

1990 NATIONAL HEALTH INTERVIEW SURVEY (NHIS)

FAMILY RESOURCES PUBLIC USE DATA FILE

Guidelines for Citation of Data

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When cited in a bibliography, the suggested citation should read:

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1990 National Health Interview Survey (NHIS)  
Family Resources  
Public Use Data File

This tape contains data edited and imputed by methods not previously used by the NHIS (see note 2 below). The cleaning, editing, and allocation or imputation of data procedures were designed and performed by staff at the U.S. Bureau of the Census and the Office of the Assistant Secretary for Planning and Evaluation, although NHIS staff input was provided in the design of the specifications. These procedures are still being refined and will differ somewhat in subsequent years. These data should, therefore, be used taking these limitations into consideration. Data that have been modified are identified by flag fields (see note 2 below and cross-reference list). NOTE: please read carefully all notes and footnotes specific to fields being used in analysis.

1. The 1990 National Health Interview Survey (NHIS) Family Resources data file (FR) contains data items from the Income supplement which includes information on health insurance and other types of health care coverage

and public program participation, as well as a variety of income sources for the calendar month prior to the interview date.

2. The 1990 FR differs from other NHIS data tapes because it includes imputed or "allocated" data, using a hot deck method, when either the entire record for an interviewed individual or specific data items or amounts were missing.

The specifications for the data allocation were written by personnel of the U.S. Bureau of the Census and programmed by personnel in the Office of the Assistant Secretary for Program and Evaluation. Essentially, a variety of information about an individual such as gender, race, education, detailed employment status, activity limitation, a variety of family characteristics (including those of the parents, for children), were used to sort individuals into "like" categories. The characteristics and categories used varied by specific field.

The entire record was allocated from one other "like" individual if either no record existed or less than three fields were completed. Otherwise, the allocation was done on an item by related item basis.

Any allocated data can be identified by field-specific flags. A listing cross-referencing data locations and associated flags is found at the end of this cover documentation.

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3. The 1990 FR file is structured in the following way.
  - a. The NHIS person record from the core questionnaire (locations 1-189)
  - b. Weight fields (locations 190-335)
  - c. The family resources data, including personal and family monthly income totals (locations 336-465)

4. Weights and variances:

Since the NHIS uses a multistage sample design to represent the civilian non-institutionalized population of the United States, weights must be used to make accurate estimates based on data from the National Health Interview Survey. The primary weight to be used with this data is the Final Annual Basic Weight (location 219-227).

Because the income data was collected only for the calendar month prior to the date of interview, adjustments will have to be made by the analyst to obtain annual data; note that data on the number of months worked in the previous year is included. Both personal and family income totals for the month have been calculated and are in locations 417-424 and 425-432, respectively.

5. Cross-reference listing for fields and associated flags.

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FR-1

NATIONAL HEALTH INTERVIEW SURVEY  
1990 FAMILY RESOURCES PUBLIC USE DATA TAPE  
Outline of Items and Codes  
Number of Records = 119,631

Tape Locations	Item No.	Frequency	Items and Codes
1-2			RECORD TYPE
		119,631	75. Family Resources Record
3-4	-		PROCESSING YEAR
		119,631	90. 1990
5			PROCESSING QUARTER
		27,366	1. Quarter 1
		31,075	2. Quarter 2
		30,756	3. Quarter 3
		30,434	4. Quarter 4
6-8	HH-5		RANDOM RECODE OF PSU NUMBER
9-10	HH-5		WEEK - CENSUS CODE*
			01, 21, 41, 61, 81 ... Week 01
			02, 22, 42, 62, 82 ... Week 02
			03, 23, 43, 63, 83 ... Week 03
			04, 24, 44, 64, 84 ... Week 04
			05, 25, 45, 65, 85 ... Week 05
			06, 26, 46, 66, 86 ... Week 06
			07, 27, 47, 67, 87 ... Week 07
			08, 28, 48, 68, 88 ... Week 08
			09, 29, 49, 69, 89 ... Week 09
			10, 30, 50, 70, 90 ... Week 10
			11, 31, 51, 71, 91 ... Week 11
			12, 32, 52, 72, 92 ... Week 12
			13, 33, 53, 73, 93 ... Week 13

\*This code represents the initial week of assignment. The interview may be re-assigned for administrative purposes. See Locations 19-20 for the code which reflects the actual week assigned for conducting the interview.

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FR-2

NATIONAL HEALTH INTERVIEW SURVEY

1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
11-12	HH-5		SEGMENT NUMBER

Week plus Segment Number identifies the segment

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13-14	HH-5	HOUSEHOLD NUMBER
		Numbered within PSU-Week-Segment

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15-16	-	PERSON NUMBER
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17-18	-	BLANK (Record Serial Number on other record types).
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19-20	HH-5	PROCESSING WEEK CODE (Numbered within Quarter)
		7,222      Week 01.
		9,553      Week 02.
		9,412      Week 03.
		9,343      Week 04.
		9,399      Week 05.
		9,384      Week 06.
		9,440      Week 07.
		9,064      Week 08.
		9,129      Week 09.
		9,429      Week 10.
		9,247      Week 11.
		9,398      Week 12.
		9,611      Week 13.

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21	Recode	LATE INTERVIEW (OR LAST ATTEMPT) FLAG
		79,131      0. Interview not late
		32,411      1. One week late
		6,138      2. Two weeks late
		1,951      3. Unknown

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NATIONAL HEALTH INTERVIEW SURVEY  
 1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

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Tape Locations	Item No.	Frequency	Items and Codes
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22-23	HH-10d		TYPE OF LIVING QUARTERS:
			Housing Unit = (00-07)
		1,097	00. Housing unit; kind unknown
		111,647	01. House, apartment, flat
		54	02. HU in nontransient hotel, motel, etc.

32	03.	HU-permanent in transient hotel, motel, etc.
35	04.	HU in rooming house
5,235	05.	Mobile home or trailer with no permanent room added
839	06.	Mobile home or trailer with one or more permanent rooms added
50	07.	HU not specified above
		Other Unit = (08-13)
48	08.	Quarters not HU in rooming or boarding house
0	09.	Unit not permanent in transient hotel, motel, etc.
15	10.	Unoccupied site for mobile home, trailer, or tent
457	11.	Student quarters in college dormitory
115	12.	Other unit not specified above
7	13.	Other unit; kind unknown

24	HH-11		HAS TELEPHONE
		108,125	1. Yes, phone number given
		3,495	2. Yes, no phone number given
		7,446	3. No
		565	4. Unknown

25	A-1		SEX
		57,134	1. Male
		62,497	2. Female

26	-		BLANK
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NATIONAL HEALTH INTERVIEW SURVEY  
1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
27-28	Person Column		AGE
		1,941	00. Under 1 year
		117,674	01-98. Number of years
		16	99. 99+ years of age
29	Recode		AGE RECODE #1
		9,746	1. Under 5 years

23,497	2. 5-17 years
11,230	3. 18-24 years
38,015	4. 25-44 years
22,565	5. 45-64 years
4,885	6. 65-69 years
3,884	7. 70-74 years
5,809	8. 75 years and over

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30	Recode		AGE RECODE #2
		11,685	1. Under 6 years
		19,793	2. 6-16 years
		12,995	3. 17-24 years
		20,020	4. 25-34 years
		17,995	5. 35-44 years
		12,266	6. 45-54 years
		10,299	7. 55-64 years
		8,769	8. 65-74 years
		5,809	9. 75 years and over

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31-32	Recode		AGE RECODE #3
		5,869	00-35. Months
		113,762	36. Over 3 years

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33	-		BLANK
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NATIONAL HEALTH INTERVIEW SURVEY  
1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

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Tape Locations	Item No.	Frequency	Items and Codes
34-39	A-3		MONTH AND YEAR OF BIRTH
34-35			MONTH
			01. January      07. July
			02. February    08. August
			03. March       09. September
			04. April        10. October
			05. May          11. November
			06. June         12. December
			99. DK or refused
36-39			YEAR OF BIRTH
			1800-1899. 1800-1899
			1900-1991. 1900-1991
			9999. DK or refused

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40-41

BLANK

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42	L-3		MAIN RACIAL BACKGROUND - Reported (See notation for locations 43-45)
		959	1. Aleut, Eskimo, or American Indian
		2,815	2. Asian/Pacific Islander
		17,967	3. Black
		94,935	4. White
		1,745	5. Other
		131	6. Multiple race
		1,079	7. Unknown

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## NATIONAL HEALTH INTERVIEW SURVEY

## 1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

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Tape Locations	Item No.	Frequency	Items and Codes
43-45	Recode		RACE RECODES
43			RECODE 1
		97,732	1. White
		18,036	2. Black
		3,863	3. Other
44			RECODE 2
		97,732	1. White
		21,899	2. Non-white
45			RECODE 3
		18,036	1. Black
		101,595	2. Non-black

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46-47

L-4

HISPANIC ORIGIN

187	00. Multiple Hispanic
1,274	01. Puerto Rican
541	02. Cuban
2,470	03. Mexican-Mexicano
3,810	04. Mexican-American
106	05. Chicano
1,242	06. Other Latin American
1,265	07. Other Spanish
206	08. Spanish, DK type
1,261	09. Unknown if Spanish origin
107,269	10. Not Spanish origin

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48

L-7

## MARITAL STATUS

26,393	0. Under 14 years
54,462	1. Married - spouse in household
823	2. Married - spouse not in household
6,456	3. Widowed
6,386	4. Divorced
1,945	5. Separated
22,393	6. Never married
773	7. Unknown

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## NATIONAL HEALTH INTERVIEW SURVEY

## 1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
49	L-1		VETERAN STATUS
		71,664	1. Non-veteran
		35	2. WW I
		3,870	3. WW II
		2,070	4. Korean War
		3,807	5. Vietnam veteran
		1,118	6. Post-Vietnam
		2,054	7. Other service
		331	8. Served in Armed Forces, unknown if war veteran
		1,439	9. Unknown if served in Armed Forces
		33,243	Blank. Under 18 years of age
50	L-1		ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES
		71,664	0. Non-veteran
		932	1. All service in Guard/Reserve
		1,944	2. Some service in Guard/Reserve
		50	3. Unknown if all service in Guard/Reserve
		9,553	4. No active service in Guard/Reserve
		2,245	5. Unknown if ever active member in Guard/Reserve or served in Armed Forces
		33,243	Blank. Under 18 years of age
51-52	L-2		EDUCATION OF INDIVIDUAL - COMPLETED YEARS
		4,594	00. Never attended; kindergarten only
		70,633	01-12. Grades 1-12
			College:
		6,238	13. 1 year
		7,744	14. 2 years



3,010	15.	3 years
9,325	16.	4 years
1,882	17.	5 years
4,953	18.	6 years or more
1,506	19.	Unknown
9,746	Blank.	Under 5 years of age

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NATIONAL HEALTH INTERVIEW SURVEY

1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
53	Recode		EDUCATION OF INDIVIDUAL RECODE
		4,594	0. None; kindergarten only
		22,508	1. 1-8 years (elementary)
		14,746	2. 9-11 years (high school)
		33,379	3. 12 years (high school graduate)
		16,992	4. 1-3 years (college)
		9,325	5. 4 years (college graduate)
		6,835	6. 5+ years (post-college)
		1,506	7. Unknown
		9,746	Blank. Under 5 years of age
54-55	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER - (Detail)
		249	00. Never attended; kindergarten only
		60,245	01-12. Grades 1-12
			College:
		8,980	13. 1 year
		12,918	14. 2 years
		5,053	15. 3 years
		16,460	16. 4 years
		3,671	17. 5 years
		11,260	18. 6 years or more
		795	19. Unknown
56	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER - Recode
		249	0. None; kindergarten only
		6,322	1. 1-8 years (elementary)
		10,295	2. 9-11 years (high school)
		43,628	3. 12 years (high school graduate)
		26,951	4. 1-3 years (college)
		16,460	5. 4 years (college graduate)
		14,931	6. 5+ years (post-college)
		795	7. Unknown

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NATIONAL HEALTH INTERVIEW SURVEY  
1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
57	L-8		FAMILY INCOME \$20,000 OR MORE
		39,527	1. Less than \$20,000
		76,620	2. \$20,000 or more
		3,484	3. Unknown
58-59	L-8		FAMILY INCOME
		596	00. Less than \$1,000
		722	01. \$ 1,000 - \$ 1,999
		833	02. 2,000 - 2,999
		984	03. 3,000 - 3,999
		1,425	04. 4,000 - 4,999
		1,441	05. 5,000 - 5,999
		1,635	06. 6,000 - 6,999
		1,578	07. 7,000 - 7,999
		1,577	08. 8,000 - 8,999
		1,666	09. 9,000 - 9,999
		2,342	10. 10,000 - 10,999
		1,511	11. 11,000 - 11,999
		2,490	12. 12,000 - 12,999
		1,539	13. 13,000 - 13,999
		1,529	14. 14,000 - 14,999
		2,099	15. 15,000 - 15,999
		1,709	16. 16,000 - 16,999
		1,676	17. 17,000 - 17,999
		2,174	18. 18,000 - 18,999
		2,642	19. 19,000 - 19,999
		9,036	20. 20,000 - 24,999
		8,375	21. 25,000 - 29,999
		8,321	22. 30,000 - 34,999
		6,842	23. 35,000 - 39,999
		6,506	24. 40,000 - 44,999
		5,539	25. 45,000 - 49,999
		22,872	26. \$50,000 and over
		19,972	27. Unknown

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NATIONAL HEALTH INTERVIEW SURVEY  
1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

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Tape

Locations	Item No.	Frequency	Items and Codes
60	Recode		FAMILY INCOME RECODE
		4,560	0. Under \$5,000
		3,076	1. \$ 5,000 - \$ 6,999
		4,821	2. 7,000 - 9,999
		9,411	3. 10,000 - 14,999
		10,300	4. 15,000 - 19,999
		9,036	5. 20,000 - 24,999
		16,696	6. 25,000 - 34,999
		18,887	7. 35,000 - 49,999
		22,872	8. \$50,000 or more
		19,972	9. Unknown
61	Generated		NHIS POVERTY INDEX*
		95,234	1. At or above poverty threshold
		13,466	2. Below poverty threshold
		10,931	3. Unknown
62-63			FAMILY RELATIONSHIP
62	A-2		TYPE OF FAMILY
		12,193	&. Primary individual
		1,317	-. Secondary individual
		105,952	0. Primary family
		169	1-9. Secondary family
63	A-2		RELATIONSHIP TO REFERENCE PERSON
		11,607	&. Reference person, living alone
		35,532	0. Reference person, 2+ persons in household
		26,567	1. Spouse, other spouse NOT in Armed Forces and living at home
		303	2. Spouse, other spouse IN Armed Forces and living at home
		39,535	3. Child of reference person or spouse
		2,165	4. Grandchild of reference person or spouse
		1,071	5. Parent of reference person or
spouse		2,835	6. Other relative
person		16	7. Child of ineligible reference
		0	9. DK or refused

\*Based on family size, number of children under 18 years of age & family income using the 1989 poverty levels derived from the August, 1990 Current Population Survey.

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FR-11

NATIONAL HEALTH INTERVIEW SURVEY

1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
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64	Recode		FAMILY RELATIONSHIP RECODE
		11,607	1. Living alone
		1,903	2. Living only with non-relative
		54,430	3. Living with spouse
		51,691	4. Living with relative - other
65-66	Generated		SIZE OF FAMILY*
			Unrelated individuals are coded 01
67	Generated		SIZE OF FAMILY RECODE
			1-8. Number of members
			9. 9+ members
68	A-2		PARENT/OTHER ADULT RELATIVE (under 25 years old and never married)
		25,447	1. Both parents, no other relative
		6,622	2. Mother only
		424	3. Father only
		2,859	4. Both parents and other 21+ year old adult relative
		2,283	5. Mother and other 21+ year old adult relative
		158	6. Father and other 21+ year old adult relative
		472	7. No parent, but one 21+ year old adult relative
		687	8. No parent, but two or more 21+ year old adult relatives
		391	9. Unknown
		1,855	0. Other
		78,433	Blank. Not applicable (25+ years old or ever married)

\*Count includes spouse in military but living at home.

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NATIONAL HEALTH INTERVIEW SURVEY

1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
69	B-1 B-8		MAJOR ACTIVITY (18+ years old)
		53,115	1. Working
		16,110	2. Keeping house
		4,838	3. Going to school

11,664	4. Something else
661	5. Unknown
33,243	Blank. Not applicable (Under 18 years)

70	G-4		HEALTH STATUS
		46,584	1. Excellent
		33,648	2. Very Good
		27,114	3. Good
		8,460	4. Fair
		3,197	5. Poor
		628	6. Unknown

71	Recode		ACTIVITY LIMITATION STATUS - (all ages)
		5,012	1. Unable to perform major activity
		6,327	2. Limited in kind/amount major activity
		5,268	3. Limited in other activities
		103,024	4. Not limited (includes unknowns)

72	Recode		ACTIVITY LIMITATION STATUS MEASURED BY "ABILITY TO WORK" (18-69 years)
		4,807	1. Unable to work
		3,493	2. Limited in kind/amount of work
		2,899	3. Limited in other activities
		65,496	4. Not limited (includes unknowns)
		42,936	Blank. Not applicable (under 18 years, 70+ years)

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NATIONAL HEALTH INTERVIEW SURVEY

1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
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73	B-11		LIMITATION OF SCHOOL ACTIVITIES (5-17 years)
		102	1. Unable to attend school
		649	2. Attends special school/classes
		79	3. Needs special school/classes
		243	4. Limited in school attendance
		394	5. Limited in other activities
		22,030	6. Not limited (includes unknowns)
		96,134	Blank. Not applicable (under 5 years or 18+ years)

74	B-14		NEEDS HELP WITH PERSONAL CARE (5-59 years)
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old and limited, or age 60-69 years)\*

646	1. Unable to perform personal care needs
1,361	2. Limited in performing other routine needs
16,754	3. Not limited in performing personal or routine needs
548	4. Unknown
100,322	Blank. Not applicable (under 5 years; 5-59 years not limited; 70+ years old)

\*For persons 70+ years, codes 1 and 2 in loc. 71 correspond to codes 1 and 2 in loc. 74.

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NATIONAL HEALTH INTERVIEW SURVEY

1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
75	D-1		EMPLOYMENT STATUS IN PAST 2 WEEKS (18+ years)
			In the Labor Force: (1-7)
			Currently employed: (1-3)
		54,319	1. Worked in past 2 weeks
		1,140	2. Did not work, has job; not on lay-off and not looking for work
		35	3. Did not work, has job; looking for work
			Unemployed: (4-7)
		140	4. Did not work, has job; on lay-off
		11	5. Did not work, has job; on lay-off and looking for work
		529	6. Did not work, has job; unknown if looking or on lay-off
		1,988	7. Did not work, has no job; looking for work or on lay-off
			Not in Labor Force (18+ years): (8)
		28,226	8. Not in Labor Force (18+ years)
		33,243	Blank. Not applicable (Under 18 years

old)

Tape Locations	Item No.	Frequency	Items and Codes
76	L-6		CLASS OF WORKER
		28,226	0. Not in labor force
		41,285	1. Private company

1,744	2. Federal Government employee
2,239	3. State Government employee
4,741	4. Local Government employee
1,489	5. Incorporated business
5,119	6. Self-employed
132	7. Without pay
75	8. Never worked
1,338	9. Unknown
33,243	Blank. Under 18

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NATIONAL HEALTH INTERVIEW SURVEY  
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Tape Locations	Item No.	Frequency	Items and Codes
77-79	L-6		INDUSTRY DETAIL CODE
		58,162	010-996. Code number
		61,469	Blank. Not applicable
80-81	Recode		INDUSTRY RECODE 1
			SEE APPENDIX B
82-83	Recode		INDUSTRY RECODE 2
			SEE APPENDIX B
84-86	L-6		OCCUPATION DETAIL CODE
		58,162	003-999. Code number
		61,469	Blank. Not applicable
87-88	Recode		OCCUPATION RECODE 1
			SEE APPENDIX C
89-90	Recode		OCCUPATION RECODE 2
			SEE APPENDIX C
91	L-R		RESPONDENT FOR CORE
		31,478	0. Under 17
		54,024	1. Self-entirely
		5,319	2. Self-partly
		27,645	3. Proxy
		1,165	4. Unknown

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NATIONAL HEALTH INTERVIEW SURVEY  
1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
92	Recode		CONDITION LIST ASSIGNED AND ASKED
		19,896	1. Condition List 1, Skin and musculoskeletal
		19,775	2. Condition List 2, Impairments
		19,869	3. Condition List 3, Digestive
		19,894	4. Condition List 4, Miscellaneous
		19,910	5. Condition List 5, Circulatory
		19,709	6. Condition List 6, Respiratory
		578	7. Unknown
93-94	G-5		HEIGHT WITHOUT SHOES (18+ years)
		85,677	36-98. Number of inches
		711	99. Unknown
		33,243	Blank. Under 18 years of age
95-97	G-5		WEIGHT WITHOUT SHOES (18+ years)
		84,820	050-500. Number of pounds
		1,568	501. Unknown
		33,243	Blank. Under 18 years of age
98-99	Recode		TOTAL RESTRICTED ACTIVITY DAYS IN PAST TWO WEEKS
		107,380	00. None
		12,251	01-14. Days
100-101	D-4		BED DAYS IN PAST TWO WEEKS
		112,538	00. None
		7,093	01-14. Days
102-103	D-2		WORK-LOSS DAYS IN PAST TWO WEEKS (control on Currently Employed, 75:1-3)
		116,473	00. None
		3,158	01-14. Days



Tape Locations	Item No.	Frequency	Items and Codes
104-105	D-3	117,710 1,921	SCHOOL-LOSS DAYS IN PAST TWO WEEKS 00. None 01-14. Days
106-107	D-6	113,904 5,727	OTHER DAYS OF RESTRICTED ACTIVITY IN PAST TWO WEEKS 00. None 01-14. Days
108-110	G-2	66,227 52,366 1,038	BED DAYS IN PAST 12 MONTHS 000. None 001-365. 1-365 days 366. Unknown
111	Recode	66,227 40,273 8,983 2,462 648 1,038	BED DAYS IN PAST 12 MONTHS - Recode 0. None 1. 1-7 days 2. 8-30 days 3. 31-180 days 4. 181-365 days 5. Unknown
112-114	G-3	28,264 90,928 1 438	DOCTOR VISITS IN PAST 12 MONTHS 000. None 001-996. Visits 997. 997+ visits 998. Unknown

1

FR-18

## NATIONAL HEALTH INTERVIEW SURVEY

## 1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
115	G-3	234 91,951 11,770 9,691 4,027 1,958	INTERVAL SINCE LAST DOCTOR VISIT 0. Never 1. Less than 1 year 2. 1 to less than 2 years 3. 2 to less than 5 years 4. 5 years or more 5. Unknown
116-117	Generated		NUMBER OF CONDITIONS

118-119	Generated	NUMBER OF ACUTE INCIDENCE CONDITIONS
120-121	Generated	NUMBER OF TWO-WEEK DOCTOR VISITS
122-123	Generated	NUMBER OF SHORT-STAY HOSPITAL EPISODES IN PAST 12 MONTHS
124-126	Generated	SHORT-STAY HOSPITAL EPISODE DAYS IN PAST 12 MONTHS

1

FR-19

NATIONAL HEALTH INTERVIEW SURVEY

1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
127-128	Generated		NUMBER OF SHORT-STAY HOSPITAL EPISODES IN PAST 12 MONTHS EXCLUDING DELIVERY*
129-131	Generated		SHORT-STAY HOSPITAL EPISODE DAYS IN PAST 12 MONTHS EXCLUDING DELIVERY*
132-133	Generated		NUMBER OF SHORT-STAY HOSPITAL DISCHARGES IN PAST 6 MONTHS
134-136	Generated		NUMBER OF DAYS IN SHORT-STAY HOSPITAL IN PAST 12 MONTHS FOR DISCHARGES IN PAST 6 MONTHS
137-138	Generated		NUMBER OF SHORT-STAY HOSPITAL DISCHARGES IN PAST 6 MONTHS EXCLUDING DELIVERY*
139-141	Generated		NUMBER OF DAYS IN SHORT-STAY HOSPITAL IN PAST 12 MONTHS FOR DISCHARGES IN PAST 6 MONTHS EXCLUDING DELIVERY*
142-143	-		BLANK
144	L-9b		YEARS LIVED IN STATE OF PRESENT RESIDENCE
		1,149	1. Less than 1 year
		3,654	2. 1 yr., less than 5 years.
		3,043	3. 5 yrs., less than 10 yrs

3,156	4. 10 yrs., less than 15 yrs.
63,608	5. 15 years or more
2,927	9. Unknown
42,094	Blank. Not applicable (Foreign born or less than 18 years of age)

\*Based on operation codes and reason entered hospital.

1

FR-20

NATIONAL HEALTH INTERVIEW SURVEY

1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
145	L-9c		YEARS LIVED IN UNITED STATES
		326	1. Less than 1 year
		1,203	2. 1 yr., less than 5 years.
		1,436	3. 5 yrs., less than 10 yrs
		1,226	4. 10 yrs., less than 15 yrs.
		4,366	5. 15 years or more
		294	9. Unknown
		110,780	Blank. Not applicable (U.S. born or less than 18 years of age)
146-171	-		BLANK
172-177			QUARTER BASIC WEIGHT BEFORE AGE-SEX-RACE ADJUSTMENT (Has one implied decimal)
178	Master Record		TYPE OF SUBSTRATUM
		15,234	0. Permit
		12,081	1. Area, oversampled for blacks
		92,316	2. Area, not oversampled for blacks
179-181	-		FULL SAMPLE STRATUM IDENTIFIER
182	Master Record		REGION
		24,155	1. Northeast
		29,961	2. Midwest
		40,114	3. South
		25,401	4. West

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FR-21

NATIONAL HEALTH INTERVIEW SURVEY

1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
183	Master Record		GEOGRAPHIC DISTRIBUTION
			MSA Size
		51,577	1. 1,000,000 or more
		31,364	2. 250,000 - 999,999
		7,492	3. 100,000 - 249,999
		1,831	4. Under 100,000
		27,367	Blank. Non-MSA
184			BLANK
185	Master Record		TYPE OF PSU
		65,659	1. MSA - Self-representing
		26,605	3. MSA - Nonself-representing
		2	4. Non-MSA - Self-representing
		27,365	6. Non-MSA - Nonself-representing
186	Recode		MSA - NON-MSA RESIDENCE
		38,371	1. MSA - Central City
		53,893	2. MSA - Not Central City
		25,873	3. Non-MSA - Nonfarm
		1,494	4. Non-MSA - Farm
187-189			PSEUDO PSU CODES
190-200			CHRONIC CONDITION PREVALENCE AND INCIDENCE FACTOR (XX.XXXXXXXXXX) - character format with implied decimal
1			FR-22

NATIONAL HEALTH INTERVIEW SURVEY

1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
			FINAL BASIC WEIGHT
201-209			QUARTER
210-218			SEMI-ANNUAL (WT/2)

219-227	ANNUAL (WT/4)
	6.5 WEIGHT
228-236	QUARTER, SEMI-ANNUAL, AND ANNUAL
	ESTIMATED RESTRICTED ACTIVITY DAYS IN PAST 2 WEEKS
237-245	QUARTER, SEMI-ANNUAL AND ANNUAL
	ESTIMATED BED DAYS IN PAST 2 WEEKS
246-254	QUARTER, SEMI-ANNUAL AND ANNUAL
	ESTIMATED WORK-LOSS DAYS IN PAST 2 WEEKS
255-263	QUARTER, SEMI-ANNUAL AND ANNUAL
	ESTIMATED SCHOOL-LOSS DAYS IN PAST 2 WEEKS
264-272	QUARTER, SEMI-ANNUAL AND ANNUAL
	ESTIMATED DOCTOR VISITS IN PAST 12 MONTHS
273-281	QUARTER
282-290	SEMI-ANNUAL
291-299	ANNUAL
1	FR-23

NATIONAL HEALTH INTERVIEW SURVEY  
1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
			ESTIMATED SHORT-STAY HOSPITAL EPISODE DAYS IN PAST 12 MONTHS
300-308			QUARTER
309-317			SEMI-ANNUAL
318-326			ANNUAL

1

FR-24

NATIONAL HEALTH INTERVIEW SURVEY  
1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
336	1a		MEDICARE COVERAGE LAST MONTH
		15,452	1. Yes
		104,179	2. No
337	2a		MEDICAID COVERAGE LAST MONTH
		9,357	1. Yes
		110,274	2. No
338	3a		CHAMPUS MILITARY HEALTH PLAN COVERAGE LAST MONTH
		3,536	1. Yes
		116,095	2. No
339	4a		PRIVATE HEALTH INSURANCE COVERAGE LAST MONTH
		88,039	1. Yes
		31,592	2. No
340	4d		PRIVATE HEALTH INSURANCE OBTAINED THROUGH EMPLOYER OR UNION?
		74,742	1. Yes
		13,297	2. No
		31,592	Blank. NA (No private health insurance)
341	5a		HAVE A JOB OR BUSINESS (Last Month)
		26,393	0. Under 14
		56,401	1. Yes
		36,837	2. No
342	5b		USUALLY WORK 35 OR MORE HOURS PER WEEK LAST MONTH
		46,577	1. Yes
		9,824	2. No
		63,230	Blank. NA (Under age 14, no job or business)

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FR-25

NATIONAL HEALTH INTERVIEW SURVEY  
1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
343	6		HAVE EMPLOYER OR SELF-EMPLOYED LAST MONTH
		48,990	1. Worked for employer only
		6,826	2. Self-employed only
		585	3. Both
		63,230	Blank. NA (Under age 14, no job or business)
344-350	7a		DOLLARS RECEIVED FROM JOBS LAST MONTH
		49,575	0000001-0100000. Dollars received
		70,056	Blank. NA (Under age 14, no job or business, self-employed only)
351-352	7b		NUMBER OF MONTHS HAD JOB IN PAST YEAR
		49,575	01-12. 1 to 12 months
		70,056	Blank. NA (Under age 14, no job or business, self-employed only)
353-360	8a		NET INCOME FROM SELF-EMPLOYMENT LAST MONTH
		151	-0001000 to -0000001. Loss
		7,260	+0000001 to +0100000. Dollars received
		112,220	Blank. NA (Under age 14, no job or business, not self employed)
361-362	8b		NUMBER OF MONTHS SELF-EMPLOYED IN PAST YEAR
		7,411	01-12. 1-12 months
		112,220	Blank. NA (Under age 14, no job or business, not self employed)
363	9a		SOCIAL SECURITY/RAILROAD RETIREMENT RECEIVED LAST MONTH?
		17,313	1. Yes
		102,318	2. No

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FR-26

Tape Locations	Item No.	Frequency	Items and Codes
364-367	9d		AMOUNT RECEIVED FROM SS/RR LAST MONTH
		17,313	0001-2500. Dollars received from SS/RR
		102,318	Blank. NA (SS/RR not received)
368	9e		IS SS/RR OWN DISABILITY PAYMENT?*
		2,983	1. Yes
		14,330	2. No
		102,318	Blank. NA (SS/RR not received)
369	10a		SUPPLEMENTAL SECURITY INCOME (SSI) RECEIVED?
		1,951	1. Yes
		117,680	2. No
370-373	10d		AMOUNT RECEIVED FROM SSI LAST MONTH
		1,951	0001-1200. Dollars received from SSI
		117,680	Blank. NA (SSI/RR not received)
374	11a		ANY (OTHER) DISABILITY PENSION RECEIVED LAST MONTH?
		1,256	1. Yes
		118,375	2. No
375-378	11d		AMOUNT RECEIVED FROM DISABILITY LAST MONTH
		1,256	0001-7500. Dollars received from Disability
		118,375	Blank. NA (Other disability not received)
379	12a		RETIREMENT/SURVIVOR PENSION RECEIVED LAST MONTH?
		6,503	1. Yes
		113,128	2. No

\*When using this field, limit its use to persons under 65 years of age (loc. 27-28 = 00 - 64). Data entries for persons 65+ are not valid.

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FR-27

NATIONAL HEALTH INTERVIEW SURVEY

1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
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380-385	12d		AMOUNT RECEIVED FROM PENSION LAST MONTH
		6,503	000001-010000. Dollars received from Pension
		113,128	Blank. NA (Pension not received)
386	13a		PUBLIC ASSISTANCE/WELFARE RECEIVED LAST MONTH?
		5,431	1. Yes
		114,200	2. No
387	13d		TYPE OF WELFARE RECEIVED LAST MONTH
		4,733	1. AFDC
		655	2. Other
		43	3. Both
		114,200	Blank. NA (welfare not received)
388-391	13e		AMOUNT RECEIVED FROM WELFARE LAST MONTH
		5,431	0001-1200. Dollars received from welfare
		114,200	Blank. NA (welfare not received)
<p>Only family reference persons and individuals with FAMIND = 1 (loc 416) have Food Stamp data, i.e. Items 14a and 14d.</p>			
392	14a		ANYONE IN FAMILY RECEIVE FOOD STAMPS LAST MONTH?
		3,132	1. Yes
		44,322	2. No
		72,177	Blank. NA (not reference person*)
393-396	14d		TOTAL VALUE OF FOOD STAMP ALLOTMENT LAST MONTH
		3,132	0001-1200. Dollar value of food stamps
		116,499	Blank. NA (no food stamps received, not reference person)

\*4 additional records are blank because the "reference" person is a child and no data is entered.

1

FR-28

NATIONAL HEALTH INTERVIEW SURVEY

1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
397	15a	46,787	INTEREST RECEIVED LAST MONTH? 1. Yes

		72,844	2. No
398-402	15d		AMOUNT RECEIVED FROM INTEREST LAST MONTH
		46,787	00001-20000. Dollars received from
Interest		72,844	Blank. NA (no interest received)
403	16a		DIVIDEND INCOME RECEIVED LAST MONTH?
		9,717	1. Yes
		109,914	2. No
404-409	16d		AMOUNT RECEIVED FROM DIVIDENDS LAST MONTH
		390	-01000 to -00001. Dollars loss from Dividends
		9,327	+00001 to +20000. Dollars received from Dividends
		109,914	Blank. NA (Dividends not received)
410	17a		INCOME RECEIVED FROM ANY OTHER INCOME SOURCE(S) LAST MONTH?
		4,012	1. Yes
		115,619	2. No
411-415	17d		AMOUNT RECEIVED FROM OTHER INCOME SOURCES LAST MONTH
		4,012	00001-10000. Dollars received from other source(s)
		115,619	Blank. NA (no other income sources mentioned)

1 FR-29

NATIONAL HEALTH INTERVIEW SURVEY  
1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
416			FAMIND
		47,458	1. This person record contains the family food stamp data*
		72,173	0. No food stamp data
417-424			TOTAL EDITED PERSON INCOME LAST MONTH SUM OF 10 EDITED AMOUNTS: 7a, 8a, 9d, 10d, 11d, 12d, 13e, 15d, 16d, and 17d.
		166	-0001223 to -0000001 Dollars.

	30,880	+0000000 Dollars
	88,585	+0000001 to +0125000 Dollars
425-432		TOTAL EDITED FAMILY INCOME LAST MONTH SUM OF TOTAL EDITED PERSON INCOME OF ALL PERSONS IN THAT FAMILY
	122	-0001997 to -0000001 Dollars
	1,632	+0000000 Dollars
	117,877	+0000001 to +0200336 Dollars

Tape locations 433 thru 465 are 34 flag fields; each flag occupies 1 position and indicates whether a particular matrix was used to allocate a missing item/items for a person. All of these flag fields contain either a value of 0 (matrix not used) or a value of 1 (matrix used).

433 MATRIX 1 ALLOCATION OF ALL INCOME  
SUPPLEMENT ITEMS FOR PERSONS 14 YEARS OF  
AGE AND OVER\*\*

115,968	0. Matrix not used
3,663	1. Matrix used

434 MATRIX 2 ALLOCATION OF ALL INCOME  
SUPPLEMENT ITEMS FOR PERSONS, 0 TO 13  
YEARS OF AGE\*\*

116,762	0. Matrix not used
2,869	1. Matrix used

\*4 of these records are blank because the "famind" or "reference" person is a child

\*\*If this field is flagged "1", then other field flags are "0"

1 FR-30

NATIONAL HEALTH INTERVIEW SURVEY  
1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
435			MATRIX 3 ALLOCATION OF SOCIAL SECURITY/RR (Item 9a, and if applicable, 9d and 9e)
		118,684	0. Matrix not used
		947	1. Matrix used
436			MATRIX 3a ALLOCATION OF SOCIAL SECURITY/RR INCOME AND DISABILITY STATUS (Items 9d and 9e)
		117,784	0. Matrix not used
		1,847	1. Matrix used
437			MATRIX 4 ALLOCATION OF SUPPLEMENTAL

			SECURITY INCOME (Item 10a and if applicable, 10d)
		118,539	0. Matrix not used
		1,092	1. Matrix used
438			MATRIX 4a ALLOCATION OF SUPPLEMENTAL SECURITY INCOME DOLLAR AMOUNT (Item 10d)
		119,388	0. Matrix not used
		243	1. Matrix used
439			MATRIX 5 ALLOCATION OF PUBLIC ASSISTANCE OR WELFARE (Item 13a and if applicable Item 13e)
		118,930	0. Matrix not used
		701	1. Matrix used
440			MATRIX 5a ALLOCATION OF PUBLIC ASSISTANCE/ WELFARE DOLLAR AMOUNT (Item 13e)
		118,818	0. Matrix not used
		813	1. Matrix used
441			MATRIX 6 ALLOCATION OF TYPE OF WELFARE RECEIVED (Item 13d)
		118,967	0. Matrix not used
		664	1. Matrix used
1			FR-31

NATIONAL HEALTH INTERVIEW SURVEY  
1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
442		118,605 1,026	MATRIX 7 ALLOCATION OF MEDICARE (Item 1a) 0. Matrix not used 1. Matrix used
443		118,669 962	MATRIX 8 ALLOCATION OF MEDICAID (Item 2a) 0. Matrix not used 1. Matrix used
444		118,607 1,024	MATRIX 9 ALLOCATION OF CHAMPUS AND OTHER MILITARY HEALTH CARE (Item 3a) 0. Matrix not used 1. Matrix used
445		118,906 725	MATRIX 10 ALLOCATION OF PRIVATE HEALTH INSURANCE (Item 4a and if applicable 4d) 0. Matrix not used 1. Matrix used

446			MATRIX 10a ALLOCATION OF EMPLOYER OR UNION PROVIDED HEALTH INSURANCE (Item 4d)
		117,969	0. Matrix not used
		1,662	1. Matrix used
447			MATRIX 11 ALLOCATION OF JOB STATUS
		118,201	0. Matrix not used
		1,430	1. Matrix used
448			MATRIX 12 ALLOCATION OF CLASS OF WORKER (Item 6)
		118,686	0. Matrix not used
		945	1. Matrix used
449			MATRIX 13 ALLOCATION OF MONTHS WORKED (Item 7b and/or Item 8b)
		115,406	0. Matrix not used
		4,225	1. Matrix used
1			FR-32

NATIONAL HEALTH INTERVIEW SURVEY  
1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
450			MATRIX 14 ALLOCATION OF USUAL HOURS WORKED (Item 5b)
		116,503	0. Matrix not used
		3,128	1. Matrix used
451			MATRIX 15 ALLOCATION OF EARNINGS OF EMPLOYER ONLY WORKER (Item 7a)
		107,202	0. Matrix not used
		12,429	1. Matrix used
452			MATRIX 16 ALLOCATION OF EARNINGS OF SELF-EMPLOYED ONLY WORKER (Item 8a)
		116,574	0. Matrix not used
		3,057	1. Matrix used
453			MATRIX 17 ALLOCATION OF EARNINGS OF WORKERS - BOTH SELF-EMPLOYED AND EMPLOYER JOBS (Items 7a and 8a)
		119,357	0. Matrix not used
		274	1. Matrix used
454			MATRIX 18 ALLOCATION OF OTHER DISABILITY PENSIONS (Item 11a and if applicable Item 11d)
		118,971	0. Matrix not used
		660	1. Matrix used

455 MATRIX 18a ALLOCATION OF OTHER DISABILITY PENSIONS DOLLAR AMOUNT (Item 11d)

119,445 0. Matrix not used  
186 1. Matrix used

456 MATRIX 19 ALLOCATION OF OTHER RETIREMENT OR SURVIVOR PENSION (Item 12a and if applicable, Item 12d)

118,724 0. Matrix not used  
907 1. Matrix used

1 FR-33

NATIONAL HEALTH INTERVIEW SURVEY

1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
457			MATRIX 19a ALLOCATION OF OTHER RETIREMENT OR SURVIVOR PENSIONS DOLLARS AMOUNT (Item 12d)
		118,457 1,174	0. Matrix not used 1. Matrix used
458			MATRIX 20 ALLOCATION OF FOOD STAMPS (Item 14a and if applicable, Item 14d)
		119,364 267	0. Matrix not used 1. Matrix used
459			MATRIX 20a ALLOCATION OF FOOD STAMPS DOLLARS AMOUNT (Item 14d)
		119,449 182	0. Matrix not used 1. Matrix used
460			MATRIX 21 ALLOCATION OF INTEREST INCOME (Item 15a and if applicable, Item 15d)
		115,656 3,975	0. Matrix not used 1. Matrix used
461			MATRIX 21a ALLOCATION OF INTEREST INCOME DOLLAR AMOUNT (Item 15d)
		95,351 24,280	0. Matrix not used 1. Matrix used
462			MATRIX 22 ALLOCATION OF DIVIDEND INCOME (Item 16a and if applicable, Item 16d)
		115,498	0. Matrix not used

4,133 1. Matrix used

463 MATRIX 22a ALLOCATION OF DIVIDEND INCOME  
DOLLAR AMOUNT (Item 16d)

115,003 0. Matrix not used  
4,628 1. Matrix used

1 FR-34

NATIONAL HEALTH INTERVIEW SURVEY  
1990 FAMILY RESOURCES PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
464			MATRIX 23 ALLOCATION OF ALL OTHER INCOME (Item 17a and if applicable, Item 17d)
		117,600	0. Matrix not used
		2,031	1. Matrix used
465			MATRIX 23a ALLOCATION OF ALL OTHER INCOME DOLLARS AMOUNT (Item 17d)
		119,195	0. Matrix not used
		436	1. Matrix used

1 IMPUTATION CROSS-REFERENCE

Tape Location	Item	Flag Location
-	All resource items allocated (14 year of age and over)	433
-	All resource items allocated (Under 14 years of age)	434
336	Medicare Coverage	442
337	Medicaid Coverage	443
338	Champus Coverage	444
339	Private Health Insurance (HI)	445
340	HI provided-employer/union	446
341	Job or Business (Status)	447
342	35 or more hours worked	450
343	Employed or self-employed (class of worker)	448
344-350	Salary amount (month)	
	Employed only	451
	Employed and self employed	453

351-352	Number of months worked	449
353-360	Self-employment income	
	Self employed only	452
	Employed & self employed	453
361-362	Number of months self-employed	449
363	Social Security/Railroad Retirement (SS/RR) (and amount)	435
364-367,368	SS/RR Income amount and disability status	436
369	Supplemental Security Income (SSI) (and amount)	437
370-373	SSI amount	438
374	Other disability Income Source (and amount)	454

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Tape Location	Item	Flag Location
375-378	Other disability amount	455
379	Pension (and amount)	456
380-385	Pension amount	457
386	Welfare/Public Assistance (and amount)	439
387	Type of Welfare received	441
388-391	Welfare amount	440
392	Food stamp-family (and amount)	458
393-396	Food stamp value	459
397	Interest (and amount)	460
398-402	Interest amount	461
403	Dividend (and amount)	462
404-409	Dividend amount	463
410	Other Income source (and amount)	464
411-415	Other income amount	465



INDUSTRY RECODES OUTLINE

Recodes				
No. 1 Chrs. 80-81	No. 2 Chrs. 82-83	Detail Code (Chrs. 77-79)	Industry Title	SIC Code*
01	01	010-011,020-021	AGRICULTURE	01-02,07,078
02	01	030-031	FORESTRY AND FISHERIES	08-09
10	02	040-042,050	MINING	10-14
20	03	060	CONSTRUCTION	15-17
(30-34, 40-46)	(04)	-	MANUFACTURING:	
(30-34)			NONDURABLE GOODS	
30	04	100-102,110-112, 120-122	Food and kindred products	201-209
31	04	132,140-142, 150-152	Textile mill and finished textile products	221-229,231-239
32	04	171-172	Printing, publishing and allied industries	271-279
33	04	180-182,190-192	Chemicals and allied products	281-287,289
34	04	130,160-162, 200-201,210-212, 220-222	Other nondurable goods	21,261-266,291,295, 299,301-304,306- 311,313-317,319

\*Standard Industrial Classification

Recodes

No. 1 Chrs. 80-81	No. 2 Chrs. 82-83	Detail Code (Chrs. 77-79)	Industry Title	SIC Code*
(30-34, 40-46)	(04)	-	MANUFACTURING: - continued	
(40-46)			DURABLE GOODS	
40	04	230-232,241-242	Furniture, lumber and wood	
41	04	270-272,280	Primary metal industries	331-332,334,3331-
				3334,3339,3351,3353-
				3357,3361-
				3362,3369,
				339
42	04	281-282,290-292, 300	Fabricated metal industries, including ordnance	341-349
43	04	310-312,320-322, 331-332	Machinery, except electrical	351-359
44	04	340-342,350	Electrical machinery, equipment and supplies	361-367,369
45	04	351-352,360-362, 370	Transportation equipment	371-376,379
46	04	250-252,261-262, 301,371-372, 380-382,390-392	Other and not specified durable goods	321-329,381-387,394
(50-54)	(05)	-	TRANSPORTATION, COMMUNICATIONS AND OTHER PUBLIC UTILITIES	
50	05	400	Railroads	40
51	05	410-411	Trucking service and warehousing	421-423
52	05	401-402,412, 420-422,432	Other transportation	41,43-47
53	05	440-442	Communications	481-483,489
54	05	460-462,470-472	Utilities and sanitary	491-497

\*Standard Industrial Classification

1  
B

APPENDIX

INDUSTRY RECODES OUTLINE

Recodes				
No. 1	No. 2	Detail Code	Industry Title	SIC Code*
Chrs.	Chrs.	(Chrs. 77-79)		
80-81	82-83	(Chrs. 77-79)		
60	06	500-502,510-512, 521-522,530-532, 540-542,550-552, 560-562,571	WHOLESALE TRADE	501-508,5093,5094, 5099,511-518,5191, 5194,5198,5199
(61-65)	(07)	-	RETAIL TRADE	
61	07	591-592,600	General merchandise stores	531,533,539
62	07	601-602,610-611	Food, bakery and dairy stores	541-546,549
63	07	612,620-622	Automotive dealers and gasoline stations	551-557,559
64	07	641	Eating and drinking places	58
65	07	580-582,590, 630-632,640,642, 650-652,660-662, 670-672,681-682, 691	Other and not specified retail trade	521,523,525-527,56, 571-573,591-593, 5941-5949,5961- 5963, 598,5992-5994,5999
(70-71)	(08)	-	FINANCE, INSURANCE, AND REAL ESTATE	
70	08	700-702	Banking and credit agencies	60-61
71	08	710-712	Insurance, real estate, and other finance	62-67

\*Standard Industrial Classification

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B

APPENDIX

INDUSTRY RECODES OUTLINE

Recodes				
No. 1	No. 2	Detail Code	Industry Title	SIC Code*
Chrs.	Chrs.			

80-81 82-83 (Chrs. 77-79)

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(75-85)	(09-12)	-	SERVICES:	
(75-76)	(09)		BUSINESS AND REPAIR SERVICES	
75	09	721-722,730-732, 740-742,750	Business services	731-737,7391-7397, 7399,751,752,754
76	09	751-752,760	Repair services	753,762-764,7692, 7694,7699
(77-78)	(10)	-	PERSONAL SERVICES	
77	10	761	Private households	88
78	10	762,770-772, 780-782,790-791	Other personal services	701-704,721-726,729
79	11	800-802	ENTERTAINMENT AND RECREATION SERVICES	78,791-794,799
(80-85)	(12)	-	PROFESSIONAL AND RELATED SERVICES	
80	12	831	Hospitals	806
81	12	812,820-822,830, 832,840	Health services, except hospitals	801-803,8041-8042, 8049,805,807-809
82	12	842,850	Elementary and secondary schools and colleges	821-822
83	12	851-852,860	Other educational services	823-824,829
84	12	861-862,870-872, 880-881	Social services, religious and membership organizations	832-833,835-836, 839,84,861-866,869
85	12	841,882,890-892	Legal, engineering and other professional services	81,891-893,899

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\*Standard Industrial Classification

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APPENDIX

INDUSTRY RECODES OUTLINE

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Recodes

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 No. 1 No. 2  
 Chrs. Chrs. Detail Code Industry Title SIC Code\*  
 80-81 82-83 (Chrs. 77-79)

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90	13	900-901,910, 921-922,930-932	PUBLIC ADMINISTRATION	911-913,919,92-97
95	14	990 and all other codes except 996	UNKNOWN INDUSTRY	-
96	14	996	NEW WORKER	
97	15	Not applicable	NOT IN LABOR FORCE - codes Blank and 8 in current activity recode (loc. 75) (Under 18 or 18+ and not in Labor Force).	
98	16	942	ARMED FORCES (excludes Reserves and National Guard)	

\*Standard Industrial Classification

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APPENDIX

INDUSTRY RECODE TITLES

Code	Titles	Recode No. 1 Inclusions
01	AGRICULTURE, FORESTRY AND FISHERIES	01,02
02	MINING	10
03	CONSTRUCTION	20
04	MANUFACTURING	30-34, 40-46
05	TRANSPORTATION, COMMUNICATIONS AND OTHER PUBLIC UTILITIES	50-54
06	WHOLESALE TRADE	60
07	RETAIL TRADE	61-65
08	FINANCE, INSURANCE, AND REAL ESTATE	70-71
09	BUSINESS AND REPAIR SERVICES	75-76
10	PERSONAL SERVICES	77-78

11	ENTERTAINMENT AND RECREATION SERVICES	79
12	PROFESSIONAL AND RELATED SERVICES	80-85
13	PUBLIC ADMINISTRATION	90
14	UNKNOWN (includes new workers)	95-96
15	NOT IN LABOR FORCE	97
16	ARMED FORCES	98

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APPENDIX C

OCCUPATION RECODE OUTLINE

Recodes				
No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs. 87-88	Chrs. 89-90	(Chrs. 84-86)		
(01-03)	(01)	-	EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	-
01	01	003-006	Officials and administrators, public administration	111-113
02	01	007-009,013-019	Managers and administrators, except public administration	121-128,132-139
03	01	023-029,033-037	Management related occupations	1412,1414-1415, 1419,142-143, 1442-1443,1449, 145,1472-
1473,149				
(04-11)	(02)	-	PROFESSIONAL SPECIALTY OCCUPATIONS	-
04	02	044-049,053-059	Engineers	1622-1628,1632- 1637,1639
05	02	043,063	Architects and surveyors	161,164
06	02	064-069,073-079, 083	Natural mathematical and computer scientists	171-172,1732- 1733,1739,1842- 1843,1845-1847, 1849,1852-1855
07	02	084-089	Health diagnosing occupations	27,261-262,281, 283,289
08	02	095-099,103-106	Health assessment and treating occupations	29,301-302,3031- 3034,3039,304,
09	02	113-119,123-129, 133-139,143-149	Teachers, librarians and counselors	2212-2218,2222- 2228,2231-2238,

		153-159,163-165		2242-2247,2249, 231-233,235,236, 239,24,251,252
10	02	183-189,193-195, 197-199	Writers, artists, entertainers and athletes	34,321-329,331- 333,398
11	02	166-169,173-179	Other professional specialty occupations	1912-1916,1919, 192,2032-2033, 2042,2049,211-

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\*Standard Occupational Classification.

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APPENDIX

OCCUPATION RECODE OUTLINE

Recodes				
No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs. 87-88	Chrs. 89-90	(Chrs. 84-86)		
(12-13)	(03)	-	TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	-
12	03	203-208	Health technologists and technicians	362-366,369
13	03	213-218,223-229, 233-235	Technologists, technicians except health	3711-3713,3719, 372-
373,382,3831-				
3833,384,389,392-				393,396,3971-
3972,3974,399,825				
(14-16)	(04)	-	SALES OCCUPATIONS	-
14	04	243	Supervisors and proprietors	40
15	04	253-259	Sales representatives, commodities and finance	4122-4124,4152- 4153,421,423-424
16	04	263-269,274-278, 283-285	Other sales	4342-4348,4351- 4354,4356,4359, 4362-4367,4369, 444-447,449
(17-21)	(05)	-	ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	-
17	05	308-309	Computer equipment operators	4612-4613

18	05	313-315	Secretaries, stenographers and typists	4622-4624
19	05	337-339,343-344	Financial records processing occupations	4712-4713,4715-4716,4718
20	05	354-357	Mail and message distributing	4742-4745
21	05	303-307,316-319,323,325-329,335-336,345-349,353,359,363-366,368-369,373-379,383-387,389	Other administrative support	4511-4519,4521-4529,463,4642-4645,4649,4662-4664,4692,4694,4696,4699,4722-4723,4729,4732-4733,4739,4751-4759,4782-4784,4786-4787,4791-4795,4799

\*Standard Occupational Classification.

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APPENDIX

OCCUPATION RECODE OUTLINE

Recodes				
No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs. 87-88	Chrs. 89-90	(Chrs. 84-86)		
22	06	403-407	PRIVATE HOUSEHOLD OCCUPATIONS	502-507,509
(23-24)	(07)	-	PROTECTIVE SERVICE OCCUPATIONS	
23	07	413-414,416-418,423-424	Police and firefighters	5111-5112,5122-5123,5132-5134
24	07	415,425-427	Other protective service occupations	5113,5142,5144,5149
(25-28)	(08)	-	SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	
25	08	433-439,443-444	Food service	5211-5219
26	08	445-447	Health service	5232-5233,5236
27	08	448-449,453-455	Cleaning and building service	5241-5242,5244-5246,5249



28	08	456-459,463-469	Personal service	5251-5258,5262-5264,5269
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(29-31)	(09)	-	FARMING, FORESTRY AND FISHING OCCUPATIONS	
29	09	473-476	Farm operators and managers	5512-5515,5522-5525
30	09	477,479,483-489	Farm workers and other agricultural workers	5611-5619,5621-5622,5624-5625,5627
31	09	494-499	Forestry and fishing occupations	571-573,579,583-
584,8241(pt.)				

\*Standard Occupational Classification.

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APPENDIX

OCCUPATION RECODE OUTLINE

Recodes				
No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs. 87-88	Chrs. 89-90	(Chrs. 84-86)		
<hr/>				
(32-34)	(10)	-	PRECISION PRODUCTION, CRAFT AND REPAIR OCCUPATIONS	
32	10	503,505-509,514-519,523,525-527,529,533-536,538-539,543-544,547,549	Mechanics and repairers	60,6111-6118,613-614,6151-6159,616,6171-6179
33	10	553-558,563-567,569,573,575-577,579,583-585,587-589,593-599,613-617	Construction and extractive trades	6311-6316,6318,632,6412-6414,6422,6424,6432-6433,6442-6444,645,6462-6468,6472,6476,6479,652-654,656
34	10	633-637,639,643-647,649,653-659,666-669,673-679,683-684,686-689,693-696,699	Precision production occupations	67,71,6811-6814,6816-6817,6821-6824,6829,6831-6832,6835,6839,6844,6852-6854,6856,6859,6861-6862,6864-6867,6869,6871-6873,

6879, 6881-6882,  
691-696, 7447,  
7668, 7677, 7752,  
828

\*Standard Occupational Classification

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APPENDIX

OCCUPATION RECODE OUTLINE

Recodes				
No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs. 87-88	Chrs. 89-90	(Chrs. 84-86)		
OPERATORS, FABRICATORS AND LABORERS				
(35-36) (11) MACHINE OPERATORS, ASSEMBLERS AND INSPECTORS				
35	11	703-709, 713-715, 717, 719, 723-729, 733-739, 743-745, 747-749, 753-759, 763-766, 768-769, 773-774, 777, 779	Machine operators and tenderers, except precision	6841-6842, 6849, 6855, 6863, 6868, 7312-7319, 7322, 7324, 7326, 7329, 7339, 7342-7344, 7349, 7431-7435, 7439, 7443-7444, 7449, 7451-7452, 7459, 7462-7463, 7467, 7472, 7474, 7476-7478, 7479(pt.), 7512-7519, 7522, 7529, 7539, 7542-7544, 7549, 7631-7636, 7639, 7642-7644, 7649, 7651-7652, 7654-7659, 7661-7667, 7669, 7671-7676, 7677(pt.), 7678-7679
36	11	783-787, 789, 793-799	Fabricators, assemblers, inspectors and samplers	7332-7333, 7532-7533, 7714, 7717, 772, 774, 7753-7759, 782-785, 787
(37-39) (12) - TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS				
37	12	803-806, 808-809, 813-814	Motor vehicle operators	8111, 8212-8216, 8218-8219, 874
38	12	823-826, 828-829,	Other transportation, except	8113, 8232-8233,

		833-834	motor vehicles	8239,8241(pt.), 8242-8245
39	12	843-845,848-849, 853,855-856,859	Material moving equipment operators	812,8312-8319

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\*Standard Occupational Classification

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APPENDIX

OCCUPATION RECODE OUTLINE

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Recodes

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No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs. 87-88	Chrs. 89-90	(Chrs. 84-86)		
(40-41)	(13)		HANDLERS, EQUIPMENT CLEANERS, HELPERS AND LABORERS	
40	13	869	Construction laborers	871
41	13	863-867,873, 875-878,883,885, 887-889	Freight, stock and material handlers	85,861-863, 8641-8646, 8648,865, 8722-8726,873, 875,8761,8769
95	14	999 and all other codes except 990	UNKNOWN OCCUPATION	
96	14	990	NEW WORKER	
97	15	Not applicable	NOT IN LABOR FORCE - codes Blank and 8 in current activity recode (Loc. 75). (Under 18 or 18+ and Not in Labor Force)	
98	16	905	MILITARY	

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\*Standard Occupational Classification

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APPENDIX

OCCUPATION RECODE TITLES

Code	Titles	Recode No. Inclusions
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS		
01	EXECUTIVE, ADMINISTRATIVE AND MANAGERIAL OCCUPATIONS	01-03
02	PROFESSIONAL SPECIALTY OCCUPATIONS	04-11
TECHNICAL, SALES AND ADMINISTRATIVE SUPPORT OCCUPATIONS		
03	TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	12-13
04	SALES OCCUPATIONS	14-16
05	ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	17-21
SERVICE OCCUPATIONS		
06	PRIVATE HOUSEHOLD OCCUPATIONS	22
07	PROTECTIVE SERVICE OCCUPATIONS	23-24
08	SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	25-28
09	FARMING, FORESTRY AND FISHING OCCUPATIONS	29-31
10	PRECISION PRODUCTION, CRAFT AND REPAIR OCCUPATIONS	32-34
OPERATORS, FABRICATORS AND LABORERS		
11	MACHINE OPERATORS, ASSEMBLERS AND INSPECTORS	35-36
12	TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	37-39
13	HANDLERS, EQUIPMENT CLEANERS, HELPERS AND LABORERS	40-41
14	UNKNOWN OCCUPATION (includes New Workers)	95-96
15	NOT IN LABOR FORCE	97
16	MILITARY	98