

HR-1

NATIONAL HEALTH INTERVIEW SURVEY
 1990 HEARING 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	70. Hearing 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.
 1 HR-2

NATIONAL HEALTH INTERVIEW SURVEY
 1990 HEARING 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
13-14	HH-5		HOUSEHOLD NUMBER Numbered within PSU-Week-Segment
15-16	-		PERSON NUMBER
17-18	-		BLANK (Record Serial Number on other record types).
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.
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

1

HR-3

NATIONAL HEALTH INTERVIEW SURVEY
1990 HEARING PUBLIC USE DATA TAPE

Tape			
Locations	Item No.	Frequency	Items and Codes
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

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BLANK

1

HR-4

NATIONAL HEALTH INTERVIEW SURVEY
1990 HEARING 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
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
31-32	Recode		AGE RECODE #3
		5,869	00-35. Months
		113,762	36. Over 3 years

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
the			Persons whose Main Racial Background (location 42) was "other" or "unknown" were classified in
44			RECODE 2
		97,732	1. White
		21,899	2. Non-white
by			following recodes by using the racial background observed
45			RECODE 3
		18,036	1. Black
		101,595	2. Non-black
			the interviewer. Use of these recodes is recommended for estimating statistics for the groups shown here.
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
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

NATIONAL HEALTH INTERVIEW SURVEY
1990 HEARING 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

1

HR-8

NATIONAL HEALTH INTERVIEW SURVEY

1990 HEARING 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

NATIONAL HEALTH INTERVIEW SURVEY
1990 HEARING 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

NATIONAL HEALTH INTERVIEW SURVEY
1990 HEARING PUBLIC USE DATA TAPE

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
		16	7. Child of ineligible reference person
		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

NATIONAL HEALTH INTERVIEW SURVEY
1990 HEARING PUBLIC USE DATA TAPE

Tape			
Locations	Item No.	Frequency	Items and Codes
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.

NATIONAL HEALTH INTERVIEW SURVEY
1990 HEARING 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)
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)

1

HR-13

NATIONAL HEALTH INTERVIEW SURVEY
1990 HEARING PUBLIC USE DATA TAPE

Tape				
Locations	Item No.	Frequency	Items and Codes	
personal	74	B-14	NEEDS HELP WITH PERSONAL CARE (5-59 years 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 or routine needs
			548	4. Unknown
			100,322	Blank. Not applicable (under 5 years; 5-59 years not limited; 70+ years old)
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
33,243

8. Not in Labor Force (18+ years)
Blank. Not applicable (Under 18 years
old)

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

1

HR-14

NATIONAL HEALTH INTERVIEW SURVEY

1990 HEARING PUBLIC USE DATA TAPE

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
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

1 HR-15
NATIONAL HEALTH INTERVIEW SURVEY
1990 HEARING PUBLIC USE DATA TAPE

Tape

Locations	Item No.	Frequency	Items and Codes
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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

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)

	36-98.	Number of inches
	99.	Unknown
	Blank.	Under 18 years of age

122-123	Generated	NUMBER OF SHORT-STAY HOSPITAL EPISODES IN IN PAST 12 MONTHS
124-126	Generated	SHORT-STAY HOSPITAL EPISODE DAYS IN PAST 12 MONTHS
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*

*Based on operation codes and reason entered hospital.
1 HR-18

NATIONAL HEALTH INTERVIEW SURVEY
1990 HEARING PUBLIC USE DATA TAPE

Tape			
Locations	Item No.	Frequency	Items and Codes
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)

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
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172-177			QUARTER BASIC WEIGHT BEFORE AGE-SEX-RACE ADJUSTMENT (Has one implied decimal)
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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
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182	Master Record		REGION
		24,155	1. Northeast
		29,961	2. Midwest
		40,114	3. South
		25,401	4. West

1			HR-19
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NATIONAL HEALTH INTERVIEW SURVEY

1990 HEARING PUBLIC USE DATA TAPE

Tape

Locations	Item No.	Frequency	Items and Codes
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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
INCIDENCE

CHRONIC CONDITION PREVALENCE AND
FACTOR (XX.XXXXXXXXXX) - character format
with implied decimal

	FINAL BASIC WEIGHT
201-209	QUARTER
210-218	SEMI-ANNUAL (WT/2)
219-227	ANNUAL (WT/4)

1 HR-20

NATIONAL HEALTH INTERVIEW SURVEY
1990 HEARING PUBLIC USE DATA TAPE

Tape

Locations	Item No.	Frequency	Items and Codes
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	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
	ESTIMATED SHORT-STAY HOSPITAL EPISODE
DAYS	IN PAST 12 MONTHS
300-308	QUARTER
309-317	SEMI-ANNUAL
318-326	ANNUAL
327-335	ANNUAL ESTIMATED NUMBER OF SHORT-STAY HOSPITAL EPISODES IN PAST 12 MONTHS

NATIONAL HEALTH INTERVIEW SURVEY
1990 HEARING PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
336			DOES PERSON HAVE A HEARING PROBLEM
		9,344	1. Yes
		106,702	2. No
		3,585	9. Unknown
337	1a		HEARING LEFT EAR
		1,980	1. Good
		4,557	2. Little trouble
		1,909	3. Lot of trouble
		733	4. Deaf
		165	9. DK or refused
		110,287	Blank. No or unknown hearing problem
338	1b		HEARING RIGHT EAR
		2,380	1. Good
		4,297	2. Little trouble
		1,846	3. Lot of trouble
		613	4. Deaf
		208	9. DK or refused
		110,287	Blank. No or unknown hearing problem
339	2a-d		GALLAUDET HEARING SCALE SCORE
		2,123	1. Can understand whisper
		4,142	2. Can understand Normal voice
		2,260	3. Can understand Shout
		341	4. Can understand Shout in ear
		264	5. Cannot hear & understand speech
		198	9. Unknown
		110,303	Blank. No or unknown problem, or under 3 years of age
340-341	3a/b		AGE WHEN HEARING TROUBLE BEGAN

237	00.	At birth
160	01.	Less than 1 year
7,599	02-97.	02-97 years
1	98.	98 years or over
1,331	99.	DK or refused
110,303	Blank.	No or unknown hearing problem or under 3 years of age

1

HR-22

NATIONAL HEALTH INTERVIEW SURVEY
1990 HEARING PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
342	3a-d		RANGE OF AGE AT ONSET
		496	1. Under 3 years
		1,324	2. 3-18 years
		64	3. Under 19 years (DK IF GT 3 OR LT 3)
		7,015	4. 19 years and over
		429	9. DK or refused
		110,303	Blank. No or unknown hearing problem or under 3 years of age
343		119,631	BLANK
344	Recode		SUPPLEMENT AND CONDITION RECORDS (CR) HEARING PROBLEM (HP)
		8,752	1. Supplement indicates HP and CR indicates HP
		592	2. Supplement indicates HP, CR does not indicate HP
		106,702	3. No HP indicated on either
		1,100	4. No HP indicated on supplement, but CR indicates HP
		2,485	5. Supplement is unknown, CR indicates no HP
345	4a		RINGING OR NOISES IN EARS IN PAST 12 MONTHS
		8,886	1. Yes
		100,708	2. No
		10,021	9. DK or refused
		16	Blank. Under 3 years of age

346	4b		HOW OFTEN HEAR RINGING OR NOISES
		2,320	1. All the time
		1,534	2. Every few days
		4,838	3. Less often
		194	9. DK or refused
		110,745	Blank. No or unknown Tinnitus, or under 3 years of age

1

HR-23

NATIONAL HEALTH INTERVIEW SURVEY

1990 HEARING PUBLIC USE DATA TAPE

Tape Locations	Item No.	Frequency	Items and Codes
347	4c		HOW MUCH RINGING OR NOISES BOTHER YOU
		1,903	1. Quite a bit
		4,237	2. Just a little
		2,574	3. Not at all
		172	9. DK or refused
		110,745	Blank. No or unknown Tinnitus, or under 3 years of age
348-349	4d		AGE WHEN RINGING OR NOISES BEGAN
		7,430	00-98. Birth to 98 years of age
		1,456	99. DK or refused
		110,745	Blank. No or unknown Tinitus or under 3 years of age
350	N3 (a)		RESPONDENT ITEM N3
		28,404	0. Under 17
		54,357	1. Present for all questions
		2,651	2. Present for some questions
		28,523	3. Not present
		5,696	9. Unknown
351-352	N3 (b)		PERSON NUMBER OF RESPONDENT
		114,037	01-28. Person number
		84	97. Non-household number
		72	98. Active Duty military

1
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			
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, 307,	Other nondurable goods	21,261-266,291,295, 299,301-304,306-
		220-222		311,313-317,319

*Standard Industrial Classification

1
B

APPENDIX

INDUSTRY RECODES OUTLINE

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

INDUSTRY RECODES OUTLINE

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

Recodes

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

*Standard Industrial Classification

1
B

APPENDIX

INDUSTRY RECODES OUTLINE

Recodes

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

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

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

1
B

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

1

APPENDIX C

OCCUPATION RECODE OUTLINE

Recodes				

No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs.	Chrs.	(Chrs. 84-86)		
87-88	89-90			
(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	29,301-302,3031-

			treating occupations	3034,3039,304,
09	02	113-119,123-129, 133-139,143-149 153-159,163-165	Teachers, librarians and counselors	2212-2218,2222- 2228,2231-2238, 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-

212

*Standard Occupational Classification.

1
C

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-				
3972,3974,399,825				393,396,3971-
(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.

1
C

APPENDIX

OCCUPATION RECODE OUTLINE

Recodes				
No. 1	No. 2			
Chrs. 87-88	Chrs. 89-90	Detail Code (Chrs. 84-86)	Occupation Title	SOC Code*
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

(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.

1
C

APPENDIX

OCCUPATION RECODE OUTLINE

Recodes

No. 1	No. 2			
Chrs. 87-88	Chrs. 89-90	Detail Code (Chrs. 84-86)	Occupation Title	SOC Code*

(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,	Precision production occupations	67,71,6811-6814, 6816-6817,6821-6824,6829,6831-6832,6835,6839,

686-689,693-696,
699

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

1
C

APPENDIX

OCCUPATION RECODE OUTLINE

Recodes				
No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs.	Chrs.	(Chrs. 84-86)		
87-88	89-90			
<hr/>				
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
<hr/>				
(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, 833-834	Other transportation, except motor vehicles	8113,8232-8233, 8239,8241(pt.), 8242-8245
39	12	843-845,848-849, 853,855-856,859	Material moving equipment operators	812,8312-8319

*Standard Occupational Classification

1
C

APPENDIX

OCCUPATION RECODE OUTLINE

Recodes

No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs.	Chrs.	(Chrs. 84-86)		
87-88	89-90			
(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	

*Standard Occupational Classification

OCCUPATION RECODE TITLES

Code	Titles	Recode No. 1 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
