLS	648

Imputation Item: HFLUNNO

Universe: I-HFLUNNO = 1

1) Number of Children Who Eat a Hot Lunch at School (9)

Imputation Item: HFOODSP

Universe: I-HFOODSP = 1

1)	Household Size	
	NP-1	(6)
2)	Household Income	
	HH-1	(9)
3)	Primary Family Type	
	HTYPE-1	(3)
4)	Age of Householder	
	HA-1	(2)
5)	Public Assistance Indicator	
	PA-1	(2)
	TOTAL CELLS	656

Imputation Item: HFOODMO

Universe: I-HFOODMO = 1

1) Household Size NP-1	(6)
2) Household Income HH-1	(9)
3) Primary Family Type HTYPE-1	(3)
4) Age of Householder HA-1	(2)
5) Public Assistance Indicator PA-1	(2)
TOTAL CELLS	648

Imputation Item: HFOODNO

Universe: I-HFOODNO = 1

1) Number of Persons in Household
   NP-2 (8)

Imputation Item: HFDVAL*

Universe: I-HFDVAL = 1

1)	Number of Persons in Household	
	NP-2	(8)
2)	Household Income	
	HINC-1	(9)
	TOTAL CELLS	72

*Store monthly amount--multiply by number of months received when filling values.