NATIONAL HEALTH INTERVIEW SURVEY 1994-1995 Polio Public Use data file

In 1994 and 1995 the National Health Interview Survey (NHIS) conducted a Disability Followback Survey (DFS) based on responses to a Disability Phase 1 Supplement. There were four DFS questionnaires: one for adults with a past history of Polio; one for children; one for adults; and one for elderly persons 69 years of age and older without any indication of disability, called the Supplement on Aging or SOA. The Polio, DFS-Child, and DFS-Adult, questionnaires were fielded in 1994 and 1995, but the SOA questionnaire was fielded ONLY in 1994. For reasons of economy, however, some SOA questions did remain on the survey instrument in 1995. Because of the very small numbers of polio survivors in the DFS, the files from 1994 and 1995 have been combined to produce one file, the 1994-1995 Polio file. This file includes only data from the 1994-1995 Polio Survivors Questionnaire and the NHIS Core from 1994 and 1995. Data files have already been released for the DFS-Child 1994, the DFS-Child 1995, the DFS-Adult 1994, the DFS-Adult 1995, and the SOA 1994.

The Polio Questionnaire collected additional information about the symptoms and impact of the illness at the time of initial diagnosis of polio and at various times after the diagnosis. This includes questions on periods of rehabilitation, post-polio syndrome, times when respondents felt they were at their "physical best", and other health problems experienced. Whenever possible, self response by the polio survivor was required for this component.

(Most of the information above was adapted from a paper entitled "The 1994-95 National Health Interview Survey on Disability" written by Gloria Simpson, David Keer, and Marcie Cynamon of the National Center for Health Statistics.)

Recodes

There are a limited number of recodes in these files; usually they were added to summarize data in several locations. Generally, the recodes are located close to the variables upon which they were based. When a recode was related to several non-contiguous variables, the recode was placed at the end of the relevant section of the data file.

Response rates

For the 1994-1995 NHIS Core the Household response rate was 93.8%; the response rate for Disability Phase 1 was 92.8%; and the response rate for the Polio Survivor Questionnaire was 92.0%. The overall estimated response rate can be calculated two ways. One method is to multiply all three response rates including the original NHIS core sample and Disability Phase 1 which were administered to all persons, as well as the Polio which was only administered to a subset of respondents to Phase 1. This method yields a response rate of

80.1%. The second method is based on the responses to Phase 1 which determined the eligibility criteria for Polio, as well as the respondents to the Polio questionnaire. This rate was calculated by multiplying the response rate to Phase 1 (92.8%) by the response rate to Polio (92.0%) yielding a rate of 85.4%.

Weights

Because the NHIS uses a multistage sample design to represent the civilian noninstitutionalized population of the United States, weights must be used to make accurate, national estimates from the NHIS data. The weighting for the core NHIS in 1995 differs from that of 1994 because of the changes in the sample design in 1995. For the Polio file, combined weights (for the years 1994-1995) were created to be used WITH THIS POLIO FILE ONLY. A revised set of weights was calculated to adjust for the additional non-response between Disability Phase 1 and Polio. The re-weighting process was similar to the non-response adjustment for the 1994-1995 Disability Phase 1 data, but used year-age-sex categories. The health data from the Core were examined before re-weighting to look for any evidence of bias due to differences in health status between Disability Phase 1 respondents and non-respondents; no significant differences between the two groups were found. Overall, the polio weights have been adjusted for nonresponse three times. After the nonresponse adjustment, the weights were divided by two so that average annual estimates could be produced. Because of this re-weighting, the corresponding weights on the Polio, Disability Phase 1, and Core data files all differ.

The Final Annual Basic Weight (Locations 201-206) will be used in most analyses. This weight should be used with the Polio data found in locations 389-670 and with the person level variables in the beginning of the file.

The Final Quarter Basic Weight before age-sex-race-ethnicity adjustment (Locations 172-177) is identical to the weight from the Core NHIS. If an annualized version of this quarter weight is needed, divide the value in this field by 4.

Because of the small sample sizes, many single year estimates will not be reliable and variance estimators will be unstable. It is recommended that separate year analyses not be done. There are a number of computer programs that yield variance estimates for data based on complex sample surveys. Some are based on replication approaches and others are based on Taylor linearization approaches. Included on the DFS-Adult file are the Polio strata (Locations 345-348) and the Polio PSU (Location 349), which will enable the analyst to use such variance estimation procedures.

To reduce respondent error, the recall period for questions about some events is limited to two weeks. These events are bed days, work loss and school loss days, and doctor visits. The two week variables are found in locations 98-107 and 120-121. Estimates of the total number of occurrences of these events in the population can be derived as follows:

Number of events x 26 (number of two week periods in a year) x Final Annual Basic Weight

= Total number of events occurring in the population during 1994-1995.

Example: Number of bed days (Locations 100-101) x 26 x Final Annual Basic Weight (Locations 201-206) = total number of bed days reported for the population in 1994-1995.

The recall period for information on hospitalizations is 12 months. However, in calculating the number of discharges (Locations 132-133, 137-138), only discharges occurring in the past six months are counted. Therefore, the weighted estimates must be calculated as follows:

Number of discharges x 2 x Final Annual Basic Weight = Total number of discharges occurring in the population in 1994-1995

Item non-response

Two different types of item non-response are possible in the data files. Responses of "Don't Know" or "Refused" were assigned codes of "9", "99", or "999". When a question was not answered when it should have been or the answer given was not possible, "Not ascertained" was assigned a code of "8", "98", or "998".

Additional files

In addition to the files mentioned above, the following NHIS data files exist for 1994 and for 1995.

For all the NHIS-DFS adult polio survivors:

NHIS (Core)
Disability Phase I
Access to health care
Health Insurance
Imputed Family Income

Guidelines for Citation of Data

With the goal of mutual benefit, the National Center for Health Statistics (NCHS) requests that recipients of data files cooperate in certain actions related to the their use. Any published material derived from the data should acknowledge NCHS as the original source.

The suggested citation to appear at the bottom of all tables is as follows:

Source: National Center for Health Statistics (1994-1995).

The suggested citation to appear a bibliography is as follows:

National Center for Health Statistics (2000). Data File Documentation, National Health Interview Survey of Disability, Phase II, 1994-1995 Polio File (machine readable data file and documentation), National Center for Health Statistics, Hyattsville, Maryland.

The published material should also include a disclaimer that credits any analyses, interpretations, or conclusions reached to the author (recipient of the data file) and not to NCHS, which is responsible only for the initial data. Consumers who wish to publish a technical description of the data should make an effort to insure that the description is not inconsistent with that published by NCHS.

References

- 1. Adams PF, Marano MA. Current estimates from the National Health Interview, Survey, 1994. National Center for Health Statistics. Vital Health Stat 10 (193), 1995.
- 2. Benson V., Marano MA. Current estimates from the National Health Interview, Survey, 1995. National Center for Health Statistics. Vital Health Stat 10 (199), 1998.
- 3. National Center for Health Statistics (1998). Public Use Data Tape Documentation, Part I, Tape Formats, National Health Interview Survey, 1995. National Center for Health Statistics, Hyattsville, MD (Producer). National Technical Information Service, U.S. Department of Commerce, Springfield, VA. 22161 (Distributor).

DISABILITY PHASE II POLIO PUBLIC USE FILE

Outline of Items and Codes

566 Records

Tape Locations	Item No. Frequenc	y Items and Codes
1-2	-	RECORD TYPE
	56	6 69. Polio Record
3-4	нн-2	PROCESSING YEAR
	35 21	
5-14	Generated	HOUSEHOLD ID
15-16	_	PERSON NUMBER
17-18	-	BLANK
19-20	HH-3 33 46 50 42 59 43 38 45 43 44 38 40	02. Week 2 03. Week 3 04. Week 4 05. Week 5 06. Week 6 07. Week 7 08. Week 8 09. Week 9 10. Week 10 11. Week 11

Tape Locations	Item No.	Frequency	Items and Codes
21	Recode		LATE INTERVIEW (OR LAST ATTEMPT) FLAG
		376	0. Interview not late
		140	1. One week late
		36	2. Two weeks late
		14	3. Unknown
22-23	HH-11c,d		TYPE OF LIVING QUARTERS:
			Housing Unit = (00-07)
		5	00. Housing unit; kind unknown
		523	01. House, apartment, flat
		0	02. HU in nontransient hotel, motel, etc.
		0	03. HU-permanent in transient hotel, motel, etc.
		1	04. HU in rooming house
		27	05. Mobile home or trailer with no permanent room added
		8	06. Mobile home or trailer with one or more permanent rooms added
		1	07. HU not specified above
			Other Unit = (08-13)
		0	08. Quarters not HU in rooming or boarding house
		0	09. Unit not permanent in transient hotel, motel, etc.
		0	10. Unoccupied site for mobile home, trailer, or tent
		0	11. Student quarters in college dormitory
		1	12. Other unit not specified above
		0	13. Other unit; kind unknown

Tape Locations	Item No.	Frequency	Items and Codes
24	нн-12		HAS TELEPHONE
		526	 Yes, phone number given Yes, no phone number given
		19 15	 Yes, no phone number given No
		6	4. Unknown
25	A-1		SEX
23	71 1		
		242	1. Male
		324	2. Female
26	-		AGE IMPUTED FLAG
		566	0. Age known
		0	1. Age unknown, imputed as 34
27-28	Person		AGE
	Column		
		0	00. Under 1 year
		559	01-84. Number of years
		7	85. 85 years or older
29	Recode		AGE RECODE #1
		0	1. Under 5 years
		0	2. 5-17 years
		2	3. 18-24 years
		77	4. 25-44 years
		335	5. 45-64 years
		51	6. 65-69 years
		43 58	7. 70-74 years 8. 75 years and over
		30	o. 75 years and over

Tape Locations	Item No.	Frequency	Items and Codes
30	Recode		AGE RECODE #2
		0	1. Under 6 years
		0	2. 6-16 years
		2	3. 17-24 years
		6	4. 25-34 years
		71	5. 35-44 years
		200	6. 45-54 years
		135	7. 55-64 years
		94	8. 65-74 years
		58	9. 75 years and over
31-32	Recode		AGE RECODE #3
		0	00-35. Months
		566	36. Over 3 years
33	-		MONTH OF BIRTH IMPUTED FLAG
		563	0. Month known
		3	1. Month unknown '8' imputed
		0	9. Date of birth unknown
34-39	A-3		MONTH AND YEAR OF BIRTH
34-35			Month
			01. January 08. August
			02. February 09. September
			03. March 10. October 04. April 11. November
			04. April 11. November 05. May 12. December
			06. June 99. Unknown
			07. July
36-39			Year of Birth
		24	1912. 1912 and before
		542	1913-1996. 1913-1996
		0	9999. Unknown

Tape			
Locations	Item No.	Frequency	Items and Codes
40	Recode		HISPANIC ORIGIN IMPUTED FLAG
		563 3	0. Hispanic Origin Known 1. Hispanic Origin Imputed from Reference Person
41-42	A-6		MAIN RACIAL BACKGROUND* - Reported (see notation for locations 43-45)
		515	01. White
		26	02. Black/African American**
		4	03. Indian (American)
		4	06. Chinese
		3	07. Filipino
		3	15. Other API (includes Hawaiian, Korean, Vietnamese, Japanese, Asian Indian, Samoan, and Guamanian)
		6	16. Other Race (includes Eskimo and Aleut)
		1	17. Multiple Race
		4	99. Unknown

^{*}Some categories may be too small to analyze separately and therefore may produce unreliable estimates; in addition, counts may not agree with those produced by the Census Bureau.

^{**}For convenience, the category 'Black/African American' will be shown as 'Black' in all race recode locations throughout the documentation.

Tape Locations	Item No.	Frequency	Ite	ems and Code	es
43-45	Recode		RAC	E RECODES	
43			Rec	ode 1*	
		526	1.	White	Persons whose Main
		26	2.	Black	Racial Background
		14	3.	Other	(location 41-42) was "other" or "unknown"
44			Rec	ode 2	were classified in th following recodes by
		526	1.	White	using the racial
		40	2.	Non-white	5
45			Rec	ode 3	of these recodes is recommended for
		26	1.	Black	estimating statistics
		540	2.	Non-black	_
46-47	A-5		HIS	PANIC ORIGI	.N**
		1	00.	Multiple	Hispanic
		1	01.	Puerto Ri	can
		3	02.	Cuban	
		5	03.	Mexican-M	lexicano
		12	04.		merican
		2	05.		
		1	06.		in American
		5	07.		
		3	08.	-	
		4	09.		f Spanish origin
		529	10.	Not Spani	sh origin

^{*}This recode is used to define race in the Current Estimates tables.

^{**}If unknown, the family reference person code was imputed. A flag indicating imputation is in loc. 40 and the relationship to reference person is in loc. 63.

Tape	Thom No	Enoguenar	Items and Codes	
Locations	item No.	Frequency	Items and codes	
48	L-7		MARITAL STATUS	
		0	0. Under 14 years	
		364	1. Married - spouse in hous	sehold
		6	2. Married - spouse not in household	
		67	3. Widowed	
		67	4. Divorced	
		10	5. Separated	
		50	6. Never married	
		2	7. Unknown	
49	L-1		VETERAN STATUS	
		470	1. Non-veteran	
		15	3. WW I and WW II	
		16	4. Korean War	
		33	5. Vietnam veteran	
		6	6. Post-Vietnam	
		19	7. Other service	
		2	8. Served in Armed Forces	2
		2	unknown if war veterar	
		5	9. Unknown if served in A	
		5		ar illea
		0	Forces	
		0	Blank. Under 18 years of age	
50	L-1		ACTIVE GUARD/RESERVE STATUS FO)R
			PERSONS ON ACTIVE DUTY IN ARME	ED FORC
		470	0. Non-veteran	
		8	 All service in Guard/F 	Reserve
		20	2. Some service in Guard	'Reserv
		0	 Unknown if all service Guard/Reserve 	e in
		58	4. No active service in G	Guard/
		10	5. Unknown if ever active in Guard/Reserve or se	
		0		
		U	Blank. Under 18 years of age	

Tape Locations	Item No.	Frequency	Items a	and Codes
51-52	L-2		EDUCATI YEARS	ON OF INDIVIDUAL - COMPLETED
		2	00.	Never attended; kindergarter only
		299	01-12.	-
			College	: :
		46	13.	1 year
		59	14.	2 years
		22	15.	3 years
		60	16.	4 years
		14	17.	5 years
		62	18.	6 years or more
		2	19.	Unknown
		0	Blank.	Under 5 years of age
53	Recode		EDUCATI	ON OF INDIVIDUAL RECODE
		2	0.	None; kindergarten only
		46	1.	1-8 years (elementary)
		50	2.	9-11 years (high school)
		203	3.	12 years (high school
				graduate)
		127	4.	1-3 years (college)
		60	5.	4 years (college graduate)
		76	6.	
		2	7.	Unknown
		0	Blank.	Under 5 years of age

Tape Locations	Item No.	Frequency	Items and Codes
54-55	-		HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER (Detail)
		1	00. Never attended; kindergarte only
		244	01-12. Grades 1-12
			College:
		44	13. 1 year
		62	14. 2 years
		30	15. 3 years
		85	16. 4 years
		20	17. 5 years
		80	18. 6 years or more
		0	19. Unknown
56	_		HIGHEST EDUCATION OF RESPONSIBLE ADULT FAMILY MEMBER Recode
		1	0. None; kindergarten only
		32	1. 1-8 years (elementary)
		38	2. 9-11 years (high school)
		174	12 years (high school graduate)
		136	4. 1-3 years (college)
		85	5. 4 years (college graduate)
		100	6. 5+ years (post-college)
		0	7. Unknown
			FAMILY INCOME 420 000 MODE OF LEGG
57	L-8		FAMILY INCOME \$20,000 MORE OR LESS
57	L-8	155	1. Less than \$20,000
57	L-8	155 403	

Tape Locations	Item No.	Frequency	Items and Codes
58-59	L-8		FAMILY INCOME
		0	00. Less than \$1,000
		1	01. \$ 1,000 - \$ 1,999
		1	02. 2,000 - 2,999
		5	03. 3,000 - 3,999
		8	04. 4,000 - 4,999
		11	05. 5,000 - 5,999
		12	06. 6,000 - 6,999
		1	07. 7,000 - 7,999
		7	08. 8,000 - 8,999
		3	09. 9,000 - 9,999
		11	10. 10,000 - 10,999
		9	11. 11,000 - 11,999
		17	12. 12,000 - 12,999
		8	13. 13,000 - 13,999
		9	14. 14,000 - 14,999
		11	15. 15,000 - 15,999
		8	16. 16,000 - 16,999
		6	17. 17,000 - 17,999
		7	18. 18,000 - 18,999
		7	19. 19,000 - 19,999
		52	20. 20,000 - 24,999
		33	21. 25,000 - 29,999
		45	22. 30,000 - 34,999
		33	23. 35,000 - 39,999
		35	24. 40,000 - 44,999
		26	25. 45,000 - 49,999
		137	26. \$50,000 and over
		63	27. Unknown
60	Recode		FAMILY INCOME RECODE
		15	0. Under \$5,000
		23	1. \$ 5,000 - \$ 6,999
		11	2. 7,000 - 9,999
		54	3. 10,000 - 14,999
		39	4. 15,000 - 19,999
		52	5. 20,000 - 24,999
		78	6. 25,000 - 34,999
		94	7. 35,000 - 49,999
		137	8. \$50,000 or more
		63	9. Unknown

Tape Locations	Item No.	Frequency	Items and Codes
61	Generated	l	NHIS POVERTY INDEX*
		492 53 21	 At or above poverty threshold Below poverty threshold Unknown
62-63			FAMILY RELATIONSHIP
62	A-2		Type of Family
		121	&. Primary individual
		3	Secondary individual
		442	0. Primary family
		0	1-9. Secondary family
63	A-2		Relationship to Reference Person
		115	&. Reference person, living alone
		245	 Reference person, 2+ persons in household
		175	 Spouse, other spouse NOT in Armed Forces and living at home
		1	2. Spouse, other spouse IN Armed Forces and living at home
		21	 Child of reference person or spouse
		0	4. Grandchild of reference persor or spouse
		5	5. Parent of reference person or spouse
		4	6. Other relative
		0	7. Child of military family with
		•	no eligible reference person
		0	9. Unknown

^{*}Based on family size, number of children under 18 years of age and family income using the poverty levels derived from the Current Population Survey issued in August of the prior year per survey.

DISABILITY PHASE II POLIO PUBLIC USE FILE

Tape Locations	Item No. Frequ	ency	Items and Codes
64	Recode		FAMILY RELATIONSHIP RECODE
		115	1. Living alone
		9	2. Living only with non-relative
		364	3. Living with spouse
		78	4. Living with relative - other
65-66	Generated		SIZE OF FAMILY*
			Unrelated individuals are coded 01
67	Generated		SIZE OF FAMILY RECODE
		5.66	1.0 27.1
		566	1-8. Number of members 9. 9+ members
		0	9. 9+ members
68	A-2		PARENT/OTHER ADULT RELATIVE (under 25 years old and never married)
		2	 Both parents, no other relative
		0	2. Mother only
		0	3. Father only
		0	4. Both parents and other 21+ year old adult relative
		0	5. Mother and other 21+ year old adult relative
		0	6. Father and other 21+ year old adult relative
		0	7. No parent, but one 21+ yea old adult relative
		0	8. No parent, but two or more 21+ year old adult relativ
		0	9. Unknown
		0	0. Other
		564	Blank. Not applicable (25+ years old or ever married)

*Count includes spouse in military but living at home.

Tape Locations	Item No.	Frequency	Items a	nd Codes
69	B-1 B-8		MAJOR A	CTIVITY (18+ years old)
		303	1.	Working
		120	2.	Keeping house
		8	3.	Going to school
		131	4.	
		4	5.	Unknown
		0	Blank.	Not applicable (Under 18 years)
70	G-4		HEALTH	STATUS
		116	1.	Excellent
		142	2.	
		163	3.	
		84	4.	Fair
		56	5.	Poor
		5	6.	Unknown
71	Recode		ACTIVIT	Y LIMITATION STATUS*- (all
		86	1.	Unable to perform major activity
		98	2.	
		66	3.	
		316	4.	Not limited (includes unknown
		310		
72	Recode		ACTIVIT	Y LIMITATION STATUS MEASURED LITY TO WORK" (18-69 years)
72	Recode		ACTIVIT	LITY TO WORK" (18-69 years)
72	Recode	94	ACTIVIT BY "ABI	LITY TO WORK" (18-69 years) Unable to work
72	Recode	94	ACTIVIT BY "ABI	LITY TO WORK" (18-69 years) Unable to work
72	Recode	94	ACTIVIT BY "ABI	Unable to work Limited in kind/amount of work
72	Recode	94 65	ACTIVIT BY "ABI 1. 2.	LITY TO WORK" (18-69 years) Unable to work Limited in kind/amount of work Limited in other activities
72	Recode	94 65 30	ACTIVIT BY "ABI 1. 2.	LITY TO WORK" (18-69 years) Unable to work Limited in kind/amount of work Limited in other activities Not limited (includes unknown)

^{*}This recode is used to categorize persons with limitation of activity in the Current Estimates tables.

Tape Locations	Item No.	Frequency	Items and Codes
73	B-11		LIMITATION OF SCHOOL ACTIVITIES
			(5-17 years)
		0	1. Unable to attend school
		0	 Attends special school/ classes
		0	3. Needs special school/
		0	4. Limited in school attendance
		0	5. Limited in other activities
		0	6. Not limited (includes unknowns
		566	Blank. Not applicable (Under 5 years or 18+ years)
74	B-14		NEEDS HELP WITH PERSONAL CARE (5-59 years old and limited, or age 60-69 years)*
		15	 Unable to perform personal care needs
		36	2. Limited in performing other routine needs
		181	3. Not limited in performing personal or routine needs
		5	4. Unknown
		329	Blank. Not applicable (Under 5 years; 5-59 years not limited; 70+ years

^{*}For persons 70+ years, use location 71 to analyze 'Needs Help With Personal Care'; codes 1 and 2 in location 71 correspond to codes 1 and 2 in location 74.

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)
		291 9	 Worked in past 2 weeks Did not work, has job; not on lay-off and not looking
		0	for work 3. Did not work, has job; looking for work
			Unemployed: (4-7)
		2	4. Did not work, has job; on lay-off
		0	5. Did not work, has job; on lay-off and looking for work
		3	6. Did not work, has job; unknown if looking or on lay-off
		8	7. Did not work, has no job; looking for work or on lay-off
			Not in Labor Force (18+ years): (8)
		253 0	8. Not in Labor Force (18+ years) Blank. Not applicable (Under 18 years

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Tape Locations	Item No.	Frequency	Items and Codes
76	L-6		CLASS OF WORKER
		253	0. Not in labor force
		189	1. Private company
		9	2. Federal Government employee
		20	3. State Government employee
		38	4. Local Government employee
		11	5. Incorporated business
		37	6. Self-employed
		0	7. Without pay
		1	8. Never worked
		8	9. Unknown
		0	Blank. Under 18
77-79	-		BLANK
80-81	Recode		INDUSTRY RECODE 1
			SEE APPENDIX B
82-83	Recode		INDUSTRY RECODE 2
			SEE APPENDIX B
84-86	-		BLANK
87-88	Recode		OCCUPATION RECODE 1
			SEE APPENDIX C
89-90	Recode		OCCUPATION RECODE 2
			SEE APPENDIX C

Tape Locations	Item No.	Frequency	Items and Codes
91	L-R		RESPONDENT
		435	1. Self-entirely
		25	2. Self-partly
		101	3. Proxy
		5	4. Unknown
92	Recode		CONDITION LIST ASSIGNED AND ASKED
		93	 Condition List 1, Skin and musculoskeletal
		0.2	
		93 81	 Condition List 2, Impairments Condition List 3, Digestive
		97	4. Condition List 4, Miscellaneous
		84	5. Condition List 5, Circulatory
		113	6. Condition List 6, Respiratory
		5	7. Unknown
93-94	G-5		HEIGHT WITHOUT SHOES (18+ years)
		13	58. 58 inches or less
		543	59-76. Number of inches
		6	77. 77 inches or more
		4	99. Unknown
		0	Blank. Under 18 years of age
95-97	G-5		WEIGHT WITHOUT SHOES (18+ years)
		10	098. 98 pounds or less
		532	099-284. Number of pounds
		24	285. 285 pounds or more
		0	999. Unknown
		0	Blank. Under 18 years of age
98-99	Recode		TOTAL RESTRICTED ACTIVITY DAYS IN PAST TWO WEEKS
		166	00 None
		466 100	00. None 01-14. Days
		100	or it. Days

Tape Locations	Item No.	Frequency	Items and Codes
100-101	D-4		BED DAYS IN PAST TWO WEEKS
		520 46	00. None 01-14. Days
102-103	D-2		WORK-LOSS DAYS IN PAST TWO WEEKS
		546 20	00. None 01-14. Days
104-105	D-3		SCHOOL-LOSS DAYS IN PAST TWO WEEKS
		566 0	00. None 01-14. Days
106-107	D-6		OTHER DAYS OF RESTRICTED ACTIVITY IN
		509 57	00. None 01-14. Days
108-110	G-2		BED DAYS IN PAST 12 MONTHS
		313 245 8	000. None 001-365. 1-365 days 366. Unknown
111	Recode		BED DAYS IN PAST 12 MONTHS - Recode
		313 154 56 22 13	 None 1-7 days 8-30 days 31-180 days 181-365 days Unknown

Tape Locations	Item No. Freq	uency	Items and Codes
112-114	G-3		DOCTOR VISITS IN PAST 12 MONTHS
		83 481 0 2	000. None 001-996. Visits 997. 997+ visits 998. Unknown
115	G-3		INTERVAL SINCE LAST DOCTOR VISIT
		0 485 23 34 13	 Never Less than 1 year 1 to less than 2 years 2 to less than 5 years 5 years or more 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
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*

^{*}Based on Operation codes and reason entered hospital.

Tape		
Locations	Item No. Frequency	Items and Codes
132-133	Generated	NUMBER OF SHORT-STAY HOSPITAL DISCHARGES IN PAST 6 MONTHS
134-136	Generated	NUMBER OF DAYS IN SHORT-STAY HOSPITA 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
	3 21 21 20 464 7 30	 Less than 1 year 1 yr., less than 5 yrs. 5 yrs., less than 10 yrs. 10 yrs., less than 15 yrs. 15 years or more Unknown Blank. Not applicable (Foreign-born
145	L-9c	YEARS LIVED IN UNITED STATES
	0 1 2 2 24 1 536	 Less than 1 year 1 yr., less than 5 yrs. 5 yrs., less than 10 yrs. 10 yrs., less than 15 yrs. 15 years or more Unknown Blank. Not applicable (U.S. born)
146-171	-	BLANK
172-177		FINAL QUARTER BASIC WEIGHT BEFORE AGE-SEX-RACE(-ETHNICITY) ADJUSTMENT (has one implied decimal)

^{*}Based on Operation codes and reason entered hospital.

Tape			
Locations	Item No. Freque	ncy	Items and Codes
178	НН-5		SAMPLING QUARTER
		146	1. Quarter 1
		136	2. Quarter 2
		128	3. Quarter 3
		156	4. Quarter 4
179-181	-		BLANK
182	Unit Control File		REGION
		87	1. Northeast
		169	2. Midwest
		174	3. South
		136	4. West
183	Unit Control File		GEOGRAPHIC DISTRIBUTION
	1110		MSA Size
		329	1. 1,000,000 or more
		96	2. 250,000 - 999,999
		26	6. 100,000 - 249,999
		6	7. Under 100,000
		109	Blank. Non-MSA
184-185	-		BLANK
186	Unit Control		MSA - NON-MSA RESIDENCE
	File		
		135	1. In MSA; in Central City
		251	2. In MSA; not in Central City
		180	3. Not in MSA
187-189	_		BLANK
190-200	-		CHRONIC CONDITION PREVALENCE AND INCIDENCE FACTOR (XX.XXXXXXXX) - character format with implied decima
201-206	-		FINAL ANNUAL BASIC WEIGHT
207-227			BLANK

1994-1995 NATIONAL HEALTH INTERVIEW SURVEY DISABILITY PHASE II POLIO PUBLIC USE FILE

Tape Locations Item No. Frequency Items and Codes 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 QUARTER, SEMI-ANNUAL AND ANNUAL* 255-263 -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 QUARTER 300-308 -309-317 -SEMI-ANNUAL 318-326 ANNUAL

^{*}Estimates can be made for these periods depending on whether one quarter, two quarters or all four quarters of records are used.

	5
STAY HOSPITAL H	
336-344 - BLANK	ED NUMBER OF SHORT- EPISODES IN PAST
345-348 Recode POLIO STRATUM	
349 Recode POLIO PSU	
350-388 - BLANK	
389 Recode MODE OF INTERVI	IEW
145 1. Telephone 401 2. Personal Vi 20 8. Not ascerta	
390 Recode RESPONDENT	
537 1. Self	
21 2. Proxy	
8 8. Not ascerta	ained
391 Recode REASON FOR PROX	XY
5 1. SP inca	apable
	titutionalized
	vailable
5 4. Other	
	certained
545 Blank. NA; not	t a proxy

1994-1995 NATIONAL HEALTH INTERVIEW SURVEY DISABILITY PHASE II POLIO PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
(392-395)	-		MONTH AND YEAR OF DFS INTERVIEW
392-393			DOI Month
		566 0	01-12. Month of Interview 99. Unknown
394-395			DOI Year
		566	94-97. Year of Interview
396-398	Generated	-	LENGTH OF TIME BETWEEN INTERVIEWS (DAYS)
399-400	Generated		AGE AT FOLLOWBACK INTERVIEW
		552 14	01-84. Number of years 85. 85+ years of age
401-403	-		BLANK
404-405	2		YEAR POLIO STARTED
		9	12. 1912 and before
		512	13-95. 1913-1995
		3	98. Not ascertained
		42	99. DK or refused

Tape Locations	Item No.	Frequency	Items and Codes
406-407	3		MONTH POLIO STARTED
		10	01. January
		10	02. February
		12	03. March
		10	04. April
		11	05. May
		53	06. June
		50	07. July
		63	08. August
		51	09. September
		22	10. October
		8	11. November
		11	12. December
		1	98. Not ascertained
		254	99. DK or refused
408-409	4		AGE WHEN DIAGNOSED WITH
100 109	1		POLIO (RECODE)
		53	00. Less than 1 year
		447	01-84. Number of years
		0	85. 85+ years
		0	97. Unknown months
		0	98. Unknown years
		66	99. DK, refused, not ascertained
(410-415)	(4a-f)		SYMPTOMS EXPERIENCED FIRST
(110 110)	(10. 1)		2 WEEKS YOU HAD POLIO:
410	a		FEVER
		331	1. Yes
		39	2. No
		0	8. Not ascertained
		196	9. DK or refused

Tape Locations	Item No.	Frequency	Items and Codes	
(410-415)	(4a-f)		SYMPTOMS EXPERIENCED FIRST TWO WEEKS YOU HAD POLIO: - Continued	
411	b		HEADACHE	
		209 50 1 306	 Yes No Not ascertained DK or refused 	
412	С		STIFF NECK	
		224 75 0 267	 Yes No Not ascertained DK or refused 	
413	d		DIARRHEA	
		37 144 1 384	 Yes No Not ascertained DK or refused 	
414	е		MUSCLE PAINS	
		294 45 0 227	 Yes No Not ascertained DK or refused 	
415	f		SKIN RASH	
		27 192 0 347	 Yes No Not ascertained DK or refused 	

Tape Locations	Item No.	Frequency	Items and Codes
(416-424)	(5a-i)		PART OF BODY WEAKENED IN FIRST MONTH HAD POLIO:
416	a		RIGHT ARM OR HAND
		125 242 0 199	 Yes No Not ascertained DK or refused
417	b		LEFT ARM OR HAND
		130 241 0 195	 Yes No Not ascertained DK or refused
418	С		RIGHT LEG OR FOOT
		268 144 0 154	 Yes No Not ascertained DK or refused
419	d		LEFT LEG OR FOOT
		279 134 1 152	 Yes No Not ascertained DK or refused
420	е		SWALLOWING MUSCLES
		89 230 1 246	 Yes No Not ascertained DK or refused

Tape			
Locations	Item No.	Frequency	Items and Codes
(416-424)	(5a-i)		PART OF BODY WEAKENED IN
			FIRST MONTH HAD POLIO: - Continued
421	f		FACE MUSCLES
		56	1. Yes
		271	2. No
		0	8. Not ascertained
		239	9. DK or refused
422	g		NECK MUSCLES
		128	1. Yes
		215	2. No
		0	8. Not ascertained
		223	9. DK or refused
423	h		BREATHING MUSCLES
		71	1. Yes
		276	2. No
		0	8. Not ascertained
		219	9. DK or refused
424	i		BACK OR STOMACH MUSCLES
		150	1. Yes
		192	2. No
		0	8. Not ascertained
		224	9. DK or refused
425	6		DIFFICULTY PASSING URINE
125	-		DURING FIRST MONTH OF
			ILLNESS
		32	1. Yes
		206	2. No
		2	8. Not ascertained
		326	9. DK or refused

Tape Locations	Item No.	Frequency	Items and Codes
426	7		HOSPITALIZED AT TIME OF POLIO DIAGNOSIS
		269	1. Yes
		256	2. No
		1	8. Not ascertained
		40	9. DK or refused
427	8		SPINAL TAP AT TIME OF DIAGNOSIS
		138	1. Yes
		31	2. No
		0	8. Not ascertained
		100	9. DK or refused
		297	Blank. NA; No/DK if was admitted
			to hospital when first diagnosed with polio
428	9		BREATHING PROBLEMS AT TIME OF DIAGNOSIS
		81	1. Yes
		306	2. No
		2	8. Not ascertained
		177	9. DK or refused
429	10		NEEDED HELP WITH BREATHING
		35	1. Yes
		41	2. No
		0	8. Not ascertained
		5	9. DK or refused
		485	Blank. NA; No/DK if experienced problems with breathing when diagnosed with polio

DISABILITY PHASE II POLIO PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items a	and Codes
(430-432)	11		KIND OF NEEDED	BREATHING HELP
430				NAL ASSISTANCE HAND HELD DEVICE
		0 34 0 1 531	1. 2. 8. 9. Blank.	Mentioned Not mentioned No answer to entire question DK or refused (entire questi NA; No/DK if experienced problems with breathing when diagnosed with polio; No/DK if require help with breathing
431			_	CAL VENTILATION JUNG OR RESPIRATOR)
		29 5 0 1 531	1. 2. 8. 9. Blank.	Mentioned Not mentioned No answer to entire question DK or refused (entire questi NA; No/DK if experienced problems with breathing when diagnosed with polio; No/DK if require help with breathing
432			SOMETHI	NG ELSE
		5 29 0 1 531	1. 2. 8. 9. Blank.	Mentioned Not mentioned No answer to entire question DK or refused (entire questi NA; No/DK if experienced problems with breathing when diagnosed with polio; No/DK if require help with breathing

Tape Locations	Item No.	Frequency	Items and Codes	
433	12a		REHABILITATION MONTH AFTER	
			DIAGNOSIS OF POLIO	
		295	1. Yes	
		199	2. No	
		1	8. Not ascertained	
		71	9. DK or refused	
434-436	-		BLANK	
437-438	Recode		LENGTH OF TIME REHABILITATION LASTED (RECODE)	
		119	00. Less than 1 year	
		124	01-84. Number of years	
		0	85. 85+ years	
		1	97. Unknown months	
		1	98. Unknown years	
		50	99. DK, refused, not ascertained	
		271	Blank. NA; No/DK if went through a period of rehabilitation	
(439-451)	(13a-m)		WEAKNESS TWO MONTHS AFTER DIAGNOSIS OF POLIO:	
439	a		RIGHT HIP/THIGH AND KNEE	
		102	1. Not weakened	
		33	2. Mildly weakened	
		49	3. Moderately weakened	
		45	4. Severely weakened	
		24	5. Completely paralyzed	
		0	8. Not ascertained	
		42	9. DK or refused	
		271	Blank. NA; No/DK if went through a period of rehabilitation	
440	b		RIGHT CALF/ANKLE AND FOOT	
		99	1. Not weakened	
		35	2. Mildly weakened	
		43	3. Moderately weakened	
		45	4. Severely weakened	
		27	5. Completely paralyzed	
		1	8. Not ascertained	
		45	9. DK or refused	
		271	Blank. NA; No/DK if went through a period of rehabilitation	

Tape Locations	Item No.	Frequency	Items and Codes
(439-451)	(13a-m)		WEAKNESS TWO MONTHS AFTER DIAGNOSIS OF POLIO: - Continued
441	С		LEFT HIP/THIGH AND KNEE
440		87 33 55 48 32 2 38 271	1. Not weakened 2. Mildly weakened 3. Moderately weakened 4. Severely weakened 5. Completely paralyzed 8. Not ascertained 9. DK or refused Blank. NA; No/DK if went through a period of rehabilitation
442	d	86 29 53 50 34 1 42 271	1. Not weakened 2. Mildly weakened 3. Moderately weakened 4. Severely weakened 5. Completely paralyzed 8. Not ascertained 9. DK or refused Blank. NA; No/DK if went through a period of rehabilitation

Tape Locations	Item No.	Frequency	Items and Codes
(439-451)	(13a-m)		WEAKNESS TWO MONTHS AFTER DIAGNOSIS OF POLIO: - Continued
443	е		RIGHT SHOULDER/UPPER ARM AND ELBOW
		151 26 27 22 15 1 53 271	 Not weakened Mildly weakened Moderately weakened Severely weakened Completely paralyzed Not ascertained DK or refused Blank. NA; No/DK if went through a period of rehabilitation
444	f	163 22 22 21 12 2 53 271	1. Not weakened 2. Mildly weakened 3. Moderately weakened 4. Severely weakened 5. Completely paralyzed 8. Not ascertained 9. DK or refused Blank. NA; No/DK if went through a period of rehabilitation

Tape Locations	Item No.	Frequency	Items and Codes
(439-451)	(13a-m)		WEAKNESS TWO MONTHS AFTER DIAGNOSIS OF POLIO: - Continued
445	g		LEFT SHOULDER/UPPER ARM AND ELBOW
		157 29 27 21 15 1 45 271	 Not weakened Mildly weakened Moderately weakened Severely weakened Completely paralyzed Not ascertained DK or refused Blank. NA; No/DK if went through a period of rehabilitation
446	h	163 23 28 18 15 1 47 271	1. Not weakened 2. Mildly weakened 3. Moderately weakened 4. Severely weakened 5. Completely paralyzed 8. Not ascertained 9. DK or refused Blank. NA; No/DK if went through a period of rehabilitation

Tape Locations	Item No.	Frequency	Items and Codes
(439-451)	(13a-m)		WEAKNESS TWO MONTHS AFTER DIAGNOSIS OF POLIO: - Continued
447	i		BREATHING MUSCLES
		180 23 15 9 7 1 60 271	 Not weakened Mildly weakened Moderately weakened Severely weakened Completely paralyzed Not ascertained DK or refused Blank. NA; No/DK if went through a period of rehabilitation
448	j		SWALLOWING MUSCLES
		190 16 11 7 3 2 66 271	 Not weakened Mildly weakened Moderately weakened Severely weakened Completely paralyzed Not ascertained DK or refused Blank. NA; No/DK if went through a period of rehabilitation
449	k		FACE MUSCLES
		199 13 11 3 3 2 64 271	 Not weakened Mildly weakened Moderately weakened Severely weakened Completely paralyzed Not ascertained DK or refused Blank. NA; No/DK if went through a period of rehabilitation

Tape Locations	Item No.	Frequency	Items and Codes
(439-451)	(13a-m)		WEAKNESS TWO MONTHS AFTER DIAGNOSIS OF POLIO: - Continued
450	1		BACK MUSCLES
		113 40 40 30 12 1 59 271	 Not weakened Mildly weakened Moderately weakened Severely weakened Completely paralyzed Not ascertained DK or refused Blank. NA; No/DK if went through a period of rehabilitation
451	m	156 21 10 20 11 1 76 271	1. Not weakened 2. Mildly weakened 3. Moderately weakened 4. Severely weakened 5. Completely paralyzed 8. Not ascertained 9. DK or refused Blank. NA; No/DK if went through a period of rehabilitation
452	14	68 58 30 73 25 9 8 295	HOW WELL COULD WALK TWO MONTHS AFTER GETTING POLIO 1. Walk without a limp 2. Walk with a limp 3. Unable to walk without leg braces 4. Unable to walk at all 5. Can't remember 8. Not ascertained 9. DK or refused Blank. NA; No/DK if went through a period of rehabilitation polio onset under age 1

Tape Locations	Item No.	Frequency	Items a	and Codes
(453-460)	15		THERAPY	SES OR PHYSICAL T DONE DURING LITATION
453			STRETCH	HING EXERCISES
		16 149 91 9 6 295	0. 1. 2. 8. 9. Blank.	DK or refused (entire quest
454			MASSAGE	C/HEAT
		16 125 115 9 6 295	0. 1. 2. 8. 9. Blank.	Not mentioned No answer to entire questio
455			YOGA	
		16 2 238 9 6 295	0. 1. 2. 8. 9. Blank.	No answer to entire question

Tape ocations	Item No.	Frequency	Items a	and Codes
450 460)				
453-460)	15			SES OR PHYSICAL
				I DONE DURING LITATION - Continued
			KEHABII	ITATION - Continued
456			SWIMMIN	lG
		16	0.	No exercise or
				physical therapy
		44	1.	
		196	2.	Not mentioned
		9	8.	No answer to entire questi
		6	9.	
		295	Blank.	-
				period of rehabilitation;
				polio onset under age 1
457			WEIGHT	LIFTING/
437			MEDICIN	NE BALL
		16	0.	No exercise or
				physical therapy
		25	1.	
		215	2.	Not mentioned
		9	8.	No answer to entire question
		6	9.	
		295	Blank.	
				period of rehabilitation;
				polio onset under age 1
458			PUSH-UI	PS/PULL-UPS
		16	0.	No exercise or
				physical therapy
		26	1.	Mentioned
		214	2.	Not mentioned
		9	8.	No answer to entire question
		6	9.	DK or refused (entire ques
		295	Blank.	NA; No/DK if went through
			·· ·	period of rehabilitation;
				polio onset under age 1

Tape Locations	Item No.	Frequency	Items a	and Codes
(453-460)	15			SES OR PHYSICAL
				/ DONE DURING LITATION - Continued
459			OTHER	
		16	0.	No exercise or physical therapy
		62	1.	Mentioned
		178	2.	Not mentioned
		9	8.	
		6	9.	
		295	Blank.	-
				polio onset under age 1
460			TOO YOU	JNG TO REMEMBER
		16	0.	No exercise or
			_	physical therapy
		53	1.	Mentioned
		187	2.	Not mentioned
		9 6	8. 9.	No answer to entire question DK or refused (entire question)
		295	Blank.	NA; No/DK if went through a
		273	brank.	period of rehabilitation;
				polio onset under age 1
4.6.1	1.6			IOV OF EVEDOTORS
461	16			NCY OF EXERCISES REHABILITATION
		188	1.	Regularly
		7	2.	Occasionally
		2	8.	Not ascertained
		43	9.	DK or refused
		326	Blank.	NA; No/DK if went through a period of rehabilitation; polio onset under age 1

Tape Locations	Item No.	Frequency	Items and Codes
462-463	17		NUMBER OF YEARS CONTINUED PHYSICAL THERAPY/EXERCISE
		58 126 0 0 11 371	00. Less than 1 year 01-84. 1-84 years 85. 85+ years 98. Not ascertained 99. DK or refused Blank. NA; No/DK if went through a period of rehabilitation; polio onset under age 1; DK how often did physical therapy or exercise to strengthen or stretch muscles
464	18		OPERATIONS TO CORRECT LIMITATION OR WEAKNESS (Had rehabilitation; polio onset Under age 1 OR polio onset over age 1 and had physical therapy or exercise regularly or occasionally.)
		42 175 0 2 347	1. Yes 2. No 8. Not ascertained 9. DK or refused Blank. NA

Tape Locations	Item No.	Frequency	Items and Codes
(465-476)	19		SURGICAL PROCEDURES AND AGE:
465-466			AGE AT TIME OF FIRST OPERATION (Had surgery during rehabilitation to correct limitation caused by polio; had exercise or physical therapy regularly or occasionally? 18=yes.)
		35 0 7 0 524	01-84. 1-84 years old 85. 85+ years old 98. Not ascertained 99. DK or refused Blank. NA
467-468			FIRST SURGICAL PROCEDURE PERFORMED
		1	00. Operation, type and site unknown
		34 7	01-86. HIS surgery codes 99. Unknown surgical procedure, not ascertained
		524	Blank. NA

Tape Locations	Thom No	Enoguengu	Items and Codes
LOCALIONS	item No.	Frequency	Ttellis and Codes
(465-476)	19		SURGICAL PROCEDURES AND AGE: - Continued
469-470			AGE AT TIME OF SECOND OPERATION (Had surgery during rehabilitation to correct limitatio caused by polio; had exercise or physical therapy regularly or occasionally? 18=yes.)
		17 0 1 0 548	01-84. 1-84 years old 85. 85+ years old 98. Not ascertained 99. DK or refused Blank. NA
471-472			SECOND SURGICAL PROCEDURE PERFORMED
		1	00. Operation, type and site unknown
		16 1	01-86. HIS surgery codes 99. Unknown surgical procedure, not ascertained
		548	Blank. NA

Tape			
Locations	Item No.	Frequency	Items and Codes
(465-476)	19		SURGICAL PROCEDURES AND AGE: - Continued
473-474			AGE AT TIME OF THIRD OPERATION (Had surgery during rehabilitation to correct limitatic caused by polio; had exercise or physical therapy regularly or occasionally? 18=yes.)
		10 0 1 0 555	01-84. 1-84 years old 85. 85+ years old 98. Not ascertained 99. DK or refused Blank. NA
475-476			THIRD SURGICAL PROCEDURE PERFORMED
		1 10 0 555	00. Operation, type and site unknown 01-86. HIS surgery codes 99. Unknown surgical procedure, not ascertained Blank. NA
(477-480)	20		AGE AT PHYSICAL BEST AFTER HAVING POLIO
		14 73	9988. Never had a physical best 9999. DK or refused
477-478			FIRST AGE GIVEN
		431 0 135	01-84. 1-84 years 85. 85+ years old 99. Unknown, not ascertained
479-480			SECOND AGE GIVEN
		476 1 14 75	01-84. 1-84 years 85. 85+ years old 88. Never had a physical best 99. Unknown, not ascertained

Tape Locations	Item No.	Frequency	Items and Codes
481	21		DISABILITY AT PHYSICAL BEST AFTER HAVING POLIO
		143	1. No disability
		96	 No noticeable disability
		127	3. Mild disability
		67	4. Moderate disability
		26	5. Severe disability
		14	8. Not ascertained
		6	9. DK or refused
		87	Blank. NA; Never/DK had a
			physical best
482	22		WALK AT PHYSICAL BEST AFTER
			HAVING POLIO
		162	1. Walk without a limp
		123	2. Walk with a limp
		24	3. Unable to walk without leg braces/assistive devices
		6	4. Unable to walk at all
		4	5. Can't remember
		14	8. Not ascertained
		3	9. DK or refused
		230	Blank. NA; Never/DK had a
			physical best; No
			disability

Tape Locations	Item No.	Frequency	Items a	and Codes
483	23		PHYSICA	RTHEST COULD WALK AT AL BEST WITHOUT EVE DEVICES AND WITHOUT IG
		2 7 21 28 228 14 6 260	1. 2. 3. 4. 5. 8. 9. Blank.	the street Walk around the block Walk a mile or more Not ascertained DK or refused
484	24			LEG BRACE OR ASSISTIVE DEVICE RTHEST COULD WALK WITHOUT IG
		3 20 32 13 19 12 464	1. 2. 3. 4. 5. 8. 9. Blank.	Could not walk(without device stopping) Walk across a room Walk up and down the street Walk around the block Walk a mile or more Not ascertained DK or refused NA; Never/DK had a physical best; No disability; unable to walk at all; could walk a mile or more

Tape Locations	Item No.	Frequency	Items and Codes
485	25		HOW WELL COULD YOU CLIMB STAIRS
		175	 Easily without a railing
		132	2. Climb by using a railing
		3	3. Could not climb
		14	8. Not ascertained
		3	9. DK or refused
		239	Blank. NA; Never had a physical best; No disability; unable to/couldn't walk at all
486	26		HOW EASILY WOULD YOU TIRE AT YOUR PHYSICAL BEST
		10	1. Very easily during day
		33	2. Easily during day
		66	3. Slowly during day
		197	4. After exercise or
		·	before bedtime
		14	8. Not ascertained
		16	9. DK or refused
		230	Blank. NA; Never/DK had a physica best; No disability

Tape Locations	Item No.	Frequency	Items a	and Codes
(487-500)	(27a-n)			ASSISTIVE DEVICES E DURING PHYSICAL BEST:
487	a		CANE	
		29	1.	Yes
		290	2.	No
		15	8.	Not ascertained
		2	9.	
		230	Blank.	
488	b		CRUTCHE	ES .
		36	1.	Yes
		283	2.	No
		14	8.	Not ascertained
		3	9.	DK or refused
		230	Blank.	
489	С		WALKER	
		7	1.	Yes
		312	2.	No
		15	8.	Not ascertained
		2	9.	DK or refused
		230	Blank.	
490	d		WHEELCH	HAIR/ELECTRIC CART
		18	1.	Yes
		301	2.	
		15	8.	
		2	9.	
		230	Blank.	

Tape Locations	Item No.	Frequency	Items a	nd Codes
(487-500)	(27a-n)		USE OF A	ASSISTIVE DEVICES
			ANYTIME	DURING PHYSICAL
			BEST: -	Continued
491	е		LEFT LE	G BRACE
		31	1.	Yes
		287	2.	No
		15		Not ascertained
		3		DK or refused
		230	Blank.	NA; Never/DK had a physical best; No disability
492	f		RIGHT L	EG BRACE
		30	1.	Yes
		288	2.	No
		15	8.	Not ascertained
		3	9.	DK or refused
		230	Blank.	NA; Never/DK had a physical best; No disability
493	g		LEFT AR	M SPLINT/BRACE
		3	1.	Yes
		315	2.	No
		15	8.	Not ascertained
		3	9.	DK or refused
		230	Blank.	NA; Never/DK had a physical best; No disability
494	h		LEFT HA	ND SPLINT/BRACE
		3	1.	Yes
		315	2.	No
		15	8.	Not ascertained
		3	9.	DK or refused
		230	Blank.	NA; Never/DK had a physical best; No disability
495	i		RIGHT A	RM SPLINT/BRACE
		6	1.	Yes
		312	2.	No
		15	8.	Not ascertained
		3	9.	DK or refused
		230	Blank.	NA; Never/DK had a physical best; No disability

Tape Locations	Item No.	Frequency	Items and Codes
(487-500)	(27a-n)		USE OF ASSISTIVE DEVICES
			ANYTIME DURING PHYSICAL BEST: - Continued
496	j		RIGHT HAND SPLINT/BRACE
		8	1. Yes
		309	2. No
		16	8. Not ascertained
		3	9. DK or refused
		230	Blank. NA; Never/DK had a physic best; No disability
497	k		BREATHING AIDS
		3	1. Yes
		313	2. No
		17	8. Not ascertained
		3	9. DK or refused
		230	Blank. NA; Never/DK had a physic best; No disability
498	1		BACK BRACE/CORSET
		23	1. Yes
		294	2. No
		16	8. Not ascertained
		3	9. DK or refused
		230	Blank. NA; Never/DK had a physic best; No disability
499	m		SPECIAL SHOE(S) OR SHOE LIFTS
		83	1. Yes
		234	2. No
		16	8. Not ascertained
		3	9. DK or refused
		230	Blank. NA; Never/DK had a physic best; No disability
500	n		ANOTHER TYPE OF DEVICE
		5	1. Yes
		312	2. No
		17	8. Not ascertained
		2	9. DK or refused
		230	Blank. NA; Never/DK had a physic best; No disability

Tape Locations	Item No.	Frequency	Items a	nd Codes
(501-513)	(28a-m)		WEAKNES	S AT TIME OF
			PHYSICA	L BEST:
501	a		RIGHT H	IP/THIGH AND KNEE
		175	1.	Not weakened
		71	2.	Mildly weakened
		49	3.	Moderately weakened
		11	4.	Severely weakened
		10	5.	Completely paralyzed
		15	8.	Not ascertained
		5	9.	DK or refused
		230	Blank.	NA; Never/DK had a physical best; No disability
502	b		RIGHT C	ALF/ANKLE AND FOOT
		176	1.	Not weakened
		65	2.	Mildly weakened
		42	3.	Moderately weakened
		20	4.	Severely weakened
		11	5.	
				Completely paralyzed
		16	8.	Not ascertained
		6	9.	DK or refused
		230	Blank.	NA; Never/DK had a physica best; No disability
503	С		LEFT HI	P/THIGH AND KNEE
		183	1.	Not weakened
		66	2.	Mildly weakened
		41	3.	Moderately weakened
		16	4.	Severely weakened
		9	5.	-
				Completely paralyzed
		17	8.	Not ascertained
		4	9.	DK or refused
		230	Blank.	NA; Never/DK had a physica best; No disability
504	d		LEFT CA	LF/ANKLE AND FOOT
		181	1.	Not weakened
		61	2.	Mildly weakened
				-
		39	3.	Moderately weakened
		22	4.	Severely weakened
		11	5.	Completely paralyzed
		16	8.	Not ascertained
		6	9.	DK or refused
		230	Blank.	NA; Never/DK had a physica best; No disability

Tape Locations	Item No.	Frequency	Items and Codes
(501-513)	(28a-m)		WEAKNESS AT TIME OF
			PHYSICAL BEST: - Continued
505	е		RIGHT SHOULDER/UPPER ARM
			AND ELBOW
		245	1. Not weakened
		32	 Mildly weakened
		23	 Moderately weakened
		10	4. Severely weakened
		4	5. Completely paralyzed
		16	8. Not ascertained
		6	9. DK or refused
		230	Blank. NA; Never/DK had a physic
			best; No disability
506	f		RIGHT FOREARM/WRIST AND HAND
		252	1. Not weakened
		33	 Mildly weakened
		16	 Moderately weakened
		10	4. Severely weakened
		4	5. Completely paralyzed
		16	8. Not ascertained
		5	9. DK or refused
		230	Blank. NA; Never/DK had a physic best; No disability
507	g		LEFT SHOULDER/UPPER ARM AND
			ELBOW
		246	1. Not weakened
		34	2. Mildly weakened
		20	 Moderately weakened
		11	4. Severely weakened
		3	5. Completely paralyzed
		16	8. Not ascertained
		6	9. DK or refused
		230	Blank. NA; Never/DK had a physic
			best; No disability
508	h		LEFT FOREARM/WRIST AND HAND
		249	1. Not weakened
		35	2. Mildly weakened
		18	Moderately weakened
		10	4. Severely weakened
		2	5. Completely paralyzed
		17	8. Not ascertained
		5	9. DK or refused
		230	Blank. NA; Never/DK had a physic
			best; No disability

Tape Locations	Item No.	Frequency	Items a	and Codes
(501-513)	(28a-m)		WEAKNES	SS AT TIME OF
			PHYSICA	AL BEST: - Continued
509	i		BREATHI	NG MUSCLES
		277	1.	Not weakened
		22	2.	Mildly weakened
		10	3.	
		1	4.	
		1	5.	
		16	8.	
		9	9.	
		230	Blank.	NA; Never/DK had a physica best; No disability
510	j		SWALLOW	VING MUSCLES
		280	1.	Not weakened
		17	2.	Mildly weakened
		11	3.	-
		1	4.	
		_		
		0	5.	1 1 1
		16	8.	
		11	9.	
		230	Blank.	NA; Never/DK had a physica best; No disability
511	k		FACE MU	JSCLES
		296	1.	Not weakened
		8	2.	
		7	3.	Moderately weakened
		1	4.	Severely weakened
		0	5.	
				Completely paralyzed Not ascertained
		17	8.	
		7	9.	DK or refused
		230	Blank.	NA; Never/DK had a physica best; No disability
512	1		BACK MU	JSCLES
		206	1.	Not weakened
		62	2.	Mildly weakened
		32	3.	Moderately weakened
		10	4.	Severely weakened
		1	5.	Completely paralyzed
		17	8.	Not ascertained
		8	9.	DK or refused
		230	Blank.	NA; Never/DK had a physica best; No disability

Tape		_	
Locations	Item No.	Frequency	Items and Codes
(501-513)	(28a-m)		WEAKNESS AT TIME OF
			PHYSICAL BEST: - Continued
513	m		STOMACH MUSCLES
		262	1. Not weakened
		24	2. Mildly weakened
		14	 Moderately weakened
		7	4. Severely weakened
		0	 Completely paralyzed
		18	8. Not ascertained
		11	9. DK or refused
		230	Blank. NA; Never/DK had a physical best; No disability
514-516	29		BODY WEIGHT AT PHYSICAL
			BEST
		373	099-285. 99-285 pounds
		32	996. Not available - extreme
			values
		21	998. Not ascertained
		53	999. DK or refused
		87	Blank. NA; Never/DK had a physical best
517-520	Recode		WEIGHT DURING PHYSICAL BEST
			(RECODE - KILOGRAMS)
		373	0449-1293. 044.9 - 129.3 weight in
			kilograms
		32	9996. Not available - extreme
			values
		74	9999. DK or unknown
		87	Blank. NA; Never/DK had a physica best; DK/refused if had physical best
521	30		STILL AT PHYSICAL BEST AT PRESENT TIME
		129	1. Yes
		332	2. No
		16	8. Not ascertained
		2	9. DK or refused
		87	Blank. NA; Never/DK had a physical

Tape Locations	Item No.	Frequency	Items and Codes
522	31		EXPERIENCED DECREASE IN ABILITY TO PERFORM ROUTINE ACTIVITIES
		115 124 91 17 3 216	 Yes, decreased some Yes, decreased a lot No, no decrease Not ascertained DK or refused Blank. NA; Never/DK had a physical
			best; Still at physical best
523	32		WEIGHT AFTER TIME OF PHYSICAL BEST
		260 33 38 17 2 216	 More Less About the same Not ascertained DK or refused Blank. NA; Never/DK had a physical best; Still at physical best
524-526	33		POUNDS GAINED/LOST
		119 158 16 273	050-500. 50-500 pounds 998. Not ascertained 999. DK or refused Blank. NA; Never/DK had a physical best; Still at physical best DK/weight about the same
527-530	Recode		WEIGHT GAINED/LOST SINCE TIME OF PHYSICAL BEST (RECODE - KILOGRAMS)
		119 174	0227-2268. 022.7 - 226.8 weight in kilograms 9999. DK or unknown
		273	Blank. NA; Never/DK had a physical best; DK/refused if had physical best; Still at physical best; Weight about the same; DK/refused if weight changed

Tape	T.L	D	Thems and Gall
Locations	Item No.	Frequency	Items and Codes
531	34		HAD ANY INJURIES SINCE
			TIME OF PHYSICAL BEST:
		105	1. Yes
		182	2. No
		62	8. Not ascertained
		1	9. DK or refused
		216	Blank. NA; Never/DK had a physical
		210	best; Still at physical best
[532-551)	35		KIND OF INJURIES AND AGE
			AT TIME OF INJURY:
532-533			AGE AT TIME OF FIRST INJURY
		95	01-84. 1-84 years old
		3	85. 85+ years old
		7	98. Not ascertained
		0	99. DK or refused
		461	Blank. NA; Never/DK had a physical
			best; Still at physical best
			No/DK if had any severe
			injuries that limited your
			daily activities
534-536			KIND OF INJURY (1st injury)
		102	800-999. ICD Injury Codes
		3	799. DK kind of injury;
			not ascertained
		461	Blank. NA; Never/DK had a physica
		101	best; Still at physical be
			No/DK if had any severe
			injuries that limited your
			daily activities
537-538		42	AGE AT TIME OF SECOND INJURY 01-84. 1-84 years old
			2
		1	85. 85+ years old
		4	98. Not ascertained
		0	99. DK or refused
		519	Blank. NA; Never/DK had a physical
			best; Still at physical best
			No/DK if had any severe
			injuries that limited your
			daily activities
539-541			KIND OF INJURY (2nd injury)
		47	800-999. ICD Injury Codes
		0	799. DK kind of injury;
			not ascertained
		519	Blank. NA; Never/DK had a physica
			best; Still at physical be
			No/DK if had any severe
			injuries that limited your
			daily activities
			ually activities

Tape Locations	Item No.	Frequency	Items and Codes
(532-551)	35		KIND OF INJURIES AND AGE
(332 331)	33		AT TIME OF INJURY: -
			Continued
542-543			AGE AT TIME OF THIRD INJURY
		21	01-84. 1-84 years old
		0	85. 85+ years old
		2	98. Not ascertained
		0	99. DK or refused
		543	Blank. NA; Never/DK had a physical
			best; Still at physical best;
			No/DK if had any severe
			injuries that limited your
			daily activities
544-546			KIND OF INJURY (3RD INJURY)
		22	800-999. ICD Injury Codes
		1	799. DK kind of injury;
			not ascertained
		543	Blank. NA; Never/DK had a physical
		0.10	best; Still at physical bes
			No/DK if had any severe
			injuries that limited your
			daily activities
547-548			AGE AT TIME OF FOURTH INJURY
		8	01-84. 1-84 years old
		0	85. 85+ years old
		0	98. Not ascertained
		0	99. DK or refused
		558	Blank. NA; Never/DK had a physical
			best; Still at physical best;
			No/DK if had any severe
			injuries that limited your
			daily activities
549-551			KIND OF INJURY (4TH INJURY)
		8	800-999. ICD Injury Codes
		0	799. DK kind of injury;
			not ascertained
		558	Blank. NA; Never/DK had a physical
			best; Still at physical
			best; No/DK if had any
			severe injuries that

Tape				
Locations	Item No.	Frequency	Items a	and Codes
552	36		SINCE T	TIME OF PHYSICAL BEST
			HAS ABI	LITY TO SWALLOW SOLID
			FOOD CH	IANGED
		3	1.	
		44	2.	
		280		Stayed the same
		18	8.	Not ascertained
		5	9.	DK or refused
		216	Blank.	NA; Never/DK had a physical best; Still at physical bes
553	37		EXPERIE	NCED NEW POLIO RELATED
			DIFFICT	ULTIES SINCE REACHING
				HYSICAL BEST
		46	1.	Yes, one new
				difficulty
		40	2.	Yes, more than one
		37	3.	Yes, not sure polio
				related
		190	4.	No
		18	8.	Not ascertained
		19	9.	DK or refused
		216	Blank.	NA; Never/DK had a physical
				best; Still at physical bes
554-555	38		AGE WHE	N NEW POLIO RELATED
331 333	30			JLTY BEGAN
		121	01-84.	1-84 years
		1	85.	85+ years
		1	98.	Not ascertained
		0	99.	DK or refused
		443	Blank.	NA; Never/DK had a physical
				best; Still at physical bes
				No/DK if experienced any ne
				polio related difficulties

Tape Locations	Item No.	Frequency	Items and Codes
556	39		TIME OF DEVELOPMENT FOR NEW POLIO RELATED DIFFICULTY
		12	1. Less one month
		29	One month, but less than a year
		41	3. One year, but less than five years
		19	4. Five years, but less than ten years
		17	5. 10 or more years
		1	6. Other
		0	8. Not ascertained
		4	9. DK or refused
		443	Blank. NA; Never/DK had a physica best; Still at physical be No/DK if experienced any n polio related difficulties
557	40a		COMPARED WITH PHYSICAL BEST, HAVE YOU EXPERIENCED NEW MUSCULAR WEAKNESS
		97	1. Yes
		24	2. No
		1	8. Not ascertained
		1	9. DK or refused
		443	Blank. NA; Never/DK had a physica best; Still at physical be No/DK if experienced any n polio related difficulties

DISABILITY PHASE II POLIO PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items a	and Codes
(558-563)	(40b (1-6)))	WHICH M	MUSCLES INVOLVED:
558	(1)		LEFT AF	RM OR HAND
		35	1.	Yes
		61	2.	No
		0	8.	Not ascertained
		1	9.	
		469	Blank.	NA; Never/DK had a physical best; Still at physical bes No/DK if experienced any ne
				polio related difficulties;
				No/DK if experienced any ne muscle weakness
559	(2)		RIGHT A	ARM OR HAND
		41	1.	Yes
		56	2.	No
		0	8.	
		0	9.	
		469	Blank.	NA; Never/DK had a physical
				best; Still at physical bes
				No/DK if experienced any ne
				polio related difficulties;
				No/DK if experienced any ne
				muscle weakness
560	(3)		LEFT LE	G OR FOOT
		68	1.	Yes
		29	2.	No
		0	8.	Not ascertained
		0	9.	DK or refused
		469	Blank.	NA; Never/DK had a physical
				best; Still at physical bes
				No/DK if experienced any ne
				polio related difficulties;
				No/DK if experienced any ne muscle weakness
561	(4)		RIGHT I	LEG OR FOOT
		67	1.	Yes
		29	2.	No
		0	8.	Not ascertained
		1	9.	DK or refused
		469	Blank.	NA; Never/DK had a physical
				best; Still at physical bes
				No/DK if experienced any ne
				polio related difficulties;
				No/DK if experienced any ne

muscle weakness

Tape Locations	Item No. Frequency	Items and Codes
(558-563)	(40b (1-6))	WHICH MUSCLES INVOLVED: - Continued
562	(5)	STOMACH, BACK OR TORSO
	54 43 0 0 469	 Yes No Not ascertained DK or refused Blank. NA; Never/DK had a physical best; Still at physical best No/DK if experienced any new polio related difficulties; No/DK if experienced any new muscle weakness
563	(6)	NECK OR FACE
	27 68 1 1 469	 Yes No Not ascertained DK or refused Blank. NA; Never/DK had a physical best; Still at physical best No/DK if experienced any new polio related difficulties; No/DK if experienced any new muscle weakness
564	40c	COMPARED WITH PHYSICAL BEST HAVE YOU EXPERIENCED NEW MUSCULAR PAIN
	81 41 0 1 443	 Yes No Not ascertained DK or refused Blank. NA; Never/DK had a physical best; Still at physical best No/DK if experienced any new polio related difficulties

Tape Locations	Item No. Frequency		Items and Codes	
(565-570)			WHICH MUSCLES INVOLVED: Continued	
565	(1)		LEFT AF	RM OR HAND
		30 51 0 0 485	1. 2. 8. 9. Blank.	
566	(2)		RIGHT A	ARM OR HAND
		29 50 1 1 485	1. 2. 8. 9. Blank.	Yes No Not ascertained DK or refused NA; Never/DK had a physical best; Still at physical bes No/DK if experienced any ne polio related difficulties; No/DK if experienced any ne muscle pain
567	(3)		LEFT LE	EG OR FOOT
		55 26 0 0 485	1. 2. 8. 9. Blank.	Yes No Not ascertained DK or refused NA; Never/DK had a physical best; Still at physical bes No/DK if experienced any ne polio related difficulties; No/DK if experienced any ne muscle pain
568	(4)	58 21 1 1 485	RIGHT I 1. 2. 8. 9. Blank.	Yes No Not ascertained DK or refused NA; Never/DK had a physical best; Still at physical bes No/DK if experienced any ne polio related difficulties; No/DK if experienced any ne muscle pain

Tape Locations	Item No. Frequency	Items and Codes
(565-570)	(40d (1-6))	WHICH MUSCLES INVOLVED: Continued
569	(5)	STOMACH, BACK OR TORSO
	52 28 0 1 485	 Yes No Not ascertained DK or refused Blank. NA; Never/DK had a physical best; Still at physical best No/DK if experienced any new polio related difficulties; No/DK if experienced any new muscle pain
570	(6)	NECK OR FACE
	23 58 0 0 485	 Yes No Not ascertained DK or refused Blank. NA; Never/DK had a physical best; Still at physical best No/DK if experienced any new polio related difficulties; No/DK if experienced any new muscle pain
571	40e	COMPARED WITH PHYSICAL BEST, HAVE YOU EXPERIENCED NEW JOINT PAIN
	95 26 1 1 443	 Yes No Not ascertained DK or refused Blank. NA; Never/DK had a physical best; Still at physical best No/DK if experienced any new polio related difficulties

Tape Locations	Item No. Frequen	ıcy	Items a	and Codes
(572-576)	(40f (1-5))		WHICH J	OINTS INVOLVED:
572	(1)		LEFT SH	IOULDER, ELBOW, OR
			WRIST	
		42	1.	Yes
		52	2.	No
		1	8.	
	4	0 171	9. Blank.	
573	(2)		RIGHT S WRIST	SHOULDER, ELBOW, OR
		46	1.	Yes
		48	2.	No
		1	8.	Not ascertained
		0	9.	DK or refused
	4	171	Blank.	NA; Never/DK had a physical best; Still at physical best No/DK if experienced any ne polio related difficulties; No/DK if experienced any ne joint pains
574	(3)		LEFT HI	P, KNEE, OR ANKLE
		71	1.	Yes
		24	2.	No
		0	8.	Not ascertained
		0	9.	DK or refused
	4	171	Blank.	NA; Never/DK had a physical best; Still at physical best No/DK if experienced any ne polio related difficulties; No/DK if experienced any ne joint pains
575	(4)		RIGHT H	IIP, KNEE, OR ANKLE
		73	1.	Yes
		22	2.	No
		0	8.	Not ascertained
	4	0 171	9. Blank.	DK or refused NA; Never/DK had a physical best; Still at physical best No/DK if experienced any ne polio related difficulties;
				No/DK if experienced any ne joint pains

Tape Locations	Item No. Frequency	Items and Codes
(565-570)	(40d (1-6))	WHICH MUSCLES INVOLVED: Continued
576	(5)	NECK OR SPINE
	46 46 1 2 471	 Yes No Not ascertained DK or refused Blank. NA; Never/DK had a physical best; Still at physical best; No/DK if experienced any new polio related difficulties; No/DK if experienced any new joint pains
577	40g	CHANGE IN SIZE OF WEAKENED MUSCLES
	54 59 0 10 443	 Yes No Not ascertained DK or refused Blank. NA; Never/DK had a physical best; Still at physical best; No/DK if experienced any new polio related difficulties
578	40h	HOW SIZE OF MUSCLES HAVE CHANGED
	1 49 3 0 1 512	 Increased in size Decreased in size Some increased/some decreased Not ascertained DK or refused Blank. NA; Never/DK had a physical best; Still at physical best; No/DK if experienced any new polio related difficulties; No/DK if noticed change in size of muscles weakened by polio

Tape Locations	Item No.	Frequency	Items a	and Codes
(579-584)	(40i(1-6))	WHICH N	MUSCLES ARE INVOLVED:
579	(1)		LEFT AF	RM OR HAND
		24	1.	Yes
		29	2.	No
		0	8.	Not ascertained
		1 512	9. Blank.	DK or refused NA; Never/DK had a physical best; Still at physical bes No/DK if experienced any ne polio related difficulties; No/DK if noticed change in of muscles weakened by poli
580	(2)		RIGHT A	ARM OR HAND
	\ - /	21	1.	Yes
		31	2.	No
		1	8.	Not ascertained
		1	9.	
		512	Blank.	
		312	bialik.	best; Still at physical bes
				No/DK if experienced any ne
				polio related difficulties;
				No/DK if noticed change in
				of muscles weakened by poli
				or muscles weakened by poir
581	(3)		או דקקו	EG OR FOOT
	(- /	39	1.	Yes
		15	2.	No
		0	8.	Not ascertained
		0	9.	DK or refused
		512		
		512	Blank.	NA; Never/DK had a physical
				best; Still at physical bes
				No/DK if experienced any ne
				polio related difficulties;
				No/DK if noticed change in
				of muscles weakened by police
582	(4)		RIGHT I	LEG OR FOOT
	· - /	33	1.	Yes
		19	2.	No
		1	8.	Not ascertained
		1	9.	DK or refused
		512	Blank.	NA; Never/DK had a physical
		214	DIGIIK.	
				best; Still at physical bes
				No/DK if experienced any ne
				polio related difficulties;
				No/DK if noticed change in
				of muscles weakened by police

Tape Locations	Item No. Frequer	ncy	Items and Codes
(579-584)	(40i(1-6))		WHICH MUSCLES ARE INVOLVED:- Continued
583	(5)		STOMACH, BACK OR TORSO
		19 32 0 3 512	 Yes No Not ascertained DK or refused Blank. NA; Never/DK had a physical best; Still at physical best; No/DK if experienced any new polio related difficulties; No/DK if noticed change in si of muscles weakened by polio
584	(6)	10 41 2 1 512	NECK OR FACE 1. Yes 2. No 8. Not ascertained 9. DK or refused Blank. NA; Never/DK had a physical best; Still at physical best; No/DK if experienced any new polio related difficulties; No/DK if noticed change in si of muscles weakened by polio
(585-597)	(41a-m)		WEAKNESS AT THE PRESENT
585	a		RIGHT HIP/THIGH AND KNEE
	:	336 86 85 44 8 2	 Not weakened Mildly weakened Moderately weakened Severely weakened Completely paralyzed Not ascertained DK or refused

Tape Locations	Item No.	Frequency	Items and Codes
(585-597)	(41a-m)		WEAKNESS AT THE PRESENT TIME:
586	b		RIGHT CALF/ANKLE AND FOOT
		351	1. Not weakened
		77	2. Mildly weakened
		75	3. Moderately weakened
		44	4. Severely weakened
		11	5. Completely paralyzed
		2	8. Not ascertained
		6	9. DK or refused
587	С		LEFT HIP/THIGH AND KNEE
		333	1. Not weakened
		95	Mildly weakened
		70	3. Moderately weakened
		51	4. Severely weakened
		10	Completely paralyzed
		2	8. Not ascertained
		5	9. DK or refused
588	d		LEFT CALF/ANKLE AND FOOT
		350	 Not weakened
		76	Mildly weakened
		68	 Moderately weakened
		54	 Severely weakened
		11	Completely paralyzed
		2	8. Not ascertained
		5	9. DK or refused
589	е		RIGHT SHOULDER/UPPER ARM
		415	1. Not weakened
		59	Mildly weakened
		50	3. Moderately weakened
		29	4. Severely weakened
		5	Completely paralyzed
		2	8. Not ascertained
		6	9. DK or refused
590	f		RIGHT FOREARM/WRIST AND HAND
		427	1. Not weakened
		63	Mildly weakened
		46	3. Moderately weakened
		19	4. Severely weakened
		4	5. Completely paralyzed
		2	8. Not ascertained
		5	9. DK or refused

Tape Locations	Item No.	Frequency	Items and Codes
(585-597)	(41a-m)		WEAKNESS AT THE PRESENT TIME: - Continued
591	g		LEFT SHOULDER/UPPER ARM AND ELBOW
		424	1. Not weakened
		56	2. Mildly weakened
		50	3. Moderately weakened
		29	4. Severely weakened
		1	5. Completely paralyzed
		2	8. Not ascertained
		4	9. DK or refused
592	h		LEFT FOREARM/WRIST AND HAND
		428	1. Not weakened
		60	2. Mildly weakened
		46	3. Moderately weakened
		25	4. Severely weakened
		1	5. Completely paralyzed
		2	8. Not ascertained
		4	9. DK or refused
593	i		BREATHING MUSCLES
		471	1. Not weakened
		40	Mildly weakened
		28	 Moderately weakened
		14	4. Severely weakened
		0	5. Completely paralyzed
		2	8. Not ascertained
		11	9. DK or refused
594	j		SWALLOWING MUSCLES
		492	1. Not weakened
		41	Mildly weakened
		21	 Moderately weakened
		5	4. Severely weakened
		0	5. Completely paralyzed
		2	8. Not ascertained
		5	9. DK or refused

Tape Locations	Item No.	Frequency	Items and Codes
(585-597)	(41a-m)		WEAKNESS AT THE PRESENT
			TIME: - Continued
595	k		FACE MUSCLES
		515	1. Not weakened
		30	2. Mildly weakened
		12	3. Moderately weakened
		1	4. Severely weakened
		0	5. Completely paralyzed
		3	8. Not ascertained
		5	9. DK or refused
596	1		BACK MUSCLES
		367	1. Not weakened
		66	2. Mildly weakened
		74	3. Moderately weakened
		49	4. Severely weakened
		0	5. Completely paralyzed
		2	8. Not ascertained
		8	9. DK or refused
597	m		STOMACH MUSCLES
		451	1. Not weakened
		44	2. Mildly weakened
		39	3. Moderately weakened
		19	4. Severely weakened
		1	5. Completely paralyzed
		2	8. Not ascertained
		10	9. DK or refused

Tape Locations	Item No.	Frequency	Items and Codes		
598	42		THE FARTHEST COULD WALK AT		
			PRESENT WITHOUT USING		
			ASSISTIVE DEVICES AND WITHOUT STOPPING		
			WITHOUT STOPPING		
		48	1. Cannot walk at all		
		71	2. Walk across a room		
		60	3. Walk up and down		
			the street		
		66	4. Walk around the block		
		318	5. Walk a mile or more		
		1	8. Not ascertained		
		2	9. DK or refused		
599	43		HOW WELL CAN YOU CLIMB		
			STAIRS		
		266	 Easily without a railing 		
		229	2. By using a railing		
		61	3. Cannot climb stairs		
		1	8. Not ascertained		
		9	9. DK or refused		

Tape Locations	Item No.	Frequency	Items and Codes
(600-613)	(44a-n)		NOW USE ANY OF THE FOLLOWING
600	a		CANE(S)
		89	1. Yes
		473	2. No
		3	8. Not ascertained
		1	9. DK or refused
601	b		CRUTCH(ES)
		26	1. Yes
		534	2. No
		5	8. Not ascertained
		1	9. DK or refused
602	С		WALKER
		27	1. Yes
		533	2. No
		5	8. Not ascertained
		1	9. DK or refused
603	d		WHEELCHAIR/ELECTRIC CART
		49	1. Yes
		511	2. No
		5	8. Not ascertained
		1	9. DK or refused
604	е		LEFT LEG BRACE
		27	1. Yes
		532	2. No
		6	8. Not ascertained
		1	9. DK or refused

Tape Locations	Item No.	Frequency	Items and Codes
(600-613)	(44a-n)		NOW USE ANY OF THE FOLLOWING
			ASSISTIVE DEVICES: - Continued
605	f		RIGHT LEG BRACE
		28	1. Yes
		532	2. No
		4	8. Not ascertained
		2	9. DK or refused
606	g		LEFT ARM SPLINT/BRACE
		5	1. Yes
		555	2. No
		5	8. Not ascertained
		1	9. DK or refused
607	h		LEFT HAND SPLINT/BRACE
		4	1. Yes
		555	2. No
		6	8. Not ascertained
		1	9. DK or refused
608	i		RIGHT ARM SPLINT/BRACE
		4	1. Yes
		556	2. No
		5	8. Not ascertained
		1	9. DK or refused
609	j		RIGHT HAND SPLINT/BRACE
		5	1. Yes
		555	2. No
		5	8. Not ascertained
		1	9. DK or refused

Tape Locations	Item No.	Frequency	Items and Codes
(600-613)	(44a-n)		HOW USE ANY OF THE FOLLOWING ASSISTIVE DEVICES: - Continued
610	k		BREATHING AIDS
		18 541 6 1	 Yes No Not ascertained DK or refused
611	1		BACK BRACE/CORSET
		27 532 6 1	 Yes No Not ascertained DK or refused
612	m		SPECIAL SHOE(S) OR SHOE LIFTS
		53 508 3 2	 Yes No Not ascertained DK or refused
613	n		ANOTHER TYPE OF DEVICE
		19 534 12 1	 Yes No Not ascertained DK or refused

Tape Locations	Item No.	Frequency	Items and Codes	
614	45		HOW EASILY GOT TIRED WHILE PERFORMING DAILY ACTIVITIES PAST FEW WEEKS	
		94	1. Very easily during day, requiring five	
		85	or more rest periods 2. Easily during day, requiring two to four	
		112	rest periods 3. Slowly, requiring one	
		258	rest period 4. Only after exercise or before bedtime	
		6 11	8. Not ascertained 9. DK or refused	
615	46		PERCEPTION OF HEALTH AT PRESENT TIME	
		43	1. Improving	
		147	2. Declining	
		371	3. About the same	
		3 2	 Not ascertained DK or refused 	
616	47		WHAT DO YOU THINK IS MAIN CAUSE OF DECLINE	
		51	1. Aging	
		5	2. Sedentary lifestyle	
		10	Return of old problems/conditions	
		18	4. New chronic conditions	
		13	5. Other new illness	
		31	6. Late effects of polio	
		8	7. Other	
		1	8. Not ascertained	
		10 419	9. DK or refused Blank. NA; feels general health	
		417	is improving/about the same unknown	

Tape Locations	Item No.	Frequency	Items a	and Codes
617	48		WHICH S	STATEMENT BEST
			DESCRIE	BES YOUR FEELING ABOUT
			YOUR PH	YSICAL CONDITION
		1	0.	Proxy
		4	1.	I do not feel disabled
		4	2.	Disabled for first
		_		time in life
		18	3.	Now feel like have a
				second disability
		3	4.	None of the above
		0	8.	Not ascertained
		1	9.	DK or refused
		535	Blank.	NA; feels general health
		333	Brain.	is improving/about the same/
				unknown; DK/other conditions
				caused decline in health
				caused decime in mearth
618	49		HAS EAR	RLIER POLIO EXPERIENCE
				D YOU FOR NEW DECLINE
		10	1.	Not at all
		9	2.	Somewhat
		8	3.	A lot
		0	8.	Not ascertained
		3	9.	DK or refused
		536	Blank.	NA; feels general health
				is improving/about the same/
				unknown; DK/other conditions
				caused decline in health;
				proxy respondent
619	50a		DOCTOR	EVER SAID YOU HAD
			DIABETE	2S
		52	1.	Yes
		509	2.	No
		4	8.	Not ascertained
		1	9.	DK or refused
620	51a		CURRENT	TLY TAKING MEDICATION
			FOR DIA	ABETES
		38	1.	Yes
		14	2.	No
		0	4.	None of the above
		0	8.	Not ascertained
		0	9.	DK or refused
		514	Blank.	NA; No/DK if currently taking
		514	Brank.	NA, NO/DK II Cuffeffilly takif

Tape Locations	Item No.	Frequency	Items and Codes
621	50b		DOCTOR EVER SAID YOU HAD EMPHYSEMA
		18 544 4 0	 Yes No Not ascertained DK or refused
622	51b		CURRENTLY TAKING MEDICATION FOR EMPHYSEMA
		8 10 0 0 548	 Yes No Not ascertained DK or refused Blank. NA; No/DK if currently taking medication for emphysema
623	50c		DOCTOR EVER SAID YOU HAD CHRONIC BRONCHITIS
		61 501 4 0	 Yes No Not ascertained DK or refused
624	51c		CURRENTLY TAKING MEDICATION FOR CHRONIC BRONCHITIS
		21 39 1 0 505	 Yes No Not ascertained DK or refused Blank. NA; No/DK if currently taking medication for chronic bronchitis

Item No.		T	
	Frequency	Items and Codes	_
50d		DOCTOR EVER SAID YOU HAD ASTHMA	
	62	1. Yes	
	0	9. DK or refused	
51d		CURRENTLY TAKING MEDICATION FOR ASTHMA	
	3.2	1 Vec	
	_		
	0		
	504	Blank. NA; No/DK if currently ta medication for asthma	king
50e		DOCTOR EVER SAID YOU HAD HEART PROBLEMS	-
	125	1 Yes	
	436		
	4	8. Not ascertained	
	1	9. DK or refused	
51e		CURRENTLY TAKING MEDICATION FOR HEART PROBLEMS	
	441	Blank. NA; No/DK if currently ta medication for heart prob	
	51d 50e	51d 51d 32 29 1 0 504 51e 71 50 4 0	ASTHMA

Tape Locations	Item No.	Frequency	Items a	and Codes
629	50f		CIRCULA	EVER SAID YOU HAD ATION PROBLEMS IN RMS OR LEGS
		133	1.	Yes
		426	2.	No
		4		Not ascertained
		3	9.	DK or refused
630	51f		CURRENT	TLY TAKING MEDICATION FOR
				ATION PROBLEMS
		40	1.	Yes
		85	2.	No
		4	8.	Not ascertained
		4	9.	DK or refused
		433	Blank.	NA; No/DK if currently taking medication for circulation problems
631	50g		DOCTOR HYPERTE	EVER SAID YOU HAD
		184	1.	Yes
		377	2.	No
		4	8.	Not ascertained
		1	9.	DK or refused
632	51g			TLY TAKING MEDICATION PERTENSION
		148	1.	Yes
		34	2.	No
		2	8.	Not ascertained
		0	9.	DK or refused
		382	Blank.	NA; No/DK if currently taking medication for hypertension

Tape Locations	Item No.	Frequency	Items and Codes		
633	50h		DOCTOR EVER SAID YOU HAD A STROKE		
		29	1. Yes		
		532	2. No		
		4	8. Not ascertained		
		1	9. DK or refused		
634	51h		CURRENTLY TAKING MEDICATION FOR STROKE		
		12	1. Yes		
		15	2. No		
		2	8. Not ascertained		
		0	9. DK or refused		
		537			
635	535 50i		DOCTOR EVER SAID YOU HAD STOMACH ULCERS		
		76	1. Yes		
		482	2. No		
		5	8. Not ascertained		
		3	9. DK or refused		
636	51i		CURRENTLY TAKING MEDICATION		
			FOR STOMACH ULCERS		
		31	1. Yes		
		45	2. No		
		0	8. Not ascertained		
		0	9. DK or refused		
		490	Blank. NA; No/DK if currently takin medication for stomach ulcer		

Tape Locations	Item No.	Frequency	Items a	and Codes
637	50j			EVER SAID YOU HAD
		62	1.	Yes
		500	2.	
		4		Not ascertained
		0	9.	DK or refused
638	51j		CURRENT	TLY TAKING MEDICATION
			FOR GAI	LBLADDER PROBLEMS
		5	1.	Yes
		56	2.	No
		1	8.	
		0		DK or refused
		504	Blank.	NA; No/DK if currently taking medication for gallbladde: problems
639	50k			EVER SAID YOU HAD TRACT PROBLEMS
		82	1.	Yes
		476	2.	
		4		Not ascertained
		4		DK or refused
640	51k			TLY TAKING MEDICATION TNARY TRACT PROBLEMS
		18	1.	Yes
		62	2.	No
		2	8.	Not ascertained
		0	9.	DK or refused
		484	Blank.	NA; No/DK if currently taking medication for urinary tract problems

Tape Locations	Item No.	Frequency	Items and Codes
641	501		DOCTOR EVER SAID YOU HAD KIDNEY STONES
		34	1. Yes
		528	2. No
		4	8. Not ascertained
		0	9. DK or refused
642	511		CURRENTLY TAKING MEDICATION FOR KIDNEY STONES
		2	1. Yes
		32	2. No
		0	8. Not ascertained
		0	9. DK or refused
		532	Blank. NA; No/DK if currently taking medication for kidney stones
643	50m		DOCTOR EVER SAID YOU HAD ARTHRITIS
		253	1. Yes
		305	2. No
		4	8. Not ascertained
		4	9. DK or refused
644	51m		CURRENTLY TAKING MEDICATION FOR ARTHRITIS
		111	1. Yes
		132	2. No
		8	8. Not ascertained
		2	9. DK or refused
		313	Blank. NA; No/DK if currently taking medication for arthritis

Tape Locations	Item No.	Frequency	Items and Codes
645	50n		DOCTOR EVER SAID YOU HAD ANY OTHER JOINT PROBLEMS
		124 437 4 1	 Yes No Not ascertained DK or refused
646	51n		CURRENTLY TAKING MEDICATION FOR OTHER JOINT PROBLEMS
		45 76 3 0 442	 Yes No Not ascertained DK or refused Blank. NA; No/DK if currently taking medication for other joint problems
647	500		DOCTOR EVER SAID YOU HAD CANCER OR LEUKEMIA
		55 506 4 1	 Yes No Not ascertained DK or refused
648	510		CURRENTLY TAKING MEDICATION FOR CANCER OR LEUKEMIA
		4 50 1 0 511	 Yes No Not ascertained DK or refused Blank. NA; No/DK if currently taking medication for leukemia

Tape				
Locations	Item No.	Frequency	Items and	Codes
649	50p		DOCTOR EV	ER SAID YOU HAD A
			NERVE OR	MUSCLE DISORDER
			OTHER THA	N POLIO
		75	1. Y	es
		482	2. N	•
		5	8. N	ot ascertained
		4	9. D	K or refused
650	51p		CIIRRENTLY	TAKING MEDICATION
	31 _P			VE OR MUSCLE DISORDER
		31	1. Y	es
		43	2. N	To To
		1	8. N	ot ascertained
		0	9. D	K or refused
		491	m	A; No/DK if currently taking medication for a nerve or muscle disorder
651	50q		DOCTOR EV A SLEEP D	TER SAID YOU HAD
		63	1. Y	es
		499	2. N	ío
		4	8. N	ot ascertained
		0	9. D	K or refused
652	51q		CURRENTLY	TAKING MEDICATION
			FOR A SLE	EP DISORDER
		24		es
		36		TO .
		2		ot ascertained
		1		K or refused
		503		A; No/DK if currently taking medication for a sleep disor

Tape Locations	Item No.	Frequency	Items and Codes		
653	50r		DOCTOR EVER SAID YOU HAD PROSTATE PROBLEMS		
		32 204 6 0 324	 Yes No Not ascertained DK or refused Blank. NA; female 		
654	51r		CURRENTLY TAKING MEDICATION FOR PROSTATE PROBLEMS		
		4 27 0 1 534	 Yes No Not ascertained DK or refused Blank. NA; female, No/DK if currently taking medication for prostate problems 		
655	52		DOCTOR EVER SAID YOU SUFFERED FROM POST-POLIO SYNDROME		
		64 490 4 8	 Yes No Not ascertained DK or refused 		

Tape Locations	Item No.	Frequency	Items and Codes
656	53		DO YOU THINK YOU HAVE POST- POLIO SYNDROME
		133	1. Yes
		355	2. No
		3	8. Not ascertained
		75	9. DK or refused
(657-666)	(54a-j)		STATEMENTS THAT ARE NOT TRUE, SOMEWHAT TRUE, VERY TRUE, OR DK:
657	a		CAN MAKE OF MY LIFE PRETTY MUCH WHAT I WANT TO
		20	0. Proxy respondent
		28	1. Not true
		114	2. Somewhat true
		394	3. Very true
		8	8. Not ascertained
		2	9. DK or refused
658	b		ONCE I DECIDE TO DO
			SOMETHING, I COMPLETE THE JOB
		20	0. Proxy respondent
		21	1. Not true
		115	2. Somewhat true
		396	3. Very true
		9	8. Not ascertained
		5	9. DK or refused

Tape Locations	Item No. Fr	equency	Items and Codes
(657-666)	(54a-j)		STATEMENTS THAT ARE NOT TRUE, SOMEWHAT TRUE, VERY TRUE, OR DK: - Continued
659	С		I DON'T LET PERSONAL FEELINGS INTERFERE WITH GETTING JOB DONE
		20 37 137 352 9 11	 Proxy respondent Not true Somewhat true Very true Not ascertained DK or refused
660	d		IMPORTANT TO DO THINGS IN WAY I WANT RATHER THAN WAY OTHER PEOPLE WANT THEM TO BE DONE
		20 62 169 292 10	 Proxy respondent Not true Somewhat true Very true Not ascertained DK or refused
661	е		SOMETIMES FEEL THAT HAVE TO DO THINGS MYSELF FOR THEM TO BE DONE RIGHT
		20 87 190 250 11 8	 Proxy respondent Not true Somewhat true Very true Not ascertained DK or refused

Tape Locations	Item No.	Frequency	Items and Codes
(657-666)	(54a-j)		STATEMENTS THAT ARE NOT TRUE, SOMEWHAT TRUE, VERY TRUE, OR DK: - Continued
662	f		LIKE DOING THINGS THAT OTHERS SAID COULD NOT BE DONE
		20 87 163 268 10 18	 Proxy respondent Not true Somewhat true Very true Not ascertained DK or refused
663	g		STAND UP FOR THINGS I BELIEVE IN REGARDLESS OF CONSEQUENCES
		20 31 132 361 11	 Proxy respondent Not true Somewhat true Very true Not ascertained DK or refused
664	k		HARD WORK IS BEST WAY FOR YOUNG PERSON TO GET AHEAD IN LIFE
		20 18 113 396 10 9	 Proxy respondent Not true Somewhat true Very true Not ascertained DK or refused
665	i		PEOPLE HAVE MADE FUN OF ME BECAUSE OF PHYSICAL EFFECTS OF POLIO
		20 364 80 84 11 7	 Proxy respondent Not true Somewhat true Very true Not ascertained DK or refused

Tape Locations	Item No.	Frequency	Items and Codes
(657-666)	(54a-j)		STATEMENTS THAT ARE NOT TRUE, SOMEWHAT TRUE, VERY TRUE, OR DK: - Continued
666	j		BEEN DISCRIMINATED AGAINST BECAUSE OF PHYSICAL EFFECTS OF POLIO
		20	0. Proxy respondent
		440	1. Not true
		38	2. Somewhat true
		42	3. Very true
		12	8. Not ascertained
		14	9. DK or refused
667	55		HOW SATISFIED ARE YOU WITH
			YOUR LIFE TODAY-GRADED ON
			A SCALE OF "1"-"7"
		20	0. Proxy respondent
		165	1. Very Satisfied
		117	2.
		83	3.
		52	4. To
		44	5.
		30	6.
		44	7. Very Unsatisfied
			0 27 1 1 1 7
		10	8. Not ascertained
		10 1	9. DK or refused

APPENDIX 1

Variance Estimation for Person Data Using Sudaan and the National Health Interview Survey (NHIS) Disability Phase II Polio Public Use Data File, 1994 - 1995

The Disability Phase II Polio Public Use Data File should be considered as a special database whose analytic potential is somewhat more limited than that of other NHIS produced databases. Like the traditional 1994 or 1995 NHIS databases, this file has the capability of producing national level estimates for the polio-survivor population. For a discussion of the weighting and suggested estimation procedures for this database see the basic cover documentation for the Polio file. Please note that the design information provided for variance estimation is structured quite differently from that which appears on the traditional databases. The data user should be aware of two features.

- i. Only the 566 polio survivors are represented in the database. Because of the very sparse distribution of the target domain within the original PSUs, the original 1994 and 1995 strata were collapsed within year by stratum characteristics, and then the original PSUs were randomly combined with those belonging to other matched strata. This collapsing and combining was done independently of the sample NHIS. For variance estimation we have 90 collapsed strata, each having 2 combined PSUs. On the average, one should expect the variance estimators to be somewhat conservative. Furthermore, the two years of data were originally combined to improve reliability. Many separate year estimates will not achieve acceptable reliability, and the one-year standard errors will be unstable. Single-year analyses are discouraged.
- ii. This database is special in that the weights and several design identifiers are not consistent with other existing 1994 or 1995 databases. This data should not be linked with other databases. The NCHS' policy on disclosure for survey respondents precludes the release of any additional design information for the target population.

Method for computing Variances

1. The following four design variables should be read into your working file.

Variable Name	Tape Location	Field Label
YEAR	3-4	'PROCESSING YEAR'
STRAT_P	345-348	'POLIO STRATUM'
PSU_P	349	'POLIO PSU'
WTF	201-206	'FINAL ANNUAL BASIC WEIGHT'

2. There are two equivalent SUDAAN representations for the design structure. PROC NAME DESIGN = WR ; YEAR STRAT_P PSU_P /PSULEV=3 ; NEST WEIGHT WTF; (the PSULEV = 3 tells SUDAAN that PSU_P is in the third position - usu ally it expects PSU to be in the second position on the nest statement) (the data must first be sorted by YEAR STRAT_P PSU_P). Or first recode YEAR and STRAT_P to STRAT_PR = 100*YEAR + STRAT_P ; then use PROC NAME DESIGN = WR ; NEST STRAT_PR PSU_P; WTF; WEIGHT (the data must first be sorted by STRAT_PR PSU_P)

Note, the latter recoded design has just two levels and can be used with non-SUDAAN software.

Reco	des		
Chrs.	No. 2 Chrs. 82-83	Industry Title	SIC Code*
01	01	AGRICULTURE	01-02,071-072,074- 076,078
02	01	FORESTRY AND FISHERIES	08-09
10	02	MINING	10,12-14
20	03	CONSTRUCTION	15-17
(30-34, 40-46)		MANUFACTURING:	
(30-34)		NONDURABLE GOODS	
30	04	Food and kindred products	201-209
31	04	Textile mill and finished textile products	221-229,231-239
32	04	Printing, publishing and allied industries	271-279
33	04	Chemicals and allied products	281-287,289
34	04	Other nondurable goods	21,261-263,265,267, 291,295,299,301- 306,308,311,313- 317,319

^{*}Standard Industrial Classification

Reco	les		
No. 1 Chrs. 80-81	Chrs.	Industry Title	SIC Code*
(30-34, 40-46)	(04)	MANUFACTURING: - continued	
(40-46)		DURABLE GOODS	
40	04	Furniture, lumber and wood	241-245,249,25
41	04	Primary metal industries	331-332,334,3331, 3334,3339,3351, 3353-3357,3363- 3366,3369,339
42	04	Fabricated metal industries, including ordnance	341-349
43	04	Machinery, except electrical	351-359
44	04	Electrical machinery, equipment and supplies	361-367,369
45	04	Transportation equipment	371-376,379
46	04	Other and not specified durable goods	321-329,381-382, 384-387,39

^{*}Standard Industrial Classification

No. 1 Chrs. 80-81	Chrs.	Industry Title	SIC Code*
(50-54)	(05)	TRANSPORTATION, COMMUNICATI AND OTHER PUBLIC UTILITIES	ONS
50	05	Railroads	40
51	05	Trucking service and warehousing	421-423
52	05	Other transportation	41,43-47
53	05	Communications	481-484,489
54	05	Utilities and sanitary	491-497
60	06	WHOLESALE TRADE	501-509,511-519

^{*}Standard Industrial Classification

Reco	les		
Chrs.	No. 2 Chrs. 82-83	Industry Title	SIC Code*
(61-65)	(07)	RETAIL TRADE	
61	07	General merchandise stores	531,533,539
62	07	Food, bakery and dairy stores	541-546,549
63	07	Automotive dealers and gasoline stations	551-557,559
64	07	Eating and drinking places	58
65	07	Other and not specified retail trade	521,523,525-527,56, 571-572,5731,5734- 5736,591-594,5961- 5963,598,5992-5995, 5999
(70-71)	(08)	FINANCE, INSURANCE, AND REA	L
70	08	Banking and credit agencies	60-61
71	08	Insurance, real estate, and other finance	62-65,67

^{*}Standard Industrial Classification

Reco	les		
Chrs.	No. 2 Chrs. 82-83	Industry Title	SIC Code*
(75-85)	(09-12)	SERVICES:	
(75-76)	(09)	BUSINESS AND REPAIR SERVICES	S
75	09	Business services	731-738,751,752, 7542
76	09	Repair services	753,7549,762-764, 7692,7694,7699
(77-78)	(10)	PERSONAL SERVICES	
77	10	Private households	88
78	10	Other personal services	701-704,721-726,729
79	11	ENTERTAINMENT AND RECREATION SERVICES	781-784,791-794,799
(80-85)	(12)	PROFESSIONAL AND RELATED SERVICES	
80	12	Hospitals	806
81	12	Health services, except hospitals	801-803,8041-8043, 8049,805,807-809
82	12	Elementary and secondary schools and colleges	821-822
83	12	Other educational services	823-824,829
84	12	Social services, religious and membership organizations	832-833,835-836, 839,84,861-866,869
85	12	Legal, engineering and other professional services	81,871-874,899

^{*}Standard Industrial Classification

Reco	odes		
Chrs.	No. 2 Chrs. 82-83	Industry Title	SIC Code*
90	13	PUBLIC ADMINISTRATION	911-913,919,92-97
95	14	UNKNOWN INDUSTRY (Includes never worked)	-
96	14	REFUSED, CLASSIFIED, ETC.	
97	15	NOT IN LABOR FORCE - codes and 8 in current activity r (loc. 75) (Under 18 or 18+ not in Labor Force).	recode
98	16	ARMED FORCES (excludes Rese and National Guard)	erves

^{*}Standard Industrial Classification

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 never worked, refused, classified, etc.)	95-96
15	NOT IN LABOR FORCE	97
16	ARMED FORCES	98

APPENDIX C

Recodes			
No. 1 Chrs. 87-88		Occupation Title	SOC Code*
(01-03)	(01)	EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	_
01	01	Officials and administrators, public administration	111-113
02	01	Managers and administrators, except public administration	121-128,131- 1344,1351- 1354,1359, 136-139
03	01	Management related occupations	1412,1414-1415, 1419,142-143, 1442-1443,1449, 145,1472- 1473,149

^{*}Standard Occupational Classification

Recodes			
No. 1 Chrs. 87-88	No. 2 Chrs. 89-90	Occupation Title	SOC Code*
(04-11)	(02)	PROFESSIONAL SPECIALTY OCCUPATIONS	-
04	02	Engineers	1622-1628,1632- 1637,1639
05	02	Architects and surveyors	161,164
06	02	Natural mathematical and computer scientists	171-172,1732- 1733,1739, 1842-1843, 1845-1847,1849, 1852-1855
07	02	Health diagnosing occupations	261-262,27,281, 283,289
08	02	Health assessment and treating occupations	29,301-302, 3031-3034,3039, 304
09	02	Teachers, librarians and Counselors	2212-2218, 2222-2228, 2231-2238, 2242-2247, 2249,231-233, 235,236,239,24, 251,252
10	02	Writers, artists, entertainers and athletes	34,321-329, 331-333,398
11	02	Other professional specialty occupations	1912-1916, 1919,192, 2032-2033, 2042,2049, 211-212

^{*}Standard Occupational Classification.

Recod	les		
No. 1 Chrs. 87-88		Occupation Title	SOC Code*
(12-13)	(03)	TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	-
12	03	Health technologists and technicians	362-366,369
13	03	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	Supervisors and proprietors	40
15	04	Sales representatives, commodities and finance	4122-4124, 4152-4153, 421,423-424
16	04	Other sales	4342-4348,4351- 4354,4356,4359, 4362-4367,4369, 444-447,449

^{*}Standard Occupational Classification

Reco	les		
No. 1 Chrs. 87-88	No. 2 Chrs. 89-90	Occupation Title	SOC Code*
(17-21)	(05)	ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	-
17	05	Computer equipment operators	4612-4613
18	05	Secretaries, stenographers and typists	4622-4624
19	05	Financial records processing occupations	4712-4713, 4715-4716, 4718
20	05	Mail and message distributing	4742-4745
21	05	Other administrative support	4511-4514,4516, 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,
22	06	Private household occupations	502-507,509

^{*}Standard Occupational Classification.

Reco	des		SOC Code*
No. 1 Chrs. 87-88	Chrs.	Occupation Title	
(23-24)	(07)	PROTECTIVE SERVICE OCCUPATIONS	
23	07	Police and firefighters	5111-5112, 5122-5123, 5132-5134
24	07	Other protective service occupations	5113,5142,5144, 5149
(25-28)	(08)	SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	
25	08	Food service	5211-5219
26	08	Health service	5232-5233,5236
27	08	Cleaning and building service	5241-5242, 5244-5246,5249
28	08	Personal service	5251-5258,5262- 5264,5269
(29-31)	(09)	FARMING, FORESTRY AND FISHING OCCUPATIONS	
29	09	Farm operators and managers	5512-5515,5522- 5525
30	09	Farm workers and other agricultural workers	5611-5619, 5621-5622, 5624-5625,5627
31	09	Forestry and fishing occupations	571-573,579, 583-584,8241(pt.)

^{*}Standard Occupational Classification.

Reco	des	Occupation Title	
No. 1 Chrs. 87-88	No. 2 Chrs. 89-90		SOC Code*
(32-34)	(10)	PRECISION PRODUCTION, CRAFT AND REPAIR OCCUPATIONS	
32	10	Mechanics and repairers	60,6111-6118, 613-614,6151- 6159,616,6171- 6179
33	10	Construction and extractive trades	6311-6316,6318, 632,6412- 6414(pt.),6422, 6424,6432-6433, 6442-6444,645, 6462-6468,6472- 6476,6479,652- 654,656
34	10	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- 696,7477(pt.), 7668,7677(pt.), 7752,828

^{*}Standard Occupational Classification

Recoo	les	Occupation Title	
No. 1 Chrs. 87-88	No. 2 Chrs. 89-90		SOC Code*
		OPERATORS, FABRICATORS AND LABORERS	
(35-36)	(11)	MACHINE OPERATORS, ASSEMBLERS AND INSPECTORS	
35	11	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, 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	Fabricators, assemblers, inspectors and samplers	7332-7333,7532- 7533,7714,7717, 72,774,7753- 7759,782-785,787

^{*}Standard Occupational Classification

Recodes			
No. 1 Chrs. 87-88	No. 2 Chrs. 89-90	Occupation Title	SOC Code*
(37-39)	(12)	TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	
37	12	Motor vehicle operators	8111,8212-8216, 8218-8219,874
38	12	Other transportation, except motor vehicles	8113,8232-8233, 8239,8241(pt.), 8242-8245
39	12	Material moving equipment operators	812,8312-8319
(40-41)	(13)	HANDLERS, EQUIPMENT CLEANERS, HELPERS AND LABORERS	
40	13	Construction laborers	871
41	13	Freight, stock and material handlers	85,861-863, 8641-8646, 8648,865, 8722-8726,873, 875,8761,8769

^{*}Standard Occupational Classification

Recodes			
Chrs.	No. 2 Chrs. 89-90	Occupation Title	SOC Code*
95	14	UNKNOWN OCCUPATION (Includes never worked)	
96	14	REFUSED, CLASSIFIED, ETC.	
97	15	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	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 never worked, refused, classified, etc.)	95-96	
15	NOT IN LABOR FORCE	97	
16	MILITARY	9.8	