Washington, DC, Metropolitan Area Drug Study (DC*MADS), 1991: Homeless and Transient Population

United States Department of Health and Human Services. National Institute on Drug Abuse

Codebook

Terms of Use

The terms of use for this study can be found at:

http://datafiles.samhsa.gov/terms-use-nid3422

Processor Note
DC*MADS 1991:
HOMELESS AND TRANSIENT POPULATION

1)   Column locations detailed in the codebook document the original data
     file. Users should refer to the SAS or SPSS data definition statement
     files for column locations of variables in the data file.

WARNING! DATA USE RESTRICTIONS

Read Carefully Before Using

The Public Health Service Act (Section 301) provides that the data collected by the National Institute on Drug Abuse (NIDA) may be used only for the purpose of health statistical reporting and analysis.

Any effort to determine the identity of any reported case is prohibited by this law.

NIDA does all it can to assure that the identity of data subjects cannot be disclosed. All direct identifiers, as well as any characteristics that might lead to identification, are omitted from the dataset. Any intentional identification or disclosure of a person or establishment violates the assurances of confidentiality given to the providers of the information. Therefore, users will:

1. Use the data in this dataset for statistical reporting and analysis only.

2. Make no use of the identity of any person or establishment discovered inadvertently and advise the Director, NIDA, of any such discovery.

3. Not link this dataset with individually identifiable data from other NIDA and non-NIDA datasets.

By using these data you signify your agreement to comply with the above-stated statutorily based requirements.

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PREFACE

Use of DC*MADS Data on Homeless and Transients

The National Institute on Drug Abuse (NIDA) sponsored the Homeless and Transient Population Study as part of the Washington, D.C. Metropolitan Area Drug Study (DC*MADS) in 1991. Information on this study has been published in a technical report, the Executive Summary and Overview of which are reproduced as Appendix C in this document.

In preparing the public release version of the data tape, all data containing geographic detail have been recoded to State-level units only (District of Columbia, Maryland, and Virginia). Other items, such as race, were aggregated when very few individuals were found in more detailed categories. Variables with monetary values (income and expenditures) were topcoded, with a special code assigned to represent values above a cutoff point (e.g., code 999 to represent $999 or greater). Information on attributes of the sampled institutions was suppressed to avoid potential disclosure. Some of the data contained in this tape may not have been fully edited and will require user caution; these are self-report data which may be over- or under-reported.

The codebook is organized according to the sequence of questions in the questionnaire, reproduced as Appendix B. Except for variables modified or suppressed as described above, each item in the questionnaire is referenced by its item number. The questionnaire wording is included in the codebook, along with the column location, codes and code descriptions, and the frequency distribution (unweighed) for that item. In addition, a series of new variables were created and included in this data file. Most important of these are the survey weights, stratum, and primary sampling unit variables. As described in Appendix D, the complex nature of this sample should be taken into account in the analysis of this data set. Other created variables include a series of substance use variables commonly used in analyses of drug abuse data. These and other created variables were derived from source items as documented in the descriptions for each code value.

NIDA requests the cooperation of users of this data tape in observing the following guidelines:

- Any published material derived from these data should acknowledge the National Institute on Drug Abuse as the original source. It should also include a disclaimer which credits any analyses, interpretations, or conclusions reached to the author and not to NIDA, which is responsible only for the initial date.

- Authors should provide NIDA with a reprint of published articles which utilize the DC*MADS Homeless and Transient Population Survey data. Please send reprints to:

> DC*MADS Data Management Staff
> Division of Epidemiology and Prevention Research
> National Institute on Drug Abuse
> Parklawn Building, Room 9A/53
> 5600 Fishers Lane
> Rockville, MD 20857

DATA DISK CHARACTERISTICS

1991 DC*MADS Homeless and Transient Population Survey

Title: 1991 DC*MADS Homeless and Transient Population Survey Data

Data Set Name: DCMHTP.ASC *(Disk)*

Record Length: 1463

Number of Records: 908

Number of Disks: 1

Recording Mode: ASCII

Note: An ASCII file named READ.ASC is provided with minimum specifications for a SAS read input program, and may be adapted to suit other software packages.

Contact Persons: Elizabeth Lambert/Arthur Hughes
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COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1-3   Observation Sequence Number

      908   *ACTUAL NUMBER*

Section A: History of Homelessness

The phrase "homeless" is used to describe people who do not sleep in a room, apartment or house of their own and who sometimes stay in a shelter, emergency housing, a car, a campground, or have to search for other places to sleep. The first few questions are about being homeless. [IF 1, SKIP TO A2]

4   A1   Have you ever been homeless?

850	1=Yes
2	2=No
27	3=Edited Yes from Section A
29	4=Edited Yes from Section I

5-7   A2   (Including this time), how many times in your life have you been homeless? That is, not living in your own room, apartment, or house for a night or more?

32	-9=Legitimate skip (only for soup kitchen respondents who had never been homeless)
12	-8=Missing
2	-5=Bad or illegible data
4	-4=Don't know
	ACTUAL NUMBER (values may be grouped to save space)
434	1
197	2
95	3
36	4
36	5
13	6
17	7
7	8
1	9
22	10-100 times

8-9   A3   How old were you the first time you were homeless?

32	-9=Legitimate skip(only for soup kitchen respondents who had never been homeless)
13	-8=Missing
2	-4=Don't know
	ACTUAL NUMBER (values may be grouped to save space)
12	1-11
76	12-17
239	18-25
314	26-35
162	36-45
46	46-55
12	56-75 years

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

10-11   A4D

Days -- How long (have you been homeless this time/were you homeless the last time)? (IF LESS THAN 30 DAYS, PROBE AND RECORD IN DAYS)

COUNT	CODE VALUE
32	-9=Legitimate skip(only for soup kitchen respondents who had never been homeless)
3	-8=Missing
1	-5=Bad or illegible data
750	0=None
	ACTUAL NUMBER (values may be grouped to save space)
33	1-7
13	8-14
12	15-21
5	22-29
52	30
7	31-90 days

12-13   A4W

Weeks -- How long (have you been homeless this time/were you homeless the last time)? (IF LESS THAN 30 DAYS, PROBE AND RECORD IN DAYS)

COUNT	CODE VALUE
32	-9 = Legitimate skip (only for soup kitchen respondents who had never been homeless)
3	-8 = Missing
1	-5 = Bad or illegible data
772	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
15	1
37	2
27	3
4	4
17	5-30 weeks

14-15   A4M

Months -- How long (have you been homeless this time/were you homeless the last time)? (IF LESS THAN 30 DAYS, PROBE AND RECORD IN DAYS)

COUNT	CODE VALUE
32	-9 = Legitimate skip (only for soup kitchen respondents who had never been homeless)
3	-8 = Missing
1	-5 = Bad or illegible data
454	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
40	1
71	2
60	3
34	4
37	5
89	6
25	7
18	8
10	9
13	10
8	11
1	12
12	12-30 months

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

16-17　A4Y　Years – How long (have you been homeless this time/were you homeless the last time)? (IF LESS THAN 30 DAYS, PROBE AND RECORD IN DAYS)

32	-9 = Legitimate skip (only for soup kitchen respondents who had never been homeless)
3	-8 = Missing
1	-5 = Bad or illegible data
558	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
109	1
70	2
39	3
33	4
11	5
52	6-41 years

18-19　A4AD　Days – How long ago did your last period of homelessness end? (soup kitchen only)

174	-9 = Legitimate skip
7	-8 = Missing
684	-3 = Not applicable
42	0 = None
1	17 days

20-21　A4AW　Weeks – How long ago did your last period of homelessness end? (soup kitchen only)

174	-9 = Legitimate skip
7	-8 = Missing
684	-3 = Not applicable
42	0 = None
1	3 weeks

22-23　A4AM　Months – How long ago did your last period of homelessness end? (soup kitchen only)

174	-9 = Legitimate skip
7	-8 = Missing
684	-3 = Not applicable
28	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
1	1
3	2
3	3
8	4-26 months

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

24-25 A4AY Years — How long ago did your last period of homelessness end?
(soup kitchen only)

174	-9 = Legitimate skip
7	-8 = Missing
684	-3 = Not applicable
17	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
8	1
5	2
13	3-34 years

26-27 A5 In what kind of place did you live before you became homeless
(this/the last) time?

35	-9 = Legitimate skip (for soup kitchen respondents who had never been homeless)
4	-8 = Missing
286	1 = A house
411	2 = An apartment
123	3 = A room, paid for by R
3	4 = A boat
46	5 = Some other form of regular housing (SPECIFY)

28-29 A6A Did you have an arrangement with your (parent/relative/partner/friends/this person) to
sleep in their place on a regular basis?

480	-9 = Legitimate skip
34	-8 = Missing
347	1 = Yes
47	2 = No

30-31 A9 Have you ever stayed in a shelter or emergency housing?
[IF 2, SKIP TO A9c]

2	-9 = Legitimate skip
15	-8 = Missing
340	1 = Yes
72	2 = No
2	3 = Edited yes
477	4 = Edited yes, shelter interview

32-33 A10 Have you ever used an emergency or soup kitchen? [IF 2, SKIP TO A11]

3	-8 = Missing
650	1 = Yes
234	2 = No
21	3 = Edited yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

34-35   A10A   During the past (A4/30) days, (while you have been homeless,) on about how many different days have you used an emergency shelter or soup kitchen?

244	-9 = Legitimate skip
6	-8 = Missing
2	-4 = Don't know
125	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
32	1
26	2
24	3
21	4
24	5
10	6
18	7
66	8-14
96	15-21
26	22-29
188	30 days

36-37   A11   Have you ever talked with someone from an outreach program like Health Care for the Homeless, McKinney Program, or other groups? [IF 2, SKIP TO SECTION B]

9	-8 = Missing
1	-7 = Refuse
283	1 = Yes
615	2 = No

38-39   A11A   During the past (A4/30) days, (while you have been homeless,) on about how many different days have you talked with someone from an outreach program?

615	-9 = Legitimate skip
6	-8 = Missing
1	-4 = Don't know
63	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
66	1
49	2
27	3
23	4
12	5
5	6
4	7
15	8-14
6	15-21
0	22-29
16	30 days

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

Section B: Specific Drug Use

40-41   B1   About how old were you when you first tried a cigarette?
[IF 91, SKIP TO B2]

11	-8 = Missing data
106	91 = Never tried a cigarette
	ACTUAL NUMBER (values may be grouped to save space)
154	2-11
509	12-17
113	18-25
9	26-35
6	36-45 years

42-43   B1A   About how old were you when you first started smoking daily?

106	-9 = Legitimate skip
11	-8 = Missing data
106	91 = Never smoked daily
	ACTUAL NUMBER (values may be grouped to save space)
45	5-11
388	12-17
223	18-25
25	26-35
4	36-45 years

44-45   B1B   When was the last time you smoked a cigarette?
[IF 3-6, SKIP TO B2]

106	-9 = Legitimate skip
23	-8 = Missing data
1	-5 = Bad or illegible data
656	1 = Within the past week (7 days)
9	2 = Within the past month (30 days)
13	3 = 1 or more months ago, but less than 6 months ago
3	4 = 6 or more months ago, but less than 1 year ago
12	5 = 1 or more years ago, but less than 3 years ago
66	6 = 3 or more years ago
4	7 = Edited 30-day use
15	8 = Edited past 12-month use

46-47   B1C   How many cigarettes have you smoked per day, on the average, during the past 30 days? Give me the average number per day.

215	-9 = Legitimate skip
25	-8 = Missing data
1	-5 = Bad or illegible data
27	1 = Less than one cigarette a day
115	2 = 1-5 cigarettes a day
213	3 = About 1/2 pack a day (6-15 cigarettes)
210	4 = About 1 pack a day (16-25 cigarettes)
49	5 = About 1-1/2 packs per day (26-35 cigarettes)
53	6 = About 2 packs or more a day (over 35 cigarettes)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

48-49   B2   Have you ever, even just once, drunk alcoholic beverages? This includes beer, wine, or liquor, like whiskey, gin, or scotch, including mixed alcoholic drinks like gin and tonic. [IF 2, SKIP TO B3]

1	-8 = Missing data
834	1 = Yes
64	2 = No
6	3 = Edited yes
3	4 = Edited yes from elsewhere in questionnaire

50-51   B2A   About how old were you the first time you had a glass of beer or wine or a drink of liquor, such as whiskey, gin, or scotch? Do not include childhood sips that you might have had from an older person's drink.

64	-9 = Legitimate skip
10	-8 = Missing data
2	-4 = Don't know
	ACTUAL NUMBER (values may be grouped to save space)
94	0-11
477	12-17
237	18-25
21	26-35
3	36-45 years

52-53   B2B   When was the last time you drank any alcohol?
[IF 3-6, SKIP TO B3]

64	-9 = Legitimate skip
8	-8 = Missing data
452	1 = Within the past week (7 days)
94	2 = Within the past month (30 days)
135	3 = 1 or more months ago, but less than 6 months ago
36	4 = 6 or more months ago, but less than 1 year ago
24	5 = 1 or more years ago, but less than 3 years ago
69	6 = 3 or more years ago
3	7 = Edited 30-day use
23	8 = Edited past 12-month use

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

54-55   B2C   During the past (A4/30) days, while you've been homeless, on about
how many different days did you have one or more drinks?

351	-9 = Legitimate skip
19	-8 = Missing data
1	-4 = Don't know
27	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
62	1
53	2
39	3
30	4
34	5
16	6
30	7
55	8-14
70	15-21
21	22-29
100	30 days

56-58   B2D   About how many drinks did you usually have in a day on those
(ANSWER FROM B2c) days?

378	-9 = Legitimate skip
15	-8 = Missing data
1	-5 = Bad or illegible data
1	-4 = Don't know
4	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
62	1
101	2
68	3
39	4
239	5-288 drinks

59-60   B2E   On about how many of those (ANSWER FROM B2c) days did you have five
or more drinks on the same occasion? By occasion, we mean at the
same time or within a couple of hours of each other.

378	-9 = Legitimate skip
20	-8 = Missing data
2	-5 = Bad or illegible data
2	-4 = Don't know
216	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
32	1
27	2
29	3
16	4
20	5
12	6
14	7
34	8-14
39	15-21
10	22-29
57	30 days

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

61-62 B3 The next questions are about marijuana use. Have you ever, even just once, tried marijuana or hashish? [IF 2, SKIP TO B4]

4	-8 = Missing
1	-7 = Refuse
627	1 = Yes
269	2 = No
6	3 = Edited yes
1	4 = Edited yes from elsewhere in questionnaire

63-64 B3A About how old were you the first time you tried marijuana or hash?

269	-9 = Legitimate skip
12	-8 = Missing
1	-4 = Don't know
	ACTUAL NUMBER (values may be grouped to save space)
19	8-11
363	12-17
214	18-25
23	26-35
5	36-45
2	46-51 years

65-66 B3B When was the last time you used marijuana or hash? [IF 3-6, SKIP TO B4]

269	-9 = Legitimate skip
9	-8 = Missing
48	1 = Within the past week (7 days)
41	2 = Within the past month (30 days)
91	3 = 1 or more months ago, but less than 6 months ago
32	4 = 6 or more months ago, but less than 1 year ago
67	5 = 1 or more years ago, but less than 3 years ago
292	6 = 3 or more years ago
10	7 = Edited 30-day use
49	8 = Edited past 12-month use

67-68 B3C During the past (A4/30) days, (while you've been homeless,) on about how many different days did you use marijuana or hash? [IF 0, SKIP TO B4]

800	-9 = Legitimate skip
19	-8 = Missing
4	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
37	1
14	2
7	3
10	4
4	5
3	7
3	8-14
3	15-21
4	30 days

69-70	B3D		What is the total amount of marijuana that you used, in all, during the past (A4/30) days, while you've been homeless? (IF NECESSARY, PROBE WITH CATEGORIES TO CLARIFY)

804	-9 = Legitimate skip
12	-8 = Missing
79	1 = Less than 1/4 ounce (up to 5 grams or 10 joints)
8	2 = About 1/4 ounce (6-10 grams or 11-20 joints)
2	3 = About 1 ounce (11-42 grams or 21-85 joints)
1	5 = About 3-4 ounces (73-127 grams or 146-255 joints)
2	7 = About 5-6 ounces

71-72	B4		Have you ever, even just once, inhaled or sniffed (breathed or huffed) inhalants for kicks or to get high? These include things like lighter fluid, aerosol sprays, glue, amyl nitrite, "poppers," or locker room odorizers. [IF 2, SKIP TO B5]

6	-8 = Missing
1	-7 = Refuse
163	1 = Yes
738	2 = No

73-74	B4A		About how old were you the first time you inhaled or sniffed (breathed or huffed) one of these inhalants for kicks or to get high?

738	-9 = Legitimate skip
9	-8 = Missing
	ACTUAL NUMBER (values may be grouped to save space)
6	7-11
78	12-17
57	18-25
17	26-35
2	36-45
1	46-50 years

75-76	B4B		When was the last time you inhaled or sniffed (breathed or huffed) one of these inhalants for kicks or to get high? [IF 3-6, SKIP TO B5]

738	-9 = Legitimate skip
9	-8 = Missing
2	1 = Within the past week (7 days)
2	2 = Within the past month (30 days)
2	3 = 1 or more months ago, but less than 6 months ago
7	4 = 6 or more months ago, but less than 1 year ago
11	5 = 1 or more years ago, but less than 3 years ago
133	6 = 3 or more years ago
1	7 = Edited 30-day use
3	8 = Edited past 12-month use

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

77-78   B4C   During the past (A4/30) days, (while you've been homeless,) on about how many different days did you use an inhalant for kicks or to get high?

894	-9 = Legitimate skip
8	-8 = Missing
1	0 = None
3	1
1	7
1	30 days

79-80   B5   Now I'd like to ask about cocaine use. First, I'll ask you about "crack" cocaine, that is, cocaine in rock or chunk form. Have you ever, even just once, tried "crack" cocaine? [IF 2, SKIP TO B6]

3	-8 = Missing
1	-7 = Refuse
445	1 = Yes
455	2 = No
4	3 = Edited yes

81-82   B5A   About how old were you the first time you used "crack" cocaine?

455	-9 = Legitimate skip
10	-8 = Missing
1	-7 = Refuse
	ACTUAL NUMBER (values may be grouped to save space)
1	10-11
14	12-17
141	18-25
205	26-35
78	36-45
2	46-55
1	56-58 years

83-84   B5B   When was the last time you used "crack" cocaine? [IF 3-6, SKIP TO B6]

455	-9 = Legitimate skip
6	-8 = Missing
113	1 = Within the past week (7 days)
52	2 = Within the past month (30 days)
85	3 = 1 or more months ago, but less than 6 months ago
59	4 = 6 or more months ago, but less than 1 year ago
68	5 = 1 or more years ago, but less than 3 years ago
43	6 = 3 or more years ago
2	7 = Edited 30-day use
25	8 = Edited past 12-month use

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE
85-86	B5C		During the past (A4/30) days, (while you've been homeless,) on how many different days did you use "crack" cocaine? [IF 0, SKIP TO B6]
		735	-9 = Legitimate skip
		9	-8 = Missing
		4	0 = None
			ACTUAL NUMBER (values may be grouped to save space)
		19	1
		15	2
		12	3
		18	4
		13	5
		5	6
		11	7
		27	8-14
		22	15-21
		2	22-29
		16	30 days
87-88	B5D		How many grams of crack cocaine have you used during the past (A4/30) days, while you've been homeless?
		739	-9 = Legitimate skip
		11	-8 = Missing
		1	-5 = Bad or illegible data
		51	1 = Less than 1/4 gram (1/2 vial or 3 crack rocks)
		20	2 = About 1/4 gram (1 vial or 4-5 crack rocks)
		34	3 = About 1/2 gram (1-1/2-3 vials or 6-12 crack rocks)
		15	4 = About 1 gram (3-1/2-5 vials or 13-25 crack rocks)
		14	5 = About 2 grams (6-12 vials or 26-45 crack rocks)
		23	6 = More than 2-1/2 grams
89-90	B6		Have you ever, even just once, tried other forms of cocaine? This includes cocaine in the form of powder, free base, or a coca paste. [IF 2, SKIP TO B7]
		5	-8 = Missing
		1	-7 = Refuse
		430	1 = Yes
		465	2 = No
		6	3 = Edited yes
		1	4 = Edited yes from elsewhere in questionnaire
91-92	B6A		About how old were you the first time you tried cocaine other than crack?
		465	-9 = Legitimate skip
		13	-8 = Missing
		1	-7 = Refuse
		1	-4 = Don't know
			ACTUAL NUMBER (values may be grouped to save space)
		1	10-11
		67	12-17
		236	18-25
		99	26-35
		25	36-50 years

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

93-94   B6B   When was the last time you used cocaine other than crack? [IF 3 OR 4, SKIP TO B6E; IF 5 OR 6, SKIP TO B7]

465   -9 = Legitimate skip
8   -8 = Missing
20   1 = Within the past week (7 days)
12   2 = Within the past month (30 days)
48   3 = 1 or more months ago, but less than 6 months ago
36   4 = 6 or more months ago, but less than 1 year ago
64   5 = 1 or more years ago, but less than 3 years ago
201   6 = 3 or more years ago
3   7 = Edited 30-day use
51   8 = Edited past 12-month use

95-96   B6C   During the past (A4/30) days, (while you've been homeless,) on about how many different days did you use cocaine other than crack? [IF 0, SKIP TO B6e]

863   -9 = Legitimate skip
15   -8 = Missing
1   0 = None
    ACTUAL NUMBER (values may be grouped to save space)
5   1
2   2
3   3
3   4
3   5
4   8-14
6   15-21
1   22-29
2   30 days

97-98   B6D   How many grams of cocaine other than crack have you used in the past (A4/30) days, while you've been homeless?

864   -9 = Legitimate skip
14   -8 = Missing
14   1 = Less than 1/4 gram (4 big lines of powder)
2   2 = About 1/4 gram (5-8 big lines of powder)
4   3 = About 1/2 gram (9-16 big lines of powder)
2   4 = About 1 gram (17-36 big lines of powder)
2   5 = About 2 grams (37-60 big lines of powder)
    6 = About 3 grams (61-85 big lines of powder)
5   7= More than 3-1/2 grams

99-100   B6E1   In the past 12 months, have you used cocaine other than crack by sniffing it through the nose ("snorting")?

730   -9 = Legitimate skip
48   -8 = Missing
1   -7 = Refuse
64   1 = Yes
65   2 = No

101-102   B6E2   In the past 12 months, have you used cocaine other than crack by swallowing or drinking it?

730	-9 = Legitimate skip
57	-8 = Missing
1	-7 = Refuse
8	1 = Yes
112	2 = No

103-104   B6E3   In the past 12 months, have you used cocaine other than crack by injecting it in a muscle or vein with a needle?

730	-9 = Legitimate skip
51	-8 = Missing
1	-7 = Refuse
44	1 = Yes
82	2 = No

105-106   B6E4   In the past 12 months, have you used cocaine other than crack by smoking it?

730	-9 = Legitimate skip
51	-8 = Missing
1	-7 = Refuse
70	1 = Yes
56	2 = No

107-108   B6E5   In the past 12 months, have you used cocaine other than crack by some other way? (DESCRIBE)

730	-9 = Legitimate skip
71	-8 = Missing
1	-7 = Refuse
1	1 = Yes
105	2 = No

109-110   B7   Have you ever, even just once, tried hallucinogens, such as LSD, PCP, "angel dust," peyote, or mescaline? [IF 2, SKIP TO B8]

9	-8 = Missing
368	1 = Yes
527	2 = No
3	3 = Edited yes
1	4 = Edited yes from elsewhere in questionnaire

111-112   B7A   About how old were you the first time you tried LSD, PCP, or another hallucinogen?

527	-9 = Legitimate skip
12	-8 = Missing
1	-7 = Refuse
1	-5 = Bad or illegible data
	ACTUAL NUMBER (values may be grouped to save space)
2	11
120	12-17
187	18-25
47	26-35
11	36-45 years

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

113-114 B7B When was the last time you used LSD, PCP, or another hallucinogen? [IF 3-6, SKIP TO B8]

527	-9 = Legitimate skip
13	-8 = Missing
1	-7 = Refuse
4	1 = Within the past week (7 days)
3	2 = Within the past month (30 days)
12	3 = 1 or more months ago, but less than 6 months ago
9	4 = 6 or more months ago, but less than 1 year ago
41	5 = 1 or more years ago, but less than 3 years ago
272	6 = 3 or more years ago
1	7 = Edited 30-day use
25	8 = Edited past 12-month use

115-116 B7C During the past (A4/30) days, (while you've been homeless,) on about how many different days did you use LSD or PCP or another hallucinogen?

886	-9 = Legitimate skip
14	-8 = Missing
1	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
3	1
3	4
1	5 days

117-118 B8 I would like to ask about heroin use next. Have you ever, even just once, tried heroin? [IF 2, SKIP TO B9]

8	-8 = Missing
1	-7 = Refuse
218	1 = Yes
678	2 = No
2	3 = Edited yes
1	4 = Edited yes from elsewhere in questionnaire

119-120 B8A About how old were you the first time you tried heroin?

678	-9 = Legitimate skip
14	-8 = Missing
	ACTUAL NUMBER (values may be grouped to save space)
2	10-11
43	12-17
122	18-25
46	26-35
3	36-44 years

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

121-122   B8B   When was the last time you used heroin? [IF 3 OR 4, SKIP TO B8d; IF 5 OR 6, SKIP TO B9]

	678	-9 = Legitimate skip
	10	-8 = Missing
	1	-7 = Refuse
	24	1 = Within the past week (7 days)
	6	2 = Within the past month (30 days)
	22	3 = 1 or more months ago, but less than 6 months ago
	16	4 = 6 or more months ago, but less than 1 year ago
	12	5 = 1 or more years ago, but less than 3 years ago
	120	6 = 3 or more years ago
	1	7 = Edited 30-day use
	18	8 = Edited past 12-month use

123-124   B8C   During the past (A4/30) days, (while you've been homeless,) on about how many different days did you use heroin?

	866	-9 = Legitimate skip
	12	-8 = Missing
	1	0 = None
		ACTUAL NUMBER (values may be grouped to save space)
	3	1
	3	2
	3	3
	3	4
	1	5
	1	7
	3	8-14
	2	15-21
	2	22-29
	8	30 days

125-126   B8D1   In the past 12 months, have you used heroin by sniffing it through the nose ("snorting")?

	810	-9 = Legitimate skip
	28	-8 = Missing
	1	-7 = Refuse
	26	1 = Yes
	43	2 = No

127-128   B8D2   In the past 12 months, have you used heroin by swallowing or drinking it?

	810	-9 = Legitimate skip
	32	-8 = Missing
	1	-7 = Refuse
	1	1 = Yes
	64	2 = No

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

129-130   B8D3   In the past 12 months, have you used heroin by injecting it in a muscle or vein with a needle?

810	-9 = Legitimate skip
23	-8 = Missing
1	-7 = Refuse
50	1 = Yes
24	2 = No

131-132   B8D4   In the past 12 months, have you used heroin by smoking it?

810	-9 = Legitimate skip
31	-8 = Missing
1	-7 = Refuse
4	1 = Yes
62	2 = No

133-134   B8D5   In the past 12 months, have you used heroin by some other way?

810	-9 = Legitimate skip
34	-8 = Missing
1	-7 = Refuse
2	1 = Yes
61	2 = No

135-136   B9   Have you ever, even just once, used the smokable form of methamphetamine sometimes called "ice"? [IF 2, SKIP TO B10]

9	-8 = Missing
1	-7 = Refuse
15	1 = Yes
877	2 = No
5	3 = Edited yes
1	4 = Edited yes from elsewhere in questionnaire

137-138   B9A   About how old were you the first time you tried "ice"?

877	-9 = Legitimate skip
16	-8 = Missing
1	-4 = Don't know
	ACTUAL NUMBER (values may be grouped to save space)
1	11
1	12-17
2	18-25
5	26-35
5	36-41 years

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

139-140　B9B　When was the last time you used "ice"?

877	-9 = Legitimate skip
10	-8 = Missing
1	-7 = Refuse
1	-4 = Don't know
3	2 = Within the past month (30 days)
1	3 = 1 or more months ago, but less than 6 months ago
3	4 = 6 or more months ago, but less than 1 year ago
4	5 = 1 or more years ago, but less than 3 years ago
5	6 = 3 or more years ago
2	7 = Edited 30-day use
1	8 = Edited past 12-month use

141-142　B9C　During the past (A4/30) days, (while you've been homeless,) on about how many different days did you use "ice"?

891	-9 = Legitimate skip
11	-8 = Missing
1	-4 = Don't know
1	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
3	1
1	4 days

143-144　B10　Have you ever, even just once, taken stimulants for any nonmedical reason?

6	-8 = Missing
1	-7 = Refuse
230	1 = Yes
663	2 = No
4	3 = Edited yes
4	4 = Edited yes from elsewhere in questionnaire

145-146　B10A　About how old were you the first time you took a stimulant for nonmedical reasons?

663	-9 = Legitimate skip
15	-8 = Missing
1	-4 = Don't know
	ACTUAL NUMBER (values may be grouped to save space)
1	10-11
87	12-17
112	18-25
22	26-35
5	36-45
2	46-49 years

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

147-148   B10B   When was the last time you took any stimulant for nonmedical reasons?

663	-9 = Legitimate skip
11	-8 = Missing
1	-7 = Refuse
1	-4 = Don't know
6	1 = Within the past week (7 days)
2	2 = Within the past month (30 days)
6	3 = 1 or more months ago, but less than 6 months ago
5	4 = 6 or more months ago, but less than 1 year ago
11	5 = 1 or more years ago, but less than 3 years ago
189	6 = 3 or more years ago
2	7 = Edited 30-day use
11	8 = Edited past 12-month use

149-150   B10C   During the past (A4/30) days, (while you've been homeless,) on about how many different days have you taken stimulants for any nonmedical reason?

885	-9 = Legitimate skip
13	-8 = Missing
1	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
1	2
1	3
1	6
2	7
3	10
1	30 days

151-152   B11   Have you ever, even just once, taken sedatives, tranquilizers, or analgesics for any nonmedical reason? [IF 2, SKIP TO B12]

18	-8 = Missing
214	1 = Yes
657	2 = No
13	3 = Edited yes
6	4 = Edited yes from elsewhere in questionnaire

153-154   B11A   About how old were you the first time you took a sedative, tranquilizer, or analgesic for nonmedical reasons?

657	-9 = Legitimate skip
37	-8 = Missing
	ACTUAL NUMBER (values may be grouped to save space)
4	9-11
57	12-17
108	18-25
41	26-35
4	36-42 years

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

155-156 B11B When was the last time you took a sedative, tranquilizer, or analgesic for nonmedical reasons? [IF 3-6, SKIP TO B12]

657	-9 = Legitimate skip
26	-8 = Missing
1	-4 = Don't know
14	1 = Within the past week (7 days)
10	2 = Within the past month (30 days)
11	3 = 1 or more months ago, but less than 6 months ago
11	4 = 6 or more months ago, but less than 1 year ago
17	5 = 1 or more years ago, but less than 3 years ago
133	6 = 3 or more years ago
1	7 = Edited 30-day use
27	8 = Edited past 12-month use

157-158 B11C During the past (A4/30) days, (while you've been homeless,) on about how many different days have you taken sedatives, tranquilizers, or analgesics for any nonmedical reason?

856	-9 = Legitimate skip
26	-8 = Missing
1	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
5	1
1	2
1	3
3	4
5	5
1	7
3	8-14
1	15-21
1	22-29
4	30 days

B12 Have you ever, even just once, taken any other drugs I have not asked you about? Please do not include drugs according to a doctor's prescription. (IF YES, PROBE:) What drug(s) (was/were) (that/those)?

159-161 B12_1 Other drugs #1

1	-8 = Missing
857	0 = No other drugs #1
	ACTUAL DRUG CODES
	See Table A in Appendix A for descriptions of codes
1	141
2	209
1	251
1	305
1	322
1	327
1	329
1	336
6	363
1	406
2	417
4	418

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE
(CONT'D)	B12_1	Other drugs #1	
		1	422
		2	435
		2	506
		3	601
		1	602
		3	604
		1	605
		1	606
		1	612
		2	614
		1	623
		1	637
		1	638
		1	702
		4	703
		1	814
		1	822
		1	834
162-164	B12_2	Other drugs #2	
		1	-8 = Missing
		895	0 = No other drugs #2
			ACTUAL DRUG CODES
			See Table A in Appendix A for descriptions of codes •
		1	115
		1	116
		1	201
		1	327
		1	415
		1	417
		1	457
		1	515
		1	606
		1	701
		1	804
		1	833
165-167	B12_3	Other drugs #3	
		0	-8 = Missing
		906	0 = No other drugs #3
			ACTUAL DRUG CODES
			See Table A in Appendix A for descriptions of codes
		1	324
		1	636

Section C: General Drug Use

C1. In the last 12 months, which of these drugs, if any, did you use at
the same time or within a couple of hours of when you drank beer,
wine, or liquor? (CIRCLE ALL THAT APPLY) [IF R HAS NEVER USED ANY
SUBSTANCE OTHER THAN ALCOHOL, SKIP TO C4]

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

168-169   C1_1   CIGARETTES

| | | 902 | -9 = Legitimate skip |
| | | 6 | -8 = Missing |

170-171   C1_2   ALCOHOL (beer, wine, hard liquor)

| | | 902 | -9 = Legitimate skip |
| | | 6 | -8 = Missing |

172-173   C1_3   MARIJUANA (reefer, hash, THC)

		553	-9 = Legitimate skip
		6	-8 = Missing
		185	0 = Not this drug, but some other drug in list
		164	1 = Yes

174-175   C1_4   INHALANTS (glue, amyl nitrite, poppers, aerosol sprays)

		553	-9 = Legitimate skip
		6	-8 = Missing
		345	0 = Not this drug, but some other drug in list
		4	1 = Yes

176-177   C1_5   CRACK COCAINE

		553	-9 = Legitimate skip
		6	-8 = Missing
		102	0 = Not this drug, but some other drug in list
		247	1 = Yes

178-179   C1_6   OTHER COCAINE

		553	-9 = Legitimate skip
		6	-8 = Missing
		276	0 = Not this drug, but some other drug in list
		73	1 = Yes

180-181   C1_7   HALLUCINOGENS (LSD, PCP, peyote, mescaline, ecstasy)

		553	-9 = Legitimate skip
		6	-8 = Missing
		326	0 = Not this drug, but some other drug in list
		23	1 = Yes

182-183   C1_8   HEROIN

		553	-9 = Legitimate skip
		6	-8 = Missing
		291	0 = Not this drug, but some other drug in list
		58	1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

184-185 C1_9 SMOKABLE METHAMPHETAMINE (ice)

	553	-9 = Legitimate skip
	6	-8 = Missing
	349	0 = Not this drug, but some other drug in list

186-187 C1_10 OTHER STIMULANTS (amphetamines, forms of methamphetamines other than ice, Preludin, uppers, speed)

	553	-9 = Legitimate skip
	6	-8 = Missing
	337	0 = Not this drug, but some other drug in list
	12	1 = Yes

188-189 C1_11 SEDATIVES (barbiturates, sleeping pills, Seconal, downers)

	553	-9 = Legitimate skip
	6	-8 = Missing
	323	0 = Not this drug, but some other drug in list
	26	1 = Yes

190-191 C1_12 TRANQUILIZERS (Librium, Valium, benzodiazepine)

	553	-9 = Legitimate skip
	6	-8 = Missing
	316	0 = Not this drug, but some other drug in list
	33	1 = Yes

192-193 C1_13 ANALGESICS (Darvon, Demerol, Talwin, Talacen)

	553	-9 = Legitimate skip
	6	-8 = Missing
	328	0 = Not this drug, but some other drug in list
	21	1 = Yes

194-195 C1_14 OTHER (SPECIFY)

	553	-9 = Legitimate skip
	6	-8 = Missing
	345	0 = Not this drug, but some other drug in list
	4	1 = Yes

196-197 C1_91 DID NOT USE DRUGS WITH ALCOHOL IN PAST 12 MONTHS

	499	-9 = Legitimate skip
	6	-8 = Missing
	160	1 = Yes, did not use drugs with alcohol
	243	3 = Did use drugs with alcohol

198-199 C1_92 DID NOT USE ANY DRUGS

	752	-9 = Legitimate skip
	6	-8 = Missing
	150	1 = Yes, did not use drugs

200-201 — C2 — Have you ever used a needle to get any drug injected under your skin, into a muscle, or into a vein for nonmedical reasons? [IF 2, SKIP TO C3]

COUNT	CODE VALUE
144	-9 = Legitimate skip
55	-8 = Missing
1	-7 = Refuse
175	1 = Yes
530	2 = No
3	3 = Edited yes

C2A — Which of these drugs did you ever get injected into yourself with a needle, for nonmedical reasons? (CIRCLE ALL THAT APPLY)

202-203 — C2A1 — CIGARETTES

COUNT	CODE VALUE
675	-9 = Legitimate skip
58	-8 = Missing
1	-7 = Refuse
172	0 = Not this drug, but some other drug in list
2	1 = Yes

204-205 — C2A2 — ALCOHOL (beer, wine, hard liquor)

COUNT	CODE VALUE
675	-9 = Legitimate skip
58	-8 = Missing
1	-7 = Refuse
170	0 = Not this drug, but some other drug in list
4	1 = Yes

206-207 — C2A3 — MARIJUANA (reefer, hash, THC)

COUNT	CODE VALUE
675	-9 = Legitimate skip
58	-8 = Missing
1	-7 = Refuse
171	0 = Not this drug, but some other drug in list
3	1 = Yes

208-209 — C2A4 — INHALANTS (glue, amyl nitrite, poppers, aerosol sprays)

COUNT	CODE VALUE
675	-9 = Legitimate skip
58	-8 = Missing
1	-7 = Refuse
174	0 = Not this drug, but some other drug in list

210-211 — C2A5 — CRACK COCAINE

COUNT	CODE VALUE
675	-9 = Legitimate skip
58	-8 = Missing
1	-7 = Refuse
171	0 = Not this drug, but some other drug in list
3	1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

212-213 **C2A6** **OTHER COCAINE**

		675	-9 = Legitimate skip
		58	-8 = Missing
		1	-7 = Refuse
		50	0 = Not this drug, but some other drug in list
		124	1 = Yes

214-215 **C2A7** **HALLUCINOGENS (LSD, PCP, peyote, mescaline, ecstasy)**

		675	-9 = Legitimate skip
		58	-8 = Missing
		1	-7 = Refuse
		171	0 = Not this drug, but some other drug in list
		3	1 = Yes

216-217 **C2A8** **HEROIN**

		675	-9 = Legitimate skip
		58	-8 = Missing
		1	-7 = Refuse
		42	0 = Not this drug, but some other drug in list
		132	1 = Yes

218-219 **C2A9** **SMOKABLE METHAMPHETAMINE (ice)**

		675	-9 = Legitimate skip
		58	-8 = Missing
		1	-7 = Refuse
		173	0 = Not this drug, but some other drug in list
		1	1 = Yes

220-221 **C2A10** **OTHER STIMULANTS (amphetamines, forms of methamphetamines other than ice, Preludin, uppers, speed)**

		675	-9 = Legitimate skip
		58	-8 = Missing
		1	-7 = Refuse
		143	0 = Not this drug, but some other drug in list
		31	1 = Yes

222-223 **C2A11** **SEDATIVES (barbiturates, sleeping pills, Seconal, downers)**

		675	-9 = Legitimate skip
		58	-8 = Missing
		1	-7 = Refuse
		157	0 = Not this drug, but some other drug in list
		17	1 = Yes

224-225 **C2A12** **TRANQUILIZERS (Librium, Valium, benzodiazepine)**

		675	-9 = Legitimate skip
		58	-8 = Missing
		1	-7 = Refuse
		172	0 = Not this drug, but some other drug in list
		2	1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

226-227   C2A13   ANALGESICS (Darvon, Demerol, Talwin, Talacen)

	675	-9 = Legitimate skip
	58	-8 = Missing
	1	-7 = Refuse
	167	0 = Not this drug, but some other drug in list
	7	1 = Yes

228-229   C2A14   OTHER (SPECIFY)

	675	-9 = Legitimate skip
	57	-8 = Missing
	1	-7 = Refuse
	1	-4 = Don't know
	164	0 = Not this drug, but some other drug in list
	10	1 = Yes

230-231   C2B   When was the last time you used any drug for nonmedical reasons with a needle?

	674	-9 = Legitimate skip
	56	-8 = Missing
	1	-7 = Refuse
	27	1 = Within the past week (7 days)
	12	2 = Within the past month (30 days)
	17	3 = 1 or more months ago, but less than 6 months ago
	8	4 = 6 or more months ago, but less than 1 year ago
	11	5 = 1 or more years ago, but less than 3 years ago
	64	6 = 3 or more years ago
	38	8 = Edited past 12-month use

232-233   C2C   Have you ever used a needle that you know or suspect has been used by someone else including family members to inject drugs? [IF 2, SKIP TO C2e]

	674	-9 = Legitimate skip
	57	-8 = Missing
	1	-7 = Refuse
	87	1 = Yes
	89	2 = No

234-235   C2D   During the past 12 months, how often did you use a needle or syringe that someone else may have used? (CIRCLE ONE)

	763	-9 = Legitimate skip
	71	-8 = Missing
	1	-7 = Refuse
	42	1 = Never
	14	2 = Rarely or almost never
	13	3 = Occasionally
	2	4 = About half the time
	1	6 = Almost always
	1	7 = Always

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

236-237   C2E   Have you ever let someone else including family members use your needle to inject drugs? [IF 2, SKIP TO C2g]

675	-9 = Legitimate skip
70	-8 = Missing
1	-7 = Refuse
72	1 = Yes
90	2 = No

238-239   C2F   During the past 12 months, how often did you let someone else use your needle to inject drugs? (CIRCLE ONE)

765	-9 = Legitimate skip
72	-8 = Missing
1	-7 = Refuse
33	1 = Never
18	2 = Rarely or almost never
13	3 = Occasionally
4	4 = About half the time
1	5 = Most of the time
1	6 = Almost always

240-241   C2G   During the last 12 months, how often did you shoot up in a shooting gallery? (CIRCLE ONE)

675	-9 = Legitimate skip
81	-8 = Missing
1	-7 = Refuse
121	1 = Never
12	2 = Rarely or almost never
9	3 = Occasionally
3	4 = About half the time
4	5 = Most of the time
2	6 = Almost always

242-243   C2H   During the last 12 months, how often did you clean your works with alcohol or bleach or by boiling them? (CIRCLE ONE)

675	-9 = Legitimate skip
85	-8 = Missing
1	-7 = Refuse
97	1 = Never
10	2 = Rarely or almost never
8	3 = Occasionally
3	4 = About half the time
6	5 = Most of the time
5	6 = Almost always
18	7 = Always

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

244-245 **C2I** During the past 12 months, with how many people in all have you shared your works?

704	-9 = Legitimate skip
59	-8 = Missing
108	0 = None
16	1
7	2
4	3
1	4
9	5-20 persons

246-247 **C3_1** On those occasions that you have used drugs, did you usually use them at home?

119	-9 = Legitimate skip
117	-8 = Missing
1	-7 = Refuse
321	0 = Not this answer, but some other answer in list
350	1 = Yes

248-249 **C3_2** On those occasions that you have used drugs, did you usually use them at someone else's home?

119	-9 = Legitimate skip
117	-8 = Missing
1	-7 = Refuse
299	0 = Not this answer, but some other answer in list
372	1 = Yes

250-251 **C3_3** On those occasions that you have used drugs, did you usually use them at a party?

119	-9 = Legitimate skip
117	-8 = Missing
1	-7 = Refuse
480	0 = Not this answer, but some other answer in list
191	1 = Yes

252-253 **C3_4** On those occasions that you have used drugs, did you usually use them at a shooting gallery?

119	-9 = Legitimate skip
117	-8 = Missing
1	-7 = Refuse
595	0 = Not this answer, but some other answer in list
76	1 = Yes

254-255 **C3_5** On those occasions that you have used drugs, did you usually use them in an open place (park, street, vacant building) or in a car?

119	-9 = Legitimate skip
117	-8 = Missing
1	-7 = Refuse
348	0 = Not this answer, but some other answer in list
323	1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

256-257 C3_6 On those occasions that you have used drugs, did you usually use them somewhere else? (PROBE: Where?)

- 119   -9 = Legitimate skip
- 117   -8 = Missing
- 1   -7 = Refuse
- 597   0 = Not this answer, but some other answer in list
- 74   1 = Yes

258-259 C3A1 Were you usually alone when you used drugs other than alcohol?

- 122   -9 = Legitimate skip
- 144   -8 = Missing
- 1   -7 = Refuse
- 385   0 = Not this answer, but some other answer in list
- 256   1 = Yes

260-261 C3A2 Were you usually with a sexual partner when you used drugs other than alcohol?

- 122   -9 = Legitimate skip
- 144   -8 = Missing
- 1   -7 = Refuse
- 358   0 = Not this answer, but some other answer in list
- 283   1 = Yes

262-263 C3A3 Were you usually with family when you used drugs other than alcohol?

- 122   -9 = Legitimate skip
- 144   -8 = Missing
- 1   -7 = Refuse
- 516   0 = Not this answer, but some other answer in list
- 125   1 = Yes

264-265 C3A4 Were you usually with friends when you used drugs other than alcohol?

- 122   -9 = Legitimate skip
- 144   -8 = Missing
- 1   -7 = Refuse
- 183   0 = Not this answer, but some other answer in list
- 458   1 = Yes

266-267 C3A5 Were you usually with a running/walking partner when you used drugs other than alcohol?

- 122   -9 = Legitimate skip
- 144   -8 = Missing
- 1   -7 = Refuse
- 467   0 = Not this answer, but some other answer in list
- 174   1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

268-269   C3A6   Were you usually with someone else when you used drugs other than alcohol?

122	-9 = Legitimate skip
144	-8 = Missing
1	-7 = Refuse
571	0 = Not this answer, but some other answer in list
70	1 = Yes

C4   I am going to read you some activities having to do with alcohol and drug use.

Please tell me how much you think people risk harming themselves physically or in other ways for each activity I read. Tell me if this activity puts people at "no risk," "slight risk," "moderate risk," or "great risk."

270-271   C4A   Smoking marijuana regularly?

11	-8 = Missing
2	-7 = Refuse
5	-4 = Don't know
96	1 = No risk
197	2 = Slight risk
242	3 = Moderate risk
355	4 = Great risk

272-273   C4B   Smoking marijuana occasionally?

10	-8 = Missing
2	-7 = Refuse
5	-4 = Don't know
200	1 = No risk
291	2 = Slight risk
193	3 = Moderate risk
207	4 = Great risk

274-275   C4C   Trying marijuana once or twice?

12	-8 = Missing
2	-7 = Refuse
6	-4 = Don't know
410	1 = No risk
246	2 = Slight risk
88	3 = Moderate risk
144	4 = Great risk

276-277   C4D   Using "crack" regularly?

13	-8 = Missing
2	-7 = Refuse
8	-4 = Don't know
20	1 = No risk
13	2 = Slight risk
40	3 = Moderate risk
812	4 = Great risk

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE
278-279	C4E		Using "crack" occasionally?
		13	-8 = Missing
		2	-7 = Refuse
		10	-4 = Don't know
		27	1 = No risk
		30	2 = Slight risk
		134	3 = Moderate risk
		692	4 = Great risk
280-281	C4F		Using cocaine regularly?
		14	-8 = Missing
		2	-7 = Refuse
		8	-4 = Don't know
		19	1 = No risk
		20	2 = Slight risk
		76	3 = Moderate risk
		769	4 = Great risk
282-283	C4G		Using cocaine occasionally?
		14	-8 = Missing
		2	-7 = Refuse
		9	-4 = Don't know
		25	1 = No risk
		72	2 = Slight risk
		161	3 = Moderate risk
		625	4 = Great risk
284-285	C4H		Trying cocaine once or twice?
		19	-8 = Missing
		2	-7 = Refuse
		9	-4 = Don't know
		98	1 = No risk
		169	2 = Slight risk
		148	3 = Moderate risk
		463	4 = Great risk
286-287	C4I		Having four or five drinks nearly every day?
		16	-8 = Missing
		1	-7 = Refuse
		4	-4 = Don't know
		35	1 = No risk
		85	2 = Slight risk
		197	3 = Moderate risk
		570	4 = Great risk

288-289   C4J   Having five or more drinks on the same occasion once or twice a week?

11	-8 = Missing
1	-7 = Refuse
4	-4 = Don't know
61	1 = No risk
136	2 = Slight risk
291	3 = Moderate risk
404	4 = Great risk

290-291   C4K   Having one or two drinks nearly every day?

11	-8 = Missing
1	-7 = Refuse
4	-4 = Don't know
92	1 = No risk
197	2 = Slight risk
243	3 = Moderate risk
360	4 = Great risk

292-293   C4L   Selling drugs?

11	-8 = Missing
1	-7 = Refuse
4	-4 = Don't know
18	1 = No risk
10	2 = Slight risk
28	3 = Moderate risk
836	4 = Great risk

C5   During the last 12 months, for which drugs, if any, have you needed larger amounts to get the same effect, or, for which drugs could you no longer get high on the same amount you used to use? Just give me the name or number of each drug from this [SUBSTANCE] card. (CIRCLE ALL THAT APPLY) [IF 94, SKIP TO C8]

294-295   C5_1   CIGARETTES

434	-9 = Legitimate skip
15	-8 = Missing
1	-7 = Refuse
301	0 = Not this drug, but some other drug in list
157	1 = Yes

296-297   C5_2   ALCOHOL (beer, wine, hard liquor)

434	-9 = Legitimate skip
15	-8 = Missing
1	-7 = Refuse
237	0 = Not this drug, but some other drug in list
221	1 = Yes

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COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE
298-299	C5_3		MARIJUANA (reefer, hash, THC)
		434	-9 = Legitimate skip
		15	-8 = Missing
		1	-7 = Refuse
		420	0 = Not this drug, but some other drug in list
		38	1 = Yes
300-301	C5_4		INHALANTS (glue, amyl nitrite, poppers, aerosol sprays)
		434	-9 = Legitimate skip
		15	-8 = Missing
		1	-7 = Refuse
		458	0 = Not this drug, but some other drug in list
302-303	C5_5		CRACK COCAINE
		434	-9 = Legitimate skip
		15	-8 = Missing
		1	-7 = Refuse
		263	0 = Not this drug, but some other drug in list
		195	1 = Yes
304-305	C5_6		OTHER COCAINE
		434	-9 = Legitimate skip
		15	-8 = Missing
		1	-7 = Refuse
		413	0 = Not this drug, but some other drug in list
		45	1 = Yes
306-307	C5_7		HALLUCINOGENS (LSD, PCP, peyote, mescaline, ecstasy)
		434	-9 = Legitimate skip
		15	-8 = Missing
		1	-7 = Refuse
		449	0 = Not this drug, but some other drug in list
		9	1 = Yes
308-309	C5_8		HEROIN
		434	-9 = Legitimate skip
		15	-8 = Missing
		1	-7 = Refuse
		415	0 = Not this drug, but some other drug in list
		43	1 = Yes
310-311	C5_9		SMOKABLE METHAMPHETAMINE (ice)
		434	-9 = Legitimate skip
		15	-8 = Missing
		1	-7 = Refuse
		458	0 = Not this drug, but some other drug in list

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

312-313   C5_10   OTHER STIMULANTS (amphetamines, forms of methamphetamines other than ice, Preludin, uppers, speed)

         434   -9 = Legitimate skip
         15   -8 = Missing
         1   -7 = Refuse
         453   0 = Not this drug, but some other drug in list
         5   1 = Yes

314-315   C5_11   SEDATIVES (barbiturates, sleeping pills, Seconal, downers)

         434   -9 = Legitimate skip
         15   -8 = Missing
         1   -7 = Refuse
         450   0 = Not this drug, but some other drug in list
         8   1 = Yes

316-317   C5_12   TRANQUILIZERS (Librium, Valium, benzodiazepine)

         434   -9 = Legitimate skip
         15   -8 = Missing
         1   -7 = Refuse
         448   0 = Not this drug, but some other drug in list
         10   1 = Yes

318-319   C5_13   ANALGESICS (Darvon, Demerol, Talwin, Talacen)

         434   -9 = Legitimate skip
         15   -8 = Missing
         1   -7 = Refuse
         452   0 = Not this drug, but some other drug in list
         6   1 = Yes

320-321   C5_14   OTHER (SPECIFY)

         434   -9 = Legitimate skip
         15   -8 = Missing
         1   -7 = Refuse
         458   0 = Not this drug, but some other drug in list

322-323   C5_91   DID NOT NEED LARGER AMOUNTS OF ANY DRUG USED

         181   -9 = Legitimate skip
         15   -8 = Missing
         1   -7 = Refuse
         445   0 = Needed larger amounts
         266   1 = Did not need larger amounts

324-325   C5_94   DID NOT USE DRUGS IN LAST 12 MONTHS

         266   -9 = Legitimate skip
         15   -8 = Missing
         1   -7 = Refuse
         445   0 = Needed larger amounts in last 12 months
         181   1 = Did not use drugs in last 12 months

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

C6   Please give me the name or number of each drug, if any, for which you have had withdrawal symptoms; that is, you felt sick because you stopped or cut down on your use of that drug during the last 12 months? (CIRCLE ALL THAT APPLY)

326-327   C6_1   CIGARETTES

136	-9 = Legitimate skip
39	-8 = Missing
1	-7 = Refuse
615	0 = Not this drug, but some other drug in list
117	1 = Yes

328-329   C6_2   ALCOHOL (beer, wine, hard liquor)

136	-9 = Legitimate skip
39	-8 = Missing
1	-7 = Refuse
598	0 = Not this drug, but some other drug in list
134	1 = Yes

330-331   C6_3   MARIJUANA (reefer, hash, THC)

136	-9 = Legitimate skip
39	-8 = Missing
1	-7 = Refuse
724	0 = Not this drug, but some other drug in list
8	1 = Yes

332-333   C6_4   INHALANTS (glue, amyl nitrite, poppers, aerosol sprays)

136	-9 = Legitimate skip
39	-8 = Missing
1	-7 = Refuse
732	0 = Not this drug, but some other drug in list

334-335   C6_5   CRACK COCAINE

136	-9 = Legitimate skip
39	-8 = Missing
1	-7 = Refuse
624	0 = Not this drug, but some other drug in list
108	1 = Yes

336-337   C6_6   OTHER COCAINE

136	-9 = Legitimate skip
39	-8 = Missing
1	-7 = Refuse
704	0 = Not this drug, but some other drug in list
28	1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

338-339   C6_7   HALLUCINOGENS (LSD, PCP, peyote, mescaline, ecstasy)

		136	-9 = Legitimate skip
		39	-8 = Missing
		1	-7 = Refuse
		725	0 = Not this drug, but some other drug in list
		7	1 = Yes

340-341   C6_8   HEROIN

		136	-9 = Legitimate skip
		39	-8 = Missing
		1	-7 = Refuse
		683	0 = Not this drug, but some other drug in list
		49	1 = Yes

342-343   C6_9   SMOKABLE METHAMPHETAMINE (ice)

		136	-9 = Legitimate skip
		39	-8 = Missing
		1	-7 = Refuse
		731	0 = Not this drug, but some other drug in list
		1	1 = Yes

344-345   C6_10   OTHER STIMULANTS (amphetamines, forms of methamphetamines other than ice, Preludin, uppers, speed)

		136	-9 = Legitimate skip
		39	-8 = Missing
		1	-7 = Refuse
		728	0 = Not this drug, but some other drug in list
		4	1 = Yes

346-347   C6_11   SEDATIVES (barbiturates, sleeping pills, Seconal, downers)

		136	-9 = Legitimate skip
		39	-8 = Missing
		1	-7 = Refuse
		730	0 = Not this drug, but some other drug in list
		2	1 = Yes

348-349   C6_12   TRANQUILIZERS (Librium, Valium, benzodiazepine)

		136	-9 = Legitimate skip
		39	-8 = Missing
		1	-7 = Refuse
		727	0 = Not this drug, but some other drug in list
		5	1 = Yes

350-351   C6_13   ANALGESICS (Darvon, Demerol, Talwin, Talacen)

		136	-9 = Legitimate skip
		39	-8 = Missing
		1	-7 = Refuse
		730	0 = Not this drug, but some other drug in list
		2	1 = Yes

352-353   C6_14   OTHER (SPECIFY)

136	-9 = Legitimate skip
39	-8 = Missing
1	-7 = Refuse
727	0 = Not this drug, but some other drug in list
5	1 = Yes

354-355   C6_91   DID NOT HAVE WITHDRAWAL SYMPTOMS IN THE LAST 12 MONTHS

136	-9 = Legitimate skip
39	-8 = Missing
1	-7 = Refuse
320	0 = Had withdrawal symptoms
412	1 = Did not have withdrawal symptoms

C7   Please give me the name or number of each drug, if any, that you have tried to cut down on your use of during the last 12 months. (CIRCLE ALL THAT APPLY)

356-357   C7_1   CIGARETTES

134	-9 = Legitimate skip
26	-8 = Missing
1	-7 = Refuse
470	0 = Not this drug, but some other drug in list
277	1 = Yes

358-359   C7_2   ALCOHOL (beer, wine, hard liquor)

134	-9 = Legitimate skip
26	-8 = Missing
1	-7 = Refuse
438	0 = Not this drug, but some other drug in list
309	1 = Yes

360-361   C7_3   MARIJUANA (reefer, hash, THC)

134	-9 = Legitimate skip
26	-8 = Missing
1	-7 = Refuse
693	0 = Not this drug, but some other drug in list
54	1 = Yes

362-363   C7_4   INHALANTS (glue, amyl nitrite, poppers, aerosol sprays)

134	-9 = Legitimate skip
26	-8 = Missing
1	-7 = Refuse
744	0 = Not this drug, but some other drug in list
3	1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE
364-365	C7_5		CRACK COCAINE
		134	-9 = Legitimate skip
		26	-8 = Missing
		1	-7 = Refuse
		503	0 = Not this drug, but some other drug in list
		244	1 = Yes
366-367	C7_6		OTHER COCAINE
		134	-9 = Legitimate skip
		26	-8 = Missing
		1	-7 = Refuse
		688	0 = Not this drug, but some other drug in list
		59	1 = Yes
368-369	C7_7		HALLUCINOGENS (LSD, PCP, peyote, mescaline, ecstasy)
		134	-9 = Legitimate skip
		26	-8 = Missing
		1	-7 = Refuse
		734	0 = Not this drug, but some other drug in list
		13	1 = Yes
370-371	C7_8		HEROIN
		134	-9 = Legitimate skip
		26	-8 = Missing
		1	-7 = Refuse
		697	0 = Not this drug, but some other drug in list
		50	1 = Yes
372-373	C7_9		SMOKABLE METHAMPHETAMINE (ice)
		134	-9 = Legitimate skip
		26	-8 = Missing
		1	-7 = Refuse
		747	0 = Not this drug, but some other drug in list
374-375	C7_10		OTHER STIMULANTS (amphetamines, forms of methamphetamines other than ice, Preludin, uppers, speed)
		134	-9 = Legitimate skip
		26	-8 = Missing
		1	-7 = Refuse
		744	0 = Not this drug, but some other drug in list
		3	1 = Yes
376-377	C7_11		SEDATIVES (barbiturates, sleeping pills, Seconal, downers)
		134	-9 = Legitimate skip
		26	-8 = Missing
		1	-7 = Refuse
		738	0 = Not this drug, but some other drug in list
		9	1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

378-379   C7_12   TRANQUILIZERS (Librium, Valium, benzodiazepine)

		134	-9 = Legitimate skip
		26	-8 = Missing
		1	-7 = Refuse
		738	0 = Not this drug, but some other drug in list
		9	1 = Yes

380-381   C7_13   ANALGESICS (Darvon, Demerol, Talwin, Talacen)

		134	-9 = Legitimate skip
		26	-8 = Missing
		1	-7 = Refuse
		742	0 = Not this drug, but some other drug in list
		5	1 = Yes

382-383   C7_14   OTHER (SPECIFY)

		134	-9 = Legitimate skip
		26	-8 = Missing
		1	-7 = Refuse
		746	0 = Not this drug, but some other drug in list
		1	1 = Yes

384-385   C7_91   DID NOT TRY TO CUT DOWN ON ANY DRUGS IN THE LAST 12 MONTHS

		134	-9 = Legitimate skip
		26	-8 = Missing
		1	-7 = Refuse
		581	0 = Tried to cut down
		166	1 = Did not try to cut down

C8   In the past 12 months, have you had any of these problems (C8a to C8i) because of your alcohol use?

386-387   C8_93   Has not drunk alcohol in the last 12 months [SKIP TO C9].

		123	-9 = Legitimate skip
		114	-8 = Missing
		555	0 = No, R had alcohol
		116	1 = Yes, R was abstinent

388-389   C8A   In the past 12 months, have you felt aggressive or mad while drinking?

		175	-9 = Legitimate skip
		55	-8 = Missing
		303	1 = Yes
		375	2 = No

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

390-391   C8B   In the past 12 months, have you been high or a little drunk when on the job or at school?

175	-9 = Legitimate skip
55	-8 = Missing
196	1 = Yes
482	2 = No

392-393   C8C   In the past 12 months, have you had any family member, other relatives, or friends tell you that you should cut down on drinking?

175	-9 = Legitimate skip
56	-8 = Missing
343	1 = Yes
334	2 = No

394-395   C8D   In the past 12 months, have you tossed down several drinks pretty fast to get a quicker effect?

175	-9 = Legitimate skip
56	-8 = Missing
319	1 = Yes
358	2 = No

396-397   C8E   In the past 12 months, have you been afraid you might be an alcoholic or that you might become one?

176	-9 = Legitimate skip
57	-8 = Missing
342	1 = Yes
333	2 = No

398-399   C8F   In the past 12 months, have you awakened unable to remember some of the things you had done while drinking the day before?

175	-9 = Legitimate skip
56	-8 = Missing
286	1 = Yes
391	2 = No

400-401   C8G   In the past 12 months, have you had a quick drink or so when no one was looking?

175	-9 = Legitimate skip
57	-8 = Missing
285	1 = Yes
391	2 = No

402-403   C8H   In the past 12 months, have you had your hands shake a lot after drinking the day before?

175	-9 = Legitimate skip
56	-8 = Missing
137	1 = Yes
540	2 = No

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

404-405   C8I   In the past 12 months, have you sometimes gotten high or a little drunk when drinking by yourself?

175	-9 = Legitimate skip
55	-8 = Missing
448	1 = Yes
230	2 = No

C9   In the past 12 months, have you had any of these problems (C9a to C9f) because of your drug use?

406-407   C9_93   Has not had drugs in the past 12 months. [SKIP TO SECTION D]

101	-9 = Legitimate skip
122	-8 = Missing
403	0 = No, R took drugs
282	1 = Yes, R was abstinent

408-409   C9A   In the past 12 months, have you become depressed or lost interest in things?

393	-9 = Legitimate skip
11	-8 = Missing
312	1 = Yes
192	2 = No

410-411   C9B   In the past 12 months, have you had arguments and fights with family or friends?

393	-9 = Legitimate skip
11	-8 = Missing
274	1 = Yes
230	2 = No

412-413   C9C   In the past 12 months, have you gotten less work done than usual at school or work?

393	-9 = Legitimate skip
11	-8 = Missing
227	1 = Yes
277	2 = No

414-415   C9D   In the past 12 months, have you found it difficult to think clearly?

393	-9 = Legitimate skip
11	-8 = Missing
267	1 = Yes
237	2 = No

416-417   C9E   In the past 12 months, have you felt nervous and anxious?

393	-9 = Legitimate skip
11	-8 = Missing
309	1 = Yes
195	2 = No

418-419   C9F   In the past 12 months, have you had to get emergency medical help?

393   -9 = Legitimate skip
11   -8 = Missing
102   1 = Yes
402   2 = No

Section D: Treatment

420-422   D1   How many times in your life have you received treatment or counseling for problems related to your alcohol or drug use? [IF 0, SKIP TO SECTION E]

19   -8 = Missing
515   0 = None
ACTUAL NUMBER (values may be grouped to save space)
175   1
65   2
50   3
21   4
21   5
42   6-100 times

423-424   D1A   Think of the last time you received treatment or counseling. Was this treatment or counseling for alcohol problems, drug problems, or both? [IF 1, SKIP TO D1c]

515   -9 = Legitimate skip
12   -8 = Missing
140   1 = Alcohol problems
129   2 = Drug problems
112   3 = Both

D1B   For what drugs were you treated (the most recent time you received treatment)? (CIRCLE ALL THAT APPLY)

425-426   D1B1   CIGARETTES

655   -9 = Legitimate skip
15   -8 = Missing
232   0 = Not this drug, but some other drug in list
6   1 = Yes

427-428   D1B2   ALCOHOL (beer, wine, hard liquor)

655   -9 = Legitimate skip
15   -8 = Missing
127   0 = Not this drug, but some other drug in list
111   1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

429-430 D1B3 MARIJUANA (reefer, hash, THC)

		655	-9 = Legitimate skip
		15	-8 = Missing
		207	0 = Not this drug, but some other drug in list
		31	1 = Yes

431-432 D1B4 INHALANTS (glue, amyl nitrite, poppers, aerosol sprays)

		655	-9 = Legitimate skip
		15	-8 = Missing
		237	0 = Not this drug, but some other drug in list
		1	1 = Yes

433-434 D1B5 CRACK COCAINE

		655	-9 = Legitimate skip
		15	-8 = Missing
		88	0 = Not this drug, but some other drug in list
		150	1 = Yes

435-436 D1B6 OTHER COCAINE

		655	-9 = Legitimate skip
		15	-8 = Missing
		187	0 = Not this drug, but some other drug in list
		51	1 = Yes

437-438 D1B7 HALLUCINOGENS (LSD, PCP, peyote, mescaline, ecstasy)

		655	-9 = Legitimate skip
		15	-8 = Missing
		222	0 = Not this drug, but some other drug in list
		16	1 = Yes

439-440 D1B8 HEROIN

		655	-9 = Legitimate skip
		15	-8 = Missing
		174	0 = Not this drug, but some other drug in list
		64	1 = Yes

441-442 D1B9 SMOKABLE METHAMPHETAMINE (ice)

		655	-9 = Legitimate skip
		15	-8 = Missing
		237	0 = Not this drug, but some other drug in list
		1	1 = Yes

443-444 D1B10 OTHER STIMULANTS (amphetamines, forms of methamphetamines other than ice, Preludin, uppers, speed)

		655	-9 = Legitimate skip
		15	-8 = Missing
		235	0 = Not this drug, but some other drug in list
		3	1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

445-446   D1B11   SEDATIVES (barbiturates, sleeping pills, Seconal, downers)

    655   -9 = Legitimate skip
    15   -8 = Missing
    236   0 = Not this drug, but some other drug in list
    2   1 = Yes

447-448   D1B12   TRANQUILIZERS (Librium, Valium, benzodiazepine)

    655   -9 = Legitimate skip
    15   -8 = Missing
    234   0 = Not this drug, but some other drug in list
    4   1 = Yes

449-450   D1B13   ANALGESICS (Darvon, Demerol, Talwin, Talacen)

    655   -9 = Legitimate skip
    15   -8 = Missing
    236   0 = Not this drug, but some other drug in list
    2   1 = Yes

451-452   D1B14   OTHER (SPECIFY)

    655   -9 = Legitimate skip
    15   -8 = Missing
    233   0 = Not this drug, but some other drug in list
    5   1 = Yes

    D1C   What kind of treatment or couseling was that?

453-454   D1C1   HOSPITAL DETOXIFICATION

    515   -9 = Legitimate skip
    11   -8 = Missing
    255   0 = Not this answer, but some other answer in list
    127   1 = Yes

455-456   D1C2   OTHER HOSPITAL-BASED INPATIENT

    515   -9 = Legitimate skip
    11   -8 = Missing
    304   0 = Not this answer, but some other answer in list
    78   1 = Yes

457-458   D1C3   JAIL OR PRISON PROGRAM

    515   -9 = Legitimate skip
    11   -8 = Missing
    362   0 = Not this answer, but some other answer in list
    20   1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

459-460   D1C4   THERAPEUTIC COMMUNITY (TC)

		515	-9 = Legitimate skip
		11	-8 = Missing
		348	0 = Not this answer, but some other answer in list
		34	1 = Yes

461-462   D1C5   HALFWAY HOUSE

		515	-9 = Legitimate skip
		11	-8 = Missing
		370	0 = Not this answer, but some other answer in list
		12	1 = Yes

463-464   D1C6   JUVENILE TREATMENT PROGRAM

		515	-9 = Legitimate skip
		11	-8 = Missing
		380	0 = Not this answer, but some other answer in list
		2	1 = Yes

465-466   D1C7   OTHER SHORT-TERM RESIDENTIAL

		515	-9 = Legitimate skip
		11	-8 = Missing
		357	0 = Not this answer, but some other answer in list
		25	1 = Yes

467-468   D1C8   OTHER LONG-TERM RESIDENTIAL

		515	-9 = Legitimate skip
		11	-8 = Missing
		339	0 = Not this answer, but some other answer in list
		43	1 = Yes

469-470   D1C9   METHADONE DETOXIFICATION

		515	-9 = Legitimate skip
		11	-8 = Missing
		366	0 = Not this answer, but some other answer in list
		16	1 = Yes

471-472   D1C10   METHADONE MAINTENANCE

		515	-9 = Legitimate skip
		11	-8 = Missing
		364	0 = Not this answer, but some other answer in list
		18	1 = Yes

473-474   D1C11   OTHER OUTPATIENT DETOXIFICATION

		515	-9 = Legitimate skip
		11	-8 = Missing
		375	0 = Not this answer, but some other answer in list
		7	1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

475-476   D1C12   OUTPATIENT DRUG FREE

		515	-9 = Legitimate skip
		11	-8 = Missing
		336	0 = Not this answer, but some other answer in list
		46	1 = Yes

477-478   D1C13   EMPLOYEE ASSISTANCE PROGRAM (EAP)

		515	-9 = Legitimate skip
		11	-8 = Missing
		376	0 = Not this answer, but some other answer in list
		6	1 = Yes

479-480   D1C14   INDIVIDUAL COUNSELOR, PSYCHOLOGIST, OR PSYCHIATRIST

		515	-9 = Legitimate skip
		11	-8 = Missing
		361	0 = Not this answer, but some other answer in list
		21	1 = Yes

481-482   D1C15   ALCOHOLICS ANONYMOUS

		515	-9 = Legitimate skip
		11	-8 = Missing
		253	0 = Not this answer, but some other answer in list
		129	1 = Yes

483-484   D1C16   NARCOTICS ANONYMOUS

		515	-9 = Legitimate skip
		11	-8 = Missing
		269	0 = Not this answer, but some other answer in list
		113	1 = Yes

485-486   D1C17   OTHER SELF-HELP GROUP

		515	-9 = Legitimate skip
		11	-8 = Missing
		370	0 = Not this answer, but some other answer in list
		12	1 = Yes

487-488   D1C18   OTHER (SPECIFY)

		515	-9 = Legitimate skip
		11	-8 = Missing
		370	0 = Not this answer, but some other answer in list
		12	1 = Yes

489-490   D1C19   DOES NOT RECALL TYPE OF TREATMENT

		515	-9 = Legitimate skip
		11	-8 = Missing
		377	0 = Not this answer, but some other answer in list
		5	1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

491-492   D1D   When was the last time you received treatment or counseling (related to your alcohol/drug use)?

515	-9 = Legitimate skip
15	-8 = Missing
81	1 = Within the past week (7 days)
24	2 = Within the past month (30 days)
46	3 = 1 or more months ago, but less than 6 months ago
51	4 = 6 or more months ago, but less than 1 year ago
85	5 = 1 or more years ago, but less than 3 years ago
91	6 = 3 or more years ago

493-496   D1E   How long was the last treatment or counseling you received?

515	-9 = Legitimate skip
26	-8 = Missing
5	-5 = Bad or illegible data
3	-4 = Don't know
	ACTUAL NUMBER (values may be grouped to save space)
51	1-7
31	8-14
9	15-21
32	22-29
50	30
33	31-60
18	61-90
43	91-120
71	121-365
21	366-4745 days

497-498   D1F   Why did you leave treatment?

515	-9 = Legitimate skip
15	-8 = Missing
1	-4 = Don't know
70	1 = Still in treatment
5	2 = Transferred to another program
202	3 = Successful termination
30	4 = Problem with program
3	5 = Money
4	6 = Family needed me
38	7 = Relapse
2	8 = Unspecified
7	9 = Felt he didn't need it
1	10 = Over illness
1	11 = Became ill
1	12 = Sentencing in trial
1	13 = Probation violation
3	14 = Moved
1	15 = Discharged
1	16 = Drank/drunk
2	17 = Didn't want to be there
1	18 = Put you out because urine was clear
2	19 = Was jailed
1	20 = Left the program
1	21 = No longer court ordered

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

Section E: Legal Issues

499-500	E1A		In the past 12 months, have you ever driven a car or motor vehicle while under the influence of drugs or alcohol?

6	-8 = Missing
195	1 = Yes
707	2 = No

501-502	E1B	In the past 12 months, have you ever sold drugs to another person?

6	-8 = Missing
1	-7 = Refuse
151	1 = Yes
750	2 = No

503-504	E1C	In the past 12 months, have you ever been paid or been given drugs for having sex with someone?

7	-8 = Missing
115	1 = Yes
786	2 = No

505-506	E1D	In the past 12 months, have you ever traded sex for shelter or food?

7	-8 = Missing
56	1 = Yes
845	2 = No

507-508	E1E	In the past 12 months, have you ever received drugs in exchange for making or distributing drugs?

7	-8 = Missing
1	-7 = Refuse
121	1 = Yes
779	2 = No

509-510	E2	Are you currently on probation or parole?

8	-8 = Missing
81	1 = Yes
819	2 = No

511-512	E3	How many times in the last 12 months, if any, have you been arrested?

14	-8 = Missing
668	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
148	1
43	2
16	3
5	4
14	5-75 times

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

513-514   E4A   Have you ever, in your lifetime, manufactured, sold, or intended to distribute drugs?

14	-8 = Missing
1	-7 = Refuse
262	1 = Yes
629	2 = No
2	3 = Edited yes

515-516   E4B   Were you ever arrested for manufacturing, selling, or intending to distribute drugs?

629	-9 = Legitimate skip
14	-8 = Missing
107	1 = Yes
158	2 = No

517-518   E5A   Have you ever, in your lifetime, committed a property offense, such as burglary, larceny, or theft?

13	-8 = Missing
189	1 = Yes
698	2 = No
8	3 = Edited yes

519-520   E5B   Were you ever arrested for committing a property offense, such as burglary, larceny, or theft?

698	-9 = Legitimate skip
11	-8 = Missing
134	1 = Yes
65	2 = No

521-522   E6A   Have you ever, in your lifetime, committed a robbery, mugging, or purse snatching with force?

14	-8 = Missing
83	1 = Yes
809	2 = No
2	3 = Edited yes

523-524   E6B   Were you ever arrested for committing a robbery, mugging, or purse snatching with force?

809	-9 = Legitimate skip
11	-8 = Missing
52	1 = Yes
36	2 = No

525-526   E7A   Have you ever, in your lifetime, committed an attack on a person, such as assault, kidnapping, rape, manslaughter, or homicide?

13	-8 = Missing
100	1 = Yes
791	2 = No
4	3 = Edited yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

527-528   E7B   Were you ever arrested for committing an attack on a person, such as assault, kidnapping, rape, manslaughter, or homicide?

791   -9 = Legitimate skip
12   -8 = Missing
63   1 = Yes
42   2 = No

Section F: Physical Health

529-530   F1A   In the last 12 months, have you been told by a doctor or nurse that you have hepatitis or yellow jaundice?

9   -8 = Missing
1   -4 = Don't know
13   1 = Yes
885   2 = No

531-532   F1B   In the last 12 months, have you been told by a doctor or nurse that you have syphilis, gonorrhea, or other sexually transmitted diseases?

9   -8 = Missing
68   1 = Yes
831   2 = No

533-534   F1C   In the last 12 months, have you been told by a doctor or nurse that you have tuberculosis (TB)?

10   -8 = Missing
9   1 = Yes
889   2 = No

535-536   F1D   In the last 12 months, have you been told by a doctor or nurse that you have AIDS, ARC, or HIV?

9   -8 = Missing
15   1 = Yes
884   2 = No

537-538   F2A   During the last 12 months, did you have any respiratory system or breathing problems such as bronchitis, asthma, hay fever, pneumonia, emphysema, flu, or colds?

7   -8 = Missing
480   1 = Yes
421   2 = No

539-540   F2B   During the last 12 months, did you have any heart or circulatory system problems including high blood pressure, anemia, heart disease?

9   -8 = Missing
208   1 = Yes
691   2 = No

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COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

541-542	F2C		During the last 12 months, did you have any digestive system or stomach problems such as ulcers or colitis?
		9	-8 = Missing
		110	1 = Yes
		789	2 = No

543-544	F2D		During the last 12 months, did you have any bone and muscle problems such as paralysis, bursitis, arthritis?
		9	-8 = Missing
		164	1 = Yes
		735	2 = No

545-546	F2E		During the last 12 months, did you have any nervous system problems such as epilepsy, migraines, convulsions?
		10	-8 = Missing
		118	1 = Yes
		780	2 = No

547-548	F2F		During the last 12 months, did you have any skin ulcers or rashes?
		13	-8 = Missing
		100	1 = Yes
		795	2 = No

549-551	F2A_C		First specified condition or illness
		527	0 = None
			See Table B in Appendix A for description of codes 1 to 145
		1	1
		8	2
		43	3
		31	4
		31	5
		16	6
		1	7
		40	8
		155	9
		2	10
		17	12
		5	13
		4	14
		1	15
		3	17
		1	19
		1	22
		9	23
		2	24
		1	25
		3	26
		1	27
		1	29
		1	106
		1	108

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE
(CONT'D)	F2A_C	First specified condition or illness	
		1	129
		1	136

552-554	F2B_C	Second specified condition or illness	
		703	0 = None
			See Table B in Appendix A for description of codes 1 to 145
		9	4
		9	5
		1	6
		22	8
		52	9
		1	10
		1	11
		41	12
		17	13
		3	14
		1	15
		1	16
		14	17
		1	19
		1	22
		9	23
		1	24
		2	26
		3	27
		6	29
		1	30
		1	32
		1	44
		2	51
		1	56
		1	71
		1	113
		1	130
		1	137

555-557	F2C_C	Third specified condition or illness	
		800	0 = None
			See Table B in Appendix A for description of codes 1 to 145
		3	3
		1	4
		2	5
		1	6
		1	8
		16	9
		15	12
		6	13
		8	14
		1	15
		3	16
		14	17
		2	19
		1	21

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE
(CONT'D)	F2C_C		Third specified condition or illness
		18	23
		1	25
		7	26
		1	27
		4	29
		1	51
		1	55
		1	101

558-560   F2D_C   Fourth specified condition or illness

		COUNT	CODE VALUE
		850	0 = None
			See Table B in Appendix A for description of codes 1 to 145
		1	8
		1	9
		4	12
		1	13
		3	14
		1	15
		4	17
		1	18
		2	20
		2	21
		2	22
		16	23
		1	25
		6	26
		1	28
		4	29
		1	60
		1	72
		2	82
		1	103
		1	110
		1	134
		1	135

561-563   F2E_C   Fifth specified condition or illness

		COUNT	CODE VALUE
		872	0 = None
			See Table B in Appendix A for description of codes 1 to 145
		1	9
		2	17
		1	20
		10	23
		1	24
		2	25
		7	26
		1	27
		8	29
		1	56
		1	98
		1	144

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

564-566   F2F_C   Sixth specified condition or illness

891	0 = None
	See Table B in Appendix A for description of codes 1 to 145
1	12
1	20
1	23
1	25
5	26
1	28
6	29
1	99

567-568   F3   Are you currently taking any prescribed medication on a regular basis
for a physical problem? [IF 2, SKIP TO F4]

9	-8 = Missing
203	1 = Yes
694	2 = No
2	3 = Edited yes

    F3A   For what problems?

569-571   F3A_A   First specified condition or illness

694	-9 = Legitimate skip
19	-8 = Missing
195	1+ = Condition code (see Table B in Appendix A for descriptions of codes 1 to 145)

572-574   F3A_B   Second specified condition or illness

694	-9 = Legitimate skip
19	-8 = Missing
163	0 = None
32	1+ = Condition code (see Table B in Appendix A for descriptions of codes 1 to 145)

575-577   F3A_C   Third specified condition or illness

694	-9 = Legitimate skip
19	-8 = Missing
187	0 = None
8	1+ = Condition code (see Table B in Appendix A for descriptions of codes 1 to 145)

578-579   F4   Have you ever been pregnant? [IF 2, SKIP TO F5]

601	-9 = Legitimate skip
10	-8 = Missing
266	1 = Yes
27	2 = No
4	3 = Edited yes

580-581   F4A   Approximately when did your last pregnancy begin?

628	-9 = Legitimate skip
10	-8 = Missing
34	3 = 1 or more months ago, but less than 6 months ago
34	4 = 6 or more months ago, but less than 1 year ago
66	5 = 1 or more years ago, but less than 3 years ago
136	6 = 3 or more years ago

582-583   F4B   During your last pregnancy, how many cigarettes did you smoke per day?

628	-9 = Legitimate skip
10	-8 = Missing
1	-4 = Don't know
144	1 = None
8	2 = Less than one cigarette a day
48	3 = 1-5 cigarettes a day
34	4 = About 1/2 pack a day (6-15 cigarettes)
28	5 = About 1 pack a day (16-25 cigarettes)
2	6 = About 1 1/2 packs a day (26-35 cigarettes)
5	7 = About 2 packs or more a day (over 35 cigarettes)

584-585   F4C   During your last pregnancy, how often did you usually drink alcoholic beverages, that is, beer, wine, or liquor?

628	-9 = Legitimate skip
10	-8 = Missing
14	1 = Daily
4	2 = Almost daily or 3-6 days a week
20	3 = 1-2 days a week
7	4 = Several times a month
27	5 = Monthly or less
198	6 = Never

586-587   F4D   During your pregnancy, did you ever take drugs or medications?

629	-9 = Legitimate skip
16	-8 = Missing
41	0 = No drugs used [SKIP TO F5]
222	1 = Yes, used some of the drugs below during pregnancy

588-589   F4D1   During your last pregnancy, did you ever take MARIJUANA?

851	-9 = Legitimate skip
18	-8 = Missing
27	0 = Not this drug, but some other drug in list
12	1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

590-591   F4E1   How often during your pregnancy did you use MARIJUANA?

		851	-9 = Legitimate skip
		18	-8 = Missing
		27	0 = Not this drug, but some other drug in list
		2	1 = Daily
		1	2 = 3-6 days/week
		1	3 = 1-2 days/week
		3	4 = 2-4 times/month
		5	5 = 1 time or less/month

592-593   F4D2   During your last pregnancy, did you ever take INHALANTS?

		851	-9 = Legitimate skip
		18	-8 = Missing
		39	0 = Not this drug, but some other drug in list

594-595   F4E2   How often during your pregnancy did you use INHALANTS?

		851	-9 = Legitimate skip
		18	-8 = Missing
		39	0 = Not this drug, but some other drug in list

596-597   F4D3   During your last pregnancy, did you ever take CRACK COCAINE?

		851	-9 = Legitimate skip
		17	-8 = Missing
		20	0 = Not this drug, but some other drug in list
		20	1 = Yes

598-599   F4E3   How often during your pregnancy did you use CRACK COCAINE?

		851	-9 = Legitimate skip
		18	-8 = Missing
		20	0 = Not this drug, but some other drug in list
		2	1 = Daily
		9	2 = 3-6 days/week
		5	3 = 1-2 days/week
		1	4 = 2-4 times/month
		2	5 = 1 time or less/month

600-601   F4D4   During your last pregnancy, did you ever take OTHER COCAINE?

		851	-9 = Legitimate skip
		18	-8 = Missing
		35	0 = Not this drug, but some other drug in list
		4	1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

602-603   F4E4   How often during your pregnancy did you use OTHER COCAINE?

	COUNT	CODE VALUE
	851	-9 = Legitimate skip
	18	-8 = Missing
	35	0 = Not this drug, but some other drug in list
	1	2 = 3-6 days/week
	1	3 = 1-2 days/week
	1	4 = 2-4 times/month
	1	5 = 1 time or less/month

604-605   F4D5   During your last pregnancy, did you ever take HALLUCINOGENS?

	COUNT	CODE VALUE
	851	-9 = Legitimate skip
	18	-8 = Missing
	35	0 = Not this drug, but some other drug in list
	4	1 = Yes

606-607   F4E5   How often during your pregnancy did you use HALLUCINOGENS?

	COUNT	CODE VALUE
	851	-9 = Legitimate skip
	19	-8 = Missing
	35	0 = Not this drug, but some other drug in list
	1	1 = Daily
	2	4 = 2-4 times/month

608-609   F4D6   During your last pregnancy, did you ever take HEROIN?

	COUNT	CODE VALUE
	851	-9 = Legitimate skip
	17	-8 = Missing
	35	0 = Not this drug, but some other drug in list
	5	1 = Yes

610-611   F4E6   How often during your pregnancy did you use HEROIN?

	COUNT	CODE VALUE
	851	-9 = Legitimate skip
	17	-8 = Missing
	35	0 = Not this drug, but some other drug in list
	4	1 = Daily
	1	4 = 2-4 times/month

612-613   F4D7   During your last pregnancy, did you ever take SMOKABLE METHAMPHETAMINE?

	COUNT	CODE VALUE
	851	-9 = Legitimate skip
	18	-8 = Missing
	39	0 = Not this drug, but some other drug in list

614-615   F4E7   How often during your pregnancy did you use SMOKABLE METHAMPHETAMINE?

	COUNT	CODE VALUE
	851	-9 = Legitimate skip
	18	-8 = Missing
	39	0 = Not this drug, but some other drug in list

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

616-617   F4D8   During your last pregnancy, did you ever take OTHER STIMULANTS?

    851   -9 = Legitimate skip
    18   -8 = Missing
    37   0 = Not this drug, but some other drug in list
    2   1 = Yes

618-619   F4E8   How often during your pregnancy did you use OTHER STIMULANTS?

    851   -9 = Legitimate skip
    18   -8 = Missing
    37   0 = Not this drug, but some other drug in list
    2   1 = Daily

620-621   F4D9   During your last pregnancy, did you ever take SEDATIVES?

    851   -9 = Legitimate skip
    17   -8 = Missing
    37   0 = Not this drug, but some other drug in list
    3   1 = Yes

622-623   F4E9   How often during your pregnancy did you use SEDATIVES?

    851   -9 = Legitimate skip
    17   -8 = Missing
    37   0 = Not this drug, but some other drug in list
    1   3 = 1-2 days/week
    1   4 = 2-4 times/month
    1   5 = 1 time or less/month

624-625   F4D10   During your last pregnancy, did you ever take TRANQUILIZERS?

    851   -9 = Legitimate skip
    17   -8 = Missing
    36   0 = Not this drug, but some other drug in list
    4   1 = Yes

626-627   F4E10   How often during your pregnancy did you use TRANQUILIZERS?

    851   -9 = Legitimate skip
    17   -8 = Missing
    36   0 = Not this drug, but some other drug in list
    1   1 = Daily
    1   3 = 1-2 days/week
    2   5 = 1 time or less/month

628-629   F4D11   During your last pregnancy, did you ever take ANALGESICS?

    851   -9 = Legitimate skip
    18   -8 = Missing
    35   0 = Not this drug, but some other drug in list
    4   1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

630-631   **F4E11**   How often during your pregnancy did you use ANALGESICS?

851	-9 = Legitimate skip
18	-8 = Missing
35	0 = Not this drug, but some other drug in list
2	1 = Daily
1	3 = 1-2 days/week
1	5 = 1 time or less/month

632-633   **F5**   Do you belong to a health plan or have any health insurance such as Blue Cross/Blue Shield, Medicaid, or other insurance? [IF 2, SKIP TO F6]

13	-8 = Missing
3	-4 = Don't know
332	1 = Yes
551	2 = No
9	3 = Edited yes

634-635   **F5A1**   Was your health insurance coverage from a plan in your own name?

551	-9 = Legitimate skip
30	-8 = Missing
2	-4 = Don't know
37	0 = Not this answer, but some other answer in list
288	1 = Yes

636-637   **F5A2**   Was your health insurance coverage from a plan in your spouse's name?

551	-9 = Legitimate skip
30	-8 = Missing
2	-4 = Don't know
313	0 = Not this answer, but some other answer in list
12	1 = Yes

638-639   **F5A3**   Was your health insurance coverage from a plan in your parents' name?

551	-9 = Legitimate skip
30	-8 = Missing
2	-4 = Don't know
307	0 = Not this answer, but some other answer in list
18	1 = Yes

640-641   **F5A4**   Was your health insurance coverage from a plan in some other relative's name?

551	-9 = Legitimate skip
30	-8 = Missing
2	-4 = Don't know
323	0 = Not this answer, but some other answer in list
2	1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

642-643   F5A5   Was your health insurance coverage from a plan in someone else's name?

	551	-9 = Legitimate skip
	30	-8 = Missing
	2	-4 = Don't know
	315	0 = Not this answer, but some other answer in list
	10	1 = Yes

644-645   F5B   What type of health plan or insurance do you have?
(RESPONSES WERE RECODED INTO PUBLIC/NONPUBLIC ONLY)

	551	-9 = Legitimate skip
	20	-8 = Missing
	108	0 = Non public
	229	1 = Public (Medicare or Medicaid)

F5C   Was your insurance obtained directly by you or a member of your family, through a current employer, former employer, union, or other group?

646-647   F5C1   DIRECTLY BY RESPONDENT

	803	-9 = Legitimate skip
	20	-8 = Missing
	5	-4 = Don't know
	55	0 = Not this answer, but some other answer in list
	25	1 = Yes

648-649   F5C2   CURRENT EMPLOYER

	803	-9 = Legitimate skip
	20	-8 = Missing
	5	-4 = Don't know
	49	0 = Not this answer, but some other answer in list
	31	1 = Yes

650-651   F5C3   FORMER EMPLOYER

	803	-9 = Legitimate skip
	20	-8 = Missing
	5	-4 = Don't know
	66	0 = Not this answer, but some other answer in list
	14	1 = Yes

652-653   F5C4   UNION

	803	-9 = Legitimate skip
	20	-8 = Missing
	5	-4 = Don't know
	78	0 = Not this answer, but some other answer in list
	2	1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

654-655 F5C5 OTHER GROUP

	803	-9 = Legitimate skip
	20	-8 = Missing
	5	-4 = Don't know
	71	0 = Not this answer, but some other answer in list
	9	1 = Yes

656-657 F5C5SP Other group specified.

	803	-9 = Legitimate skip
	24	-8 = Missing
	1	-4 = Don't know
	73	0 = Not this answer, but some other answer in list
	7	1 = Other answer specified

658-659 F5D Would this (these) health plan(s) or insurance cover some or all of the cost of treatment for drug abuse?

	551	-9 = Legitimate skip
	19	-8 = Missing
	2	-4 = Don't know
	100	1 = All or most
	36	2 = Some
	30	3 = None
	170	9 = Does not know

660-662 F6 How many times in your life have you been hospitalized overnight for a medical problem? [IF 0, SKIP TO F7]

	20	-8 = Missing
	1	-4 = Don't know
	201	0 = None
		ACTUAL NUMBER (values may be grouped to save space)
	202	1
	156	2
	106	3
	68	4
	53	5
	66	6-10
	35	11-500 times

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

663-665   F6A   In the past 12 months, how many times have you been hospitalized overnight for medical problems?

201	-9 = Legitimate skip
15	-8 = Missing
2	-4 = Don't know
453	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
162	1
40	2
19	3
3	4
2	5
7	6-10
4	11-20 times

666-667   F6B   When was the last time you were hospitalized overnight for medical problems?

201	-9 = Legitimate skip
17	-8 = Missing
3	-4 = Don't know
15	1 = Within the past week (7 days)
28	2 = Within the past month (30 days)
110	3 = 1 or more months ago, but less than 6 months ago
93	4 = 6 or more months ago, but less than 1 year ago
116	5 = 1 or more years ago, but less than 3 years ago
325	6 = 3 or more years ago

668-670   F6C   For how many nights were you in the hospital for that particular stay?

201	-9 = Legitimate skip
24	-8 = Missing
5	-4 = Don't know
6	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
129	1
90	2
88	3
47	4
33	5
19	6
80	7
91	8-14
55	15-30
30	31-90
10	91-545 nights

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

671-673   F7   How many times in your life have you been treated in an emergency room for a medical problem? [IF 0, SKIP TO F8]

27	-8 = Missing
1	-5 = Bad or illegible data
1	-4 = Don't know
161	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
142	1
118	2
82	3
65	4
60	5
136	6-10
71	11-20
44	21-999 times

674-675   F7A   When was the last time you were treated in an emergency room for a medical problem? [IF 5 OR 6, SKIP TO F8]

161	-9 = Legitimate skip
16	-8 = Missing
3	-4 = Don't know
41	1 = Within the past week (7 days)
55	2 = Within the past month (30 days)
148	3 = 1 or more months ago, but less than 6 months ago
97	4 = 6 or more months ago, but less than 1 year ago
155	5 = 1 or more years ago, but less than 3 years ago
210	6 = 3 or more years ago
22	8 = Edited past 12 months

676-678   F7B   In the past 12 months, how many times have you been treated in an emergency room for a medical problem?

526	-9 = Legitimate skip
16	-8 = Missing
1	-5 = Bad or illegible data
1	-4 = Don't know
33	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
183	1
63	2
26	3
20	4
12	5
19	6-10
8	11-300 times

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE
679-681	F7C1		How many of these times were related to your alcohol use?
		526	-9 = Legitimate skip
		18	-8 = Missing
		313	0 = None
			ACTUAL NUMBER (values may be grouped to save space)
		22	1
		14	2
		5	3
		2	5
		3	6-10
		5	11-300 times
682-684	F7C2		How many of these times were related to your drug use?
		526	-9 = Legitimate skip
		19	-8 = Missing
		326	0 = None
			ACTUAL NUMBER (values may be grouped to save space)
		25	1
		5	2
		1	3
		3	4
		2	5
		1	8 times
685-687	F7C3		How many of these times were related to both?
		526	-9 = Legitimate skip
		19	-8 = Missing
		340	0 = None
			ACTUAL NUMBER (values may be grouped to save space)
		16	1
		4	2
		1	3
		1	4
		1	6 times
688-689	F8		Excluding hospitalizations and emergency room visits, when was the last time you visited a doctor or other health professional? [IF 5 OR 6, SKIP TO SECTION G]
		33	-8 = Missing
		1	-5 = Bad or illegible data
		2	-4 = Don't know
		126	1 = Within the past week (7 days)
		162	2 = Within the past month (30 days)
		175	3 = 1 or more months ago, but less than 6 months ago
		85	4 = 6 or more months ago, but less than 1 year ago
		128	5 = 1 or more years ago, but less than 3 years ago
		165	6 = 3 or more years ago
		31	8 = Edited past 12 months

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

690-692   F8A   In the past 12 months, how many times have you been to a doctor or other health professional—again, excluding hospitalizations and emergency room visits? [IF 0, SKIP TO SECTION G]

293	-9 = Legitimate skip
54	-8 = Missing
59	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
181	1
73	2
53	3
35	4
31	5
60	6-10
47	11-20
22	21-180 times

Section G: Psychological Status

693-694   G1a.   Have you had a significant period in your life in which you experienced serious depression?

8	-8 = Missing
519	1 = Yes
375	2 = No
6	3 = Edited yes

695-696   G1b.   Have you had a significant period in the past 30 days in which you experienced serious depression?

381	-9 = Legitimate skip
7	-8 = Missing
275	1 = Yes
245	2 = No

697-698   G2a.   Have you had a significant period in your life in which you experienced serious anxiety or tension?

10	-8 = Missing
445	1 = Yes
447	2 = No
6	3 = Edited yes

699-700   G2b.   Have you had a significant period in the past 30 days in which you experienced serious anxiety or tension?

454	-9 = Legitimate skip
7	-8 = Missing
301	1 = Yes
146	2 = No

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

701-702 **G3a.** Have you had a significant period in your life in which you experienced hallucinations?

		16	-8 = Missing
		111	1 = Yes
		778	2 = No
		3	3 = Edited yes

703-704 **G3b.** Have you had a significant period in the past 30 days in which you experienced hallucinations?

		778	-9 = Legitimate skip
		13	-8 = Missing
		57	1 = Yes
		60	2 = No

705-706 **G4a.** Have you had a significant period in your life in which you experienced trouble understanding, concentrating, or remembering?

		13	-8 = Missing
		1	-4 = Don't know
		300	1 = Yes
		590	2 = No
		4	3 = Edited yes

707-708 **G4b.** Have you had a significant period in the past 30 days in which you experienced trouble understanding, concentrating, or remembering?

		596	-9 = Legitimate skip
		10	-8 = Missing
		1	-4 = Don't know
		210	1 = Yes
		91	2 = No

709-710 **G5a.** Have you had a significant period in your life in which you experienced trouble controlling yourself or your thoughts?

		16	-8 = Missing
		1	-4 = Don't know
		241	1 = Yes
		646	2 = No
		4	3 = Edited yes

711-712 **G5b.** Have you had a significant period in in the past 30 days in which you experienced trouble controlling yourself or your thoughts?

		650	-9 = Legitimate skip
		13	-8 = Missing
		171	1 = Yes
		74	2 = No

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

713-714 G6a. Have you had a significant period in your life in which you got into arguments or fights with other people?

13	-8 = Missing
594	1 = Yes
298	2 = No
3	3 = Edited yes

715-716 G6b. Have you had a significant period in the past 30 days in which you got into arguments or fights with other people?

309	-9 = Legitimate skip
11	-8 = Missing
358	1 = Yes
230	2 = No

717-718 G7a. Have you had a significant period in your life in which you felt suspicious and distrustful of people?

13	-8 = Missing
561	1 = Yes
330	2 = No
4	3 = Edited yes

719-720 G7b. Have you had a significant period in the past 30 days in which you felt suspicious and distrustful of people?

340	-9 = Legitimate skip
10	-8 = Missing
1	-4 = Don't know
454	1 = Yes
103	2 = No

721-722 G8a. Have you had a significant period in your life in which you experienced serious thoughts of suicide?

16	-8 = Missing
229	1 = Yes
657	2 = No
6	3 = Edited yes

723-724 G8b. Have you had a significant period in the past 30 days in which you experienced serious thoughts of suicide?

671	-9 = Legitimate skip
11	-8 = Missing
85	1 = Yes
140	2 = No
1	3 = Edited yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

725-726   G9a.   Have you had a significant period in your life in which you ever attempted suicide?

657	-9 = Legitimate skip
38	-8 = Missing
112	1 = Yes
101	2 = No

727-728   G9b.   Have you had a significant period in the past 30 days in which you ever attempted suicide?

775	-9 = Legitimate skip
34	-8 = Missing
12	1 = Yes
87	2 = No

729-731   G10.   How many times, if any, have you been admitted to a hospital for any kind of psychological or emotional problem, or for your "nerves"?
[IF 0, SKIP TO G11]

16	-8 = Missing
1	-7 = Refuse
747	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
78	1
19	2
10	3
7	4
6	5
16	6-10
8	11-50 times

732-733   G10a.   When was the last time you were in a hospital for any kind of psychological or emotional problem, or for your "nerves"?

747	-9 = Legitimate skip
9	-8 = Missing
1	-7 = Refuse
3	1 = Within the past week (7 days)
4	2 = Within the past month (30 days)
21	3 = 1 or more months ago, but less than 6 months ago
10	4 = 6 or more months ago, but less than 1 year ago
23	5 = 1 or more years ago, but less than 3 years ago
90	6 = 3 or more years ago

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

734-736 **G10b.** How many days were you in the hospital during that stay?

747	-9 = Legitimate skip
18	-8 = Missing
1	-5 = Bad or illegible data
	ACTUAL NUMBER (values may be grouped to save space)
6	1
5	2
10	3
1	4
6	5
1	6
10	7
25	8-14
12	15-21
4	22-29
18	30
27	31-90
17	91-854 days

737-739 **G11.** How many times, if any, have you been treated as an outpatient in a clinic or doctor's office for any kind of psychological or emotional problem, or for your "nerves"? [IF 0, SKIP TO G12]

27	-8 = Missing
1	-5 = Bad or illegible data
1	-4 = Don't know
722	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
64	1
23	2
15	3
10	4
6	5
18	6-10
12	11-50
9	51-520 times

740-741 **G11a.** When was the last time you were treated as an outpatient in a clinic or doctor's office for any kind of psychological or emotional problems, or for your "nerves"?

722	-9 = Legitimate skip
27	-8 = Missing
1	-7 = Refuse
28	1 = Within the past week (7 days)
21	2 = Within the past month (30 days)
11	3 = 1 or more months ago, but less than 6 months ago
9	4 = 6 or more months ago, but less than 1 year ago
17	5 = 1 or more years ago, but less than 3 years ago
72	6 = 3 or more years ago

742-744 **G11b.** How many weeks (were you/have you been) in treatment or counseling?

722	-9 = Legitimate skip
29	-8 = Missing
4	-5 = Bad or illegible data
1	-4 = Don't know
12	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
18	1
12	2
11	3
15	4
32	5-12
19	13-26
15	27-52
18	53-780

745-746 **G12.** Have you ever taken any prescribed medicine for a psychological or emotional problem, or for your "nerves"? [IF 2, SKIP TO SECTION H]

20	-8 = Missing
1	-7 = Refuse
143	1 = Yes
741	2 = No
3	3 = Edited yes

G12a. What was the name of the medicine or what was it for?

747-748 **G12a1.** ASCENDIN

741	-9 = Legitimate skip
25	-8 = Missing
1	-7 = Refuse
6	-4 = Don't know
134	0 = Not this medicine, but some other medicine in list
1	1 = Yes

749-750 **G12a2.** AVENTYL

741	-9 = Legitimate skip
25	-8 = Missing
1	-7 = Refuse
6	-4 = Don't know
135	0 = Not this medicine, but some other medicine in list

751-752 **G12a3.** CLOZARIL

741	-9 = Legitimate skip
25	-8 = Missing
1	-7 = Refuse
6	-4 = Don't know
135	0 = Not this medicine, but some other medicine in list

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE
753-754	G12a4.	DESYREL	
		741	-9 = Legitimate skip
		25	-8 = Missing
		1	-7 = Refuse
		6	-4 = Don't know
		133	0 = Not this medicine, but some other medicine in list
		2	1 = Yes
755-756	G12a5.	ELAVIL	
		741	-9 = Legitimate skip
		25	-8 = Missing
		1	-7 = Refuse
		6	-4 = Don't know
		123	0 = Not this medicine, but some other medicine in list
		12	1 = Yes
757-758	G12a6.	HALDOL	
		741	-9 = Legitimate skip
		25	-8 = Missing
		1	-7 = Refuse
		6	-4 = Don't know
		116	0 = Not this medicine, but some other medicine in list
		19	1 = Yes
759-760	G12a7.	LITHIUM	
		741	-9 = Legitimate skip
		25	-8 = Missing
		1	-7 = Refuse
		6	-4 = Don't know
		115	0 = Not this medicine, but some other medicine in list
		20	1 = Yes
761-762	G12a8.	LOXITANE	
		741	-9 = Legitimate skip
		25	-8 = Missing
		1	-7 = Refuse
		6	-4 = Don't know
		133	0 = Not this medicine, but some other medicine in list
		2	1 = Yes
763-764	G12a9.	LUDIOMIL	
		741	-9 = Legitimate skip
		25	-8 = Missing
		1	-7 = Refuse
		6	-4 = Don't know
		134	0 = Not this medicine, but some other medicine in list
		1	1 = Yes

COLUMN LOCATION	QRE. ITEM		COUNT	CODE VALUE
765-766	G12a10.	MELLARIL		
			741	-9 = Legitimate skip
			25	-8 = Missing
			1	-7 = Refuse
			6	-4 = Don't know
			117	0 = Not this medicine, but some other medicine in list
			18	1 = Yes
767-768	G12a11.	MOBAN		
			741	-9 = Legitimate skip
			25	-8 = Missing
			1	-7 = Refuse
			6	-4 = Don't know
			133	0 = Not this medicine, but some other medicine in list
			2	1 = Yes
769-770	G12a12.	NARDIL		
			741	-9 = Legitimate skip
			25	-8 = Missing
			1	-7 = Refuse
			6	-4 = Don't know
			134	0 = Not this medicine, but some other medicine in list
			1	1 = Yes
771-772	G12a13.	NAVANE		
			741	-9 = Legitimate skip
			25	-8 = Missing
			1	-7 = Refuse
			6	-4 = Don't know
			129	0 = Not this medicine, but some other medicine in list
			6	1 = Yes
773-774	G12a14.	NORPRAMIN		
			741	-9 = Legitimate skip
			25	-8 = Missing
			1	-7 = Refuse
			6	-4 = Don't know
			133	0 = Not this medicine, but some other medicine in list
			2	1 = Yes
775-776	G12a15.	PAMELOR		
			741	-9 = Legitimate skip
			25	-8 = Missing
			1	-7 = Refuse
			6	-4 = Don't know
			132	0 = Not this medicine, but some other medicine in list
			3	1 = Yes

COLUMN LOCATION	QRE. ITEM		COUNT	CODE VALUE
777-778	G12a16.	PARNATE		
			741	-9 = Legitimate skip
			25	-8 = Missing
			1	-7 = Refuse
			6	-4 = Don't know
			135	0 = Not this medicine, but some other medicine in list
			0	1 = Yes
779-780	G12a17.	PROLIXIN		
			741	-9 = Legitimate skip
			25	-8 = Missing
			1	-7 = Refuse
			6	-4 = Don't know
			114	0 = Not this medicine, but some other medicine in list
			21	1 = Yes
781-782	G12a18.	PROZAC		
			741	-9 = Legitimate skip
			25	-8 = Missing
			1	-7 = Refuse
			6	-4 = Don't know
			123	0 = Not this medicine, but some other medicine in list
			12	1 = Yes
783-784	G12a19.	SERENTIL		
			741	-9 = Legitimate skip
			25	-8 = Missing
			1	-7 = Refuse
			6	-4 = Don't know
			133	0 = Not this medicine, but some other medicine in list
			2	1 = Yes
785-786	G12a20.	SINEQUAN		
			741	-9 = Legitimate skip
			25	-8 = Missing
			1	-7 = Refuse
			6	-4 = Don't know
			131	0 = Not this medicine, but some other medicine in list
			4	1 = Yes
787-788	G12a21.	STELAZINE		
			741	-9 = Legitimate skip
			25	-8 = Missing
			1	-7 = Refuse
			6	-4 = Don't know
			125	0 = Not this medicine, but some other medicine in list
			10	1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE
789-790	G12a22.	TEGRETOL	
		741	-9 = Legitimate skip
		25	-8 = Missing
		1	-7 = Refuse
		6	-4 = Don't know
		126	0 = Not this medicine, but some other medicine in list
		9	1 = Yes
791-792	G12a23.	THORAZINE	
		741	-9 = Legitimate skip
		25	-8 = Missing
		1	-7 = Refuse
		6	-4 = Don't know
		108	0 = Not this medicine, but some other medicine in list
		27	1 = Yes
793-794	G12a24.	TOFRANIL	
		741	-9 = Legitimate skip
		25	-8 = Missing
		1	-7 = Refuse
		6	-4 = Don't know
		131	0 = Not this medicine, but some other medicine in list
		4	1 = Yes
795-796	G12a25.	TRIAVIL	
		741	-9 = Legitimate skip
		25	-8 = Missing
		1	-7 = Refuse
		6	-4 = Don't know
		128	0 = Not this medicine, but some other medicine in list
		7	1 = Yes
797-798	G12a26.	TRILAFON	
		741	-9 = Legitimate skip
		25	-8 = Missing
		1	-7 = Refuse
		6	-4 = Don't know
		130	0 = Not this medicine, but some other medicine in list
		5	1 = Yes
799-800	G12a27.	VALPRIC ACID	
		741	-9 = Legitimate skip
		25	-8 = Missing
		1	-7 = Refuse
		6	-4 = Don't know
		132	0 = Not this medicine, but some other medicine in list
		3	1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE
801-802	G12a28.		OTHER MEDICINE (SPECIFY)
		741	-9 = Legitimate skip
		25	-8 = Missing
		1	-7 = Refuse
		6	-4 = Don't know
		83	0 = Not this medicine, but some other medicine in list
		52	1 = Yes
803-805	G12a28s1.		Other specified medicine
		741	-9 = Legitimate skip
		114	-8 = Missing
		1	-5 = Bad or illegible data
		6	-4 = Don't know
			See Table A in Appendix A for drug codes
		1	113
		1	115
		1	131
		1	141
		13	201
		1	206
		1	207
		6	209
		1	211
		1	213
		1	226
		1	228
		2	235
		1	250
		2	252
		1	362
		1	369
		5	371
		1	426
		1	435
		1	801
		1	827
		1	835
806-807	G12a29.		REASON
		741	-9 = Legitimate skip
		25	-8 = Missing
		1	-7 = Refuse
		6	-4 = Don't know
		84	0 = Not this medicine, but some other medicine in list
		51	1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE
808-809	G12a29s.	Other specified reason	

		741	-9 = Legitimate skip
		115	-8 = Missing
		1	-5 = Bad or illegible data
		5	-4 = Don't know
		13	30 = For nerves
		2	31 = Side effect medication
		13	32 = Depression
		2	33 = Help me sleep
		1	34 = Helps me from hearing voices
		3	35 = Paranoid schizophrenia
		1	36 = For PCP use
		1	37 = Calm down
		2	38 = Back surgery
		1	39 = Tension
		1	40 = Mood swings
		1	41 = Anxiety
		1	42 = Stomach
		2	43 = Seizures
		1	44 = Bipolar manic depression
		1	45 = To control anger

Section H: Employment and Finances

H1.   In what month and year did you last work for pay? [IF 0, SKIP TO H2]

810-811   H1mon.   Month

		21	-9 = Legitimate skip
		41	-8 = Missing
		4	-4 = Don't know
		82	1 = January
		93	2 = February
		102	3 = March
		74	4 = April
		75	5 = May
		193	6 = June
		25	7 = July
		25	8 = August
		42	9 = September
		32	10 = October
		41	11 = November
		58	12 = December

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

812-813   H1yr.   Year

		COUNT	CODE VALUE
		21	-9 = Legitimate skip
		7	-8 = Missing
		4	-4 = Don't know
			LAST 2 DIGITS OF ACTUAL YEAR
		1	58
		6	60-69
		12	70-79
		196	80-89
		237	90
		424	91

814-815   H1n.   Never worked for pay

		COUNT	CODE VALUE
		876	-9 = Legitimate skip
		11	-8 = Missing
		21	0 = Never worked for pay

816-818   H1b.   How many different jobs have you had in the past 12 months?

		COUNT	CODE VALUE
		292	-9 = Legitimate skip
		41	-8 = Missing
		1	-4 = Don't know
			ACTUAL NUMBER (values may be grouped to save space)
		276	1
		147	2
		68	3
		34	4
		15	5
		23	6-10
		11	11-250 jobs

819-820   H1c.   During the past 12 months, about how many of the 52 weeks were you employed in full- or part-time jobs? (IF LESS THAN ONE WEEK, RECORD 01)

		COUNT	CODE VALUE
		292	-9 = Legitimate skip
		45	-8 = Missing
			ACTUAL NUMBER (values may be grouped to save space)
		64	1-4
		69	5-12
		138	13-26
		141	27-40
		59	41-51
		100	52 weeks

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

821-823 H1d. During the last 30 days, how many hours did you usually work per week in a full- or part-time job?

312	-9 = Legitimate skip
41	-8 = Missing
227	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
32	1-8
30	9-16
45	17-24
45	25-32
24	33-39
115	40
37	41-168 hours

824-825 H2. Please look at this card and tell me which of the statements best describes your present work situation.

18	-8 = Missing
153	1 = Working full-time, 35 hours or more a week
110	2 = Working part-time, less than 35 hours a week
15	3 = Have a job, but not at work because of extended illness, maternity leave, furlough, or strike
359	4 = Unemployed or laid off and looking for work
89	5 = Unemployed and not looking for work
23	6 = Full-time homemaker
31	7 = In school only
10	8 = Retired
82	9 = Disabled, not able to work
1	10 = In prison
1	11 = In the military
3	12 = Unspecified
4	25 = Other employed (odd jobs, starts work in 2 days, semidisabled self
3	26 = Other not employed (relocating, waiting to get in training program, volunteer)
6	27 = Other undetermined (drug program, drinking problem, does not work unspecified)

H3   Next, we would like some information on your sources of income and expenses.

ASK PART "B" FOR EACH SOURCE CODED 1 IN PART "A." RECORD AMOUNT TO THE NEAREST DOLLAR IN COLUMN "B."

826-827 H3a. Have you ever received income from any job or self-employment?

24	-8 = Missing
753	1 = Yes
130	2 = No
1	3 = Edited yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

COLUMN LOCATION	QRE. ITEM		COUNT	CODE VALUE
828-830	H3b.			How much have you received in the past 30 days from any job or self-employment?
			130	-9 = Legitimate skip
			33	-8 = Missing
			2	-7 = Refuse
			57	999 = $999 or more
				ACTUAL DOLLARS (values may be grouped to save space)
			419	0
			53	$1-100
			50	$101-200
			44	$201-300
			27	$301-400
			8	$401-500
			85	$501-998
831-832	H4a.			Have you ever received income from illegal or possibly illegal sources such as hustling or dealing?
			26	-8 = Missing
			225	1 = Yes
			657	2 = No
833-835	H4b.			How much have you received in the past 30 days from illegal or possibly illegal sources such as hustling or dealing?
			657	-9 = Legitimate skip
			32	-8 = Missing
			20	999 = $999 or more
				ACTUAL DOLLARS (values may be grouped to save space)
			134	0
			24	$1-100
			10	$101-200
			8	$201-300
			4	$301-400
			10	$401-500
			9	$501-998
836-837	H5a.			Have you ever received income from Supplemental Security Income (SSI) for which you qualify because of low income?
			29	-8 = Missing
			62	1 = Yes
			816	2 = No
			1	3 = Edited yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

838-840   H5b.   How much have you received in the past 30 days from Supplemental
Security Income (SSI) for which you qualify because of low income?

816	-9 = Legitimate skip
30	-8 = Missing
1	-7 = Refuse
1	-5 = Bad or illegible data
1	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
26	0
4	$1-100
2	$101-200
4	$201-300
4	$301-400
15	$401-500
4	$501-998

841-842   H6a.   Have you ever received income from Social Security, Railroad
Retirement, or other retirement benefits you, your spouse, or your
parents earned through work?

31	-8 = Missing
52	1 = Yes
825	2 = No

843-845   H6b.   How much have you received in the past 30 days from Social Security,
Railroad Retirement, or other retirement benefits you, your spouse,
or your parents earned through work?

825	-9 = Legitimate skip
31	-8 = Missing
1	-7 = Refuse
1	-5 = Bad or illegible data
1	-4 = Don't know
0	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
26	0
0	$1-100
3	$101-200
2	$201-300
5	$301-400
8	$401-500
5	$501-998

846-847   H7a.   Have you ever received income from Veterans Administration payments?

32	-8 = Missing
35	1 = Yes
841	2 = No

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

848-850   H7b.   How much have you received in the past 30 days from Veterans Administration payments?

841	-9 = Legitimate skip
32	-8 = Missing
6	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
16	0
4	$1-100
0	$101-200
1	$201-300
0	$301-400
3	$401-500
5	$501-998

851-852   H8a.   Have you ever received income from unemployment compensation because of layoff, or worker's compensation because of injuries at work?

35	-8 = Missing
184	1 = Yes
689	2 = No

853-855   H8b.   How much have you received in the past 30 days from unemployment compensation because of layoff, or worker's compensation because of injuries at work?

689	-9 = Legitimate skip
35	-8 = Missing
1	-4 = Don't know
5	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
155	0
4	$1-100
4	$101-200
5	$201-300
1	$301-400
4	$401-500
5	$501-998

856-857   H9a.   Have you ever received income from Aid to Families with Dependent Children (AFDC) or Food Stamps?

26	-8 = Missing
450	1 = Yes
432	2 = No

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

858-860   H9b.   **How much have you received in the past 30 days from Aid to Families with Dependent Children (AFDC) or Food Stamps?**

432	-9 = Legitimate skip
28	-8 = Missing
2	-4 = Don't know
1	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
103	0
74	$1-100
166	$101-200
29	$201-300
27	$301-400
15	$401-500
31	$501-998

861-862   H10a.   **Have you ever received income from General Assistance (GA)?**

33	-8 = Missing
167	1 = Yes
708	2 = No

863-865   H10b.   **How much have you received in the past 30 days from General Assistance (GA)?**

708	-9 = Legitimate skip
35	-8 = Missing
1	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
62	0
8	$1-100
13	$101-200
33	$201-300
26	$301-400
10	$401-500
12	$501-998

866-867   H11a.   **Have you ever received income from other forms of public assistance?**

35	-8 = Missing
46	1 = Yes
826	2 = No
1	3 = Edited yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

868-870   **H11b.**   How much have you received in the past 30 days from other forms of public assistance?

826	-9 = Legitimate skip
35	-8 = Missing
1	-4 = Don't know
0	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
29	0
3	$1-100
6	$101-200
4	$201-300
2	$301-400
1	$401-500
1	$501-998

871-872   **H12a.**   Have you ever received income from spouse, family, or friends including alimony and child support?

31	-8 = Missing
258	1 = Yes
618	2 = No
1	3 = Edited yes

873-875   **H12b.**   How much have you received in the past 30 days from spouse, family, or friends including alimony and child support?

618	-9 = Legitimate skip
36	-8 = Missing
1	-4 = Don't know
4	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
98	0
106	$1-100
22	$101-200
8	$201-300
6	$301-400
5	$401-500
4	$501-998

876-877   **H13a.**   Have you ever received income from strangers or passers-by?

31	-8 = Missing
192	1 = Yes
685	2 = No

878-880   H13b.   How much have you received in the past 30 days from strangers or passers-by?

685	-9 = Legitimate skip
32	-8 = Missing
1	-4 = Don't know
2	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
39	0
114	$1-100
16	$101-200
9	$201-300
2	$301-400
6	$401-500
2	$501-998

881-882   H14a.   Have you ever received income from any other sources I did not mention?

128	-8 = Missing
31	1 = Yes
749	2 = No

883-885   H14b.   How much have you received in the past 30 days from any other sources
I did not mention?

749	-9 = Legitimate skip
129	-8 = Missing
0	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
14	0
9	$1-100
1	$101-200
3	$201-300
1	$301-400
1	$401-500
1	$501-998

886-887   H14a_a.   First source of other specified income

749	-9 = Legitimate skip
136	-8 = Missing
7	41 = Other entitlement/benefit (food voucher, housing, WIC, student loan, IRS refund, rent, disability, VA, separation pay, SSI, SSDI)
3	42 = Windfall (lottery, inheritance, finds money on street)
5	43 = Charity (church, family, shelter, soup kitchen)
8	44 = Self-initiated/"earned"/hustling (robbery, selling personal items, sells blood, recycling, panhandling)

888-889   H14a_b.   Second source of other specified income

771	-9 = Legitimate skip
135	-8 = Missing
1	41 = Other entitlement/benefit (food voucher, housing, WIC, student loan, IRS refund, rent, disability, VA, separation pay, SSI, SSDI)
1	43 = Charity (church, family, shelter, soup kitchen)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

890-891   **H14a_c.**   Third source of other specified income

773	-9 = Legitimate skip	
135	-8 = Missing	

892-894   **H15a.**   In the past 30 days, about how much did you spend on living expenses, including housing, rent or mortgage, food, clothes, transportation, etc.?

13	-8 = Missing
1	-7 = Refuse
3	-4 = Don't know
16	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
228	0
238	$1-100
133	$101-200
99	$201-300
62	$301-400
40	$401-500
75	$501-998

895-897   **H15b.**   In the past 30 days, about how much did you spend on medical expenses including prescriptions?

32	-8 = Missing
1	-4 = Don't know
1	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
760	0
104	$1-100
8	$101-200
0	$201-300
0	$301-400
2	$401-500
0	$501-998

898-900   **H15c.**   In the past 30 days, about how much did you spend on alcohol, including wine, beer, or liquor?

28	-8 = Missing
2	-4 = Don't know
2	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
471	0
343	$1-100
37	$101-200
11	$201-300
6	$301-400
6	$401-500
2	$501-998

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

901-903   **H15d.**   In the past 30 days, about how much did you spend on illicit drugs or drugs for nonmedical uses?

32	-8 = Missing
21	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
715	0
66	$1-100
24	$101-200
12	$201-300
8	$301-400
13	$401-500
17	$501-998

904-906   **H15e.**   In the past 30 days, about how much did you spend on other expenses I did not mention?

42	-8 = Missing
1	-7 = Refuse
1	-4 = Don't know
4	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
736	0
94	$1-100
16	$101-200
9	$201-300
0	$301-400
2	$401-500
3	$501-998

907-908   **H16a.**   (Since you became homeless/While you were homeless), have you lost or had your application denied for AFDC?

34	-8 = Missing
42	1 = Yes
832	2 = No

909-910   **H16b.**   (Since you became homeless/While you were homeless), have you lost or had your application denied for Food Stamps?

26	-8 = Missing
79	1 = Yes
803	2 = No

911-912   **H16c.**   (Since you became homeless/While you were homeless), have you lost or had your application denied for Public/General Assistance?

28	-8 = Missing
80	1 = Yes
800	2 = No

913-914 **H16d.** (Since you became homeless/While you were homeless), have you lost or had your application denied for Medicaid/Medicare?

27	-8 = Missing
57	1 = Yes
824	2 = No

915-916 **H16e.** (Since you became homeless/While you were homeless), have you lost or had your application denied for any other public assistance programs?

42	-8 = Missing
21	1 = Yes
845	2 = No

917-918 **H16e_a.** First other specified type of benefit had or applied for.

845	-9 = Legitimate skip
48	-8 = Missing
15	41 = Other entitlements/benefits
1	32=SSDI

919-920 **H16e_aa.** (Since you became homeless/While you were homeless), was first other specified type of benefit lost or denied?

845	-9 = Legitimate skip
48	-8 = Missing
15	1 = Yes

921-922 **H16e_b.** Second other specified type of benefit had or applied for.

859	-9 = Legitimate skip
48	-8 = Missing
1	25=VA budget

923-924 **H16e_bb.** (Since you became homeless/While you were homeless), was second other specified type of benefit lost or denied?

859	-9 = Legitimate skip
48	-8 = Missing
1	1 = Yes

Section I: Population Movement

925-926 **I1a.** Have you ever lived in your own house, apartment, or room?

27	-8 = Missing
729	1 = Yes
150	2 = No
2	3 = Edited yes

COLUMN LOCATION	QRE. ITEM		COUNT	CODE VALUE

927-928   I1bm.

Approximately how many months did you live in the past 12 months in your own house, apartment, or room?

150	-9 = Legitimate skip
36	-8 = Missing
1	-5 = Bad or illegible data
1	-4 = Don't know
	ACTUAL NUMBER (values may be grouped to save space)
301	0 = None
15	1
23	2
30	3
32	4
21	5
51	6
16	7
18	8
29	9
31	10
41	11
112	12 months

929-930   I1bw.

Approximately how many weeks did you live in the past 12 months in your own house, apartment, or room?

150	-9 = Legitimate skip
36	-8 = Missing
1	-5 = Bad or illegible data
1	-4 = Don't know
	ACTUAL NUMBER (values may be grouped to save space)
680	0 = None
7	1
15	2
12	3
1	4
3	6-12
2	13-45 weeks

931-932   I2a.

Have you ever lived in a friend or relative's house, apartment, or room?

43	-8 = Missing
672	1 = Yes
192	2 = No
1	3 = Edited yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

933-934   l2bm.   Approximately how many months did you live in the past 12 months in a friend or relative's house, apartment, or room?

COUNT	CODE VALUE
192	-9 = Legitimate skip
50	-8 = Missing
	ACTUAL NUMBER (values may be grouped to save space)
284	0 = None
40	1
50	2
42	3
29	4
15	5
41	6
22	7
21	8
21	9
13	10
17	11
71	12 months

935-936   l2bw.   Approximately how many weeks did you live in the past 12 months in a friend or relative's house, apartment, or room?

COUNT	CODE VALUE
192	-9 = Legitimate skip
49	-8 = Missing
	ACTUAL NUMBER (values may be grouped to save space)
573	0 = None
31	1
33	2
17	3
4	4
7	5-12
2	13-49 weeks

937-938   l3a.   Have you ever lived in an unsupervised dormitory or quarters, such as at college, religious or military quarters, or agriculture or other workers' quarters?

COUNT	CODE VALUE
65	-8 = Missing
160	1 = Yes
683	2 = No

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

939-940   I3bm.   Approximately how many months did you live in the past 12 months in an unsupervised dormitory or quarters, such as at college, religious or military quarters, or agriculture or other workers' quarters?

683	-9 = Legitimate skip
68	-8 = Missing
	ACTUAL NUMBER (values may be grouped to save space)
128	0 = None
4	1
5	3
1	4
1	5
3	6
2	7
1	9
12	12 months

941-942   I3bw.   Approximately how many weeks did you live in the past 12 months in an unsupervised dormitory or quarters, such as at college, religious or military quarters, or agriculture or other workers' quarters?

683	-9 = Legitimate skip
69	-8 = Missing
154	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
1	1
1	2 weeks

943-944   I4a.   Have you ever lived in a nursing home or any other kind of group home?

66	-8 = Missing
47	1 = Yes
795	2 = No

945-946   I4bm.   Approximately how many months did you live in the past 12 months in a nursing home or any other kind of group home?

795	-9 = Legitimate skip
68	-8 = Missing
	ACTUAL NUMBER (values may be grouped to save space)
31	0 = None
3	1
1	2
3	3
1	4
1	5
1	6
1	8
1	9
2	12 months

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

947-948   14bw.   Approximately how many weeks did you live in the past 12 months in a nursing home or any other kind of group home?

		795	-9 = Legitimate skip
		68	-8 = Missing
			ACTUAL NUMBER (values may be grouped to save space)
		44	0 = None
		1	1 week

949-950   15a.   Have you ever lived in any kind of hospital or residential facility for medical, mental, alcohol, or drug-related problems?

		62	-8 = Missing
		230	1 = Yes
		616	2 = No

951-952   15bm.   Approximately how many months did you live in the past 12 months in any kind of hospital or residential facility for medical, mental, alcohol, or drug-related problems?

		616	-9 = Legitimate skip
		65	-8 = Missing
			ACTUAL NUMBER (values may be grouped to save space)
		148	0 = None
		31	1
		15	2
		11	3
		4	4
		4	5
		7	6
		1	8
		1	9
		2	10
		3	12 months

953-954   15bw.   Approximately how many weeks did you live in the past 12 months in any kind of hospital or residential facility for medical, mental, alcohol, or drug-related problems?

		616	-9 = Legitimate skip
		65	-8 = Missing
		186	0 = None
			ACTUAL NUMBER (values may be grouped to save space)
		15	1
		14	2
		6	3
		3	4
		2	5-12
		1	13-30 weeks

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

955-956   **I6a.**   Have you ever lived in jail, detention center, correctional halfway house, or other correctional institutions?

64	-8 = Missing
1	-7 = Refuse
246	1 = Yes
596	2 = No
1	3 = Edited yes

957-958   **I6bm.**   Approximately how many months did you live in the past 12 months in jail, detention center, correctional halfway house, or other correctional institutions?

596	-9 = Legitimate skip
69	-8 = Missing
1	-7 = Refuse
	ACTUAL NUMBER (values may be grouped to save space)
169	0 = None
16	1
12	2
11	3
4	4
4	5
4	6
3	7
2	8
1	9
1	11
15	12 months

959-960   **I6bw.**   Approximately how many weeks did you live in the past 12 months in jail, detention center, correctional halfway house, or other correctional institutions?

596	-9 = Legitimate skip
68	-8 = Missing
1	-7 = Refuse
	ACTUAL NUMBER (values may be grouped to save space)
200	0 = None
23	1
12	2
3	3
2	4
2	5-13
1	14-30 weeks

961-962   **I7a.**   Have you ever lived in campgrounds or emergency shelter for the homeless, runaways, neglected, or abused women?

28	-8 = Missing
702	1 = Yes
177	2 = No
1	3 = Edited yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

963-964   I7bm.   **Approximately how many months did you live in the past 12 months in campgrounds or emergency shelter for the homeless, runaways, neglected, or abused women?**

COUNT	CODE VALUE
177	-9 = Legitimate skip
32	-8 = Missing
	ACTUAL NUMBER (values may be grouped to save space)
181	0 = None
70	1
67	2
61	3
39	4
36	5
53	6
17	7
24	8
15	9
11	10
14	11
111	12 months

965-966   I7bw.   **Approximately how many weeks did you live in the past 12 months in campgrounds or emergency shelter for the homeless, runaways, neglected, or abused women?**

COUNT	CODE VALUE
177	-9 = Legitimate skip
32	-8 = Missing
	ACTUAL NUMBER (values may be grouped to save space)
550	0 = None
51	1
51	2
30	3
5	4
9	5-12
3	13-30 weeks

967-968   I8a.   **Have you ever lived in vacant buildings, public or commercial facilities, parks, cars, or on the street because you did not have a place to stay?**

COUNT	CODE VALUE
66	-8 = Missing
388	1 = Yes
451	2 = No
3	3 = Edited yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

969-970   18bm.

Approximately how many months did you live in the past 12 months in vacant buildings, public or commercial facilities, parks, cars, or on the street because you did not have a place to stay?

Count	Code Value
451	-9 = Legitimate skip
76	-8 = Missing
	ACTUAL NUMBER (values may be grouped to save space)
181	0 = None
28	1
23	2
28	3
17	4
9	5
26	6
9	7
4	8
7	9
9	10
5	11
35	12 months

971-972   18bw.

Approximately how many weeks did you live in the past 12 months in vacant buildings, public or commercial facilities, parks, cars, or on the street because you did not have a place to stay?

Count	Code Value
451	-9 = Legitimate skip
76	-8 = Missing
	ACTUAL NUMBER (values may be grouped to save space)
289	0 = None
44	1
32	2
7	3
2	4
4	5-12
3	13-51 weeks

973-974   19a.

Have you ever lived in any other situation?

Count	Code Value
196	-8 = Missing
32	1 = Yes
678	2 = No
2	3 = Edited yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

975-976   I9bm.   Approximately how many months did you live in the past 12 months in any other situation?

COUNT	CODE VALUE
678	-9 = Legitimate skip
196	-8 = Missing
	ACTUAL NUMBER (values may be grouped to save space)
14	0 = None
2	1
6	2
6	3
2	4
1	6
1	9
2	11 months

977-978   I9bw.   Approximately how many weeks did you live in the past 12 months in any other situation?

COUNT	CODE VALUE
678	-9 = Legitimate skip
196	-8 = Missing
	ACTUAL NUMBER (values may be grouped to save space)
26	0 = None
2	1
6	2 weeks

979-980   I9aa.   First specified type of other living situation.

COUNT	CODE VALUE
678	-9 = Legitimate skip
201	-8 = Missing
12	10=Hotel/rooming house
1	11=Garage
1	12=Too tired to come home
4	13=Transitional shelter
1	14=Built own shelter
1	15=Crack house
1	16=Foster home
1	17=Transient hotel
1	18=Camper/school bus
1	19=Refrigerator box
2	20=Woods
1	21=Van
1	22=Farm worker
1	23=Church

981-982   I9ab.   Second specified type of other living situation.

COUNT	CODE VALUE
678	-9 = Legitimate skip
201	-8 = Missing
29	0 = Only one other living situation given

983-984   I9ac.   Third specified type of other living situation.

COUNT	CODE VALUE
678	-9 = Legitimate skip
201	-8 = Missing
29	0 = Only one other living situation given

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

985-986   **I10.**   Which of the situations we just discussed best describes your situation on (CURRENT MONTH AND DAY), 1990, that is, one year ago today?

91	-8 = Missing
281	1 = Your own house, apartment, or room
212	2 = A friend or relative's house, apartment, or room
5	3 = An unsupervised dormitory or quarters, such as at college, religious or military quarters, or agriculture or other workers' quarters
3	4 = A nursing home or any other kind of group home
14	5 = Any kind of hospital or residential facility for medical, mental, alcohol, or drug-related problems
19	6 = Jail, detention center, correctional halfway house, or other correctional institutions
178	7 = Campgrounds or emergency shelter for the homeless, runaway neglected, or abused women
96	8 = Vacant buildings, public or commercial facilities, parks, cars, or on the street because you did not have a place to stay
9	9 = Any other situation

Section J: Demographics

987-988   **J1.**   Gender of respondent

6	-8 = Missing
601	1 = Male
301	2 = Female

989-990   **J2**   Age in single years *(converted from date of birth)*
SEE ALSO: *Variable BD_AGE_E on page 108.*

23	-8 = Missing
12	17=12-17
40	90=Over age 55
	ACTUAL NUMBER (values may be grouped to save space)
146	18-25
351	26-35
253	36-45
83	46-55

991-992   **J2a.**   Which of the following best describes your current marital status?

8	-9 = Legitimate skip
20	-8 = Missing
1	-5 = Bad or illegible data
88	1 = Married
37	2 = Widowed
260	3 = Divorced or separated
26	4 = Not married, but living with a partner
468	5 = Never married

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

J4. Which of the following groups best describes you?
(RECODED TO WHITE/BLACK/OTHER: see variable RACE on p. 135)

995-996   J5. What is the last grade or year that you completed in school?

10	-8 = Missing
3	00 = No schooling
87	01-08 = Elementary grades
636	09-12 = High school grades
156	13-16 = College years
16	17+ = Graduate/professional school (or higher)

997-998   J5a. Have you ever received a high school diploma, or a GED certificate of high school completion? (Which have you received?) (CIRCLE ONE)

172	-9 = Legitimate skip
22	-8 = Missing
310	1 = High school diploma
88	2 = GED certificate
316	3 = Neither of the above

J8. What (other) diplomas, degrees, certificates or licenses have you received from the schools or training programs you have ever attended?

999-1000   J8_0.   NONE

516	-9 = Legitimate skip
23	-8 = Missing
1	-4 = Don't know
368	1 = Yes

1001-1002   J8_1.   ADULT BASIC EDUCATION (A.B.E.)

368	-9 = Legitimate skip
23	-8 = Missing
1	-4 = Don't know
508	0 = Not this answer, but some other answer in list
8	1 = Yes

1003-1004   J8_2.   HIGH SCHOOL DIPLOMA

368	-9 = Legitimate skip
23	-8 = Missing
1	-4 = Don't know
241	0 = Not this answer, but some other answer in list
275	1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1005-1006   J8_3.   GRADUATE EQUIVALENT DEGREE (G.E.D.)

368	-9 = Legitimate skip
23	-8 = Missing
1	-4 = Don't know
444	0 = Not this answer, but some other answer in list
72	1 = Yes

1007-1008   J8_4.   ASSOCIATE'S DEGREE

368	-9 = Legitimate skip
23	-8 = Missing
1	-4 = Don't know
485	0 = Not this answer, but some other answer in list
31	1 = Yes

1009-1010   J8_5.   BACHELOR'S DEGREE

368	-9 = Legitimate skip
23	-8 = Missing
1	-4 = Don't know
484	0 = Not this answer, but some other answer in list
32	1 = Yes

1011-1012   J8_6.   GRADUATE DEGREE

368	-9 = Legitimate skip
23	-8 = Missing
1	-4 = Don't know
509	0 = Not this answer, but some other answer in list
7	1 = Yes

1013-1014   J8_7.   OCCUPATIONAL OR TRADE SCHOOL CERTIFICATE

368	-9 = Legitimate skip
23	-8 = Missing
1	-4 = Don't know
346	0 = Not this answer, but some other answer in list
170	1 = Yes

1015-1016   J8_8.   LICENSE TO PRACTICE A TRADE

368	-9 = Legitimate skip
23	-8 = Missing
1	-4 = Don't know
451	0 = Not this answer, but some other answer in list
65	1 = Yes

1017-1018   J8_9.   OTHER DEGREE, CERTIFICATE, OR LICENSE

368	-9 = Legitimate skip
23	-8 = Missing
1	-4 = Don't know
436	0 = Not this answer, but some other answer in list
80	1 = Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1019-1020 **J9.** Did you ever serve on active duty in the Armed Forces of the United States? [IF 2, SKIP TO J10]

11	-8 = Missing
188	1 = Yes
708	2 = No
1	3 = Edited yes

1021-1022 **J9ay.** Years -- How long did you serve on active duty?

708	-9 = Legitimate skip
14	-8 = Missing
1	-4 = Don't know
	ACTUAL NUMBER (values may be grouped to save space)
25	0 = None
15	1
38	2
38	3
33	4
5	5
26	6-10
5	11-20

1023-1024 **J9am.** Months -- How long did you serve on active duty?

708	-9 = Legitimate skip
14	-8 = Missing
1	-4 = Don't know
	ACTUAL NUMBER (values may be grouped to save space)
130	0 = None
40	1-6
8	7-12
3	13-24
4	25-72 months

1025-1028 **J10.** Including yourself, how many people do you regularly live with?

16	-8 = Missing
1	-5 = Bad or illegible data
2	-4 = Don't know
49	51= Over 50 people
	ACTUAL NUMBER (values may be grouped to save space)
765	1-10
47	11-20
28	21-50

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1029-1030   J11.   Including yourself, how many people are dependent on you for at least half of their monthly support?

17	-8 = Missing
	ACTUAL NUMBER (values may be grouped to save space)
80	0 = None
502	1
118	2
102	3
54	4
19	5
16	6-13

1031-1032   J12.   How many children do you have under the age of 18?

17	-8 = Missing
2	-4 = Don't know
	ACTUAL NUMBER (values may be grouped to save space)
401	0 = None
190	1
165	2
78	3
27	4
15	5
11	6-10
2	23

Section K: End of Survey

That's the end of the interview and I'd like to thank you very much for your cooperation.

1033-1034   K1.   I need to ask one more question so that we know if we've interviewed you before. Since (BEGINNING DATE OF DATA COLLECTION), have you participated in this survey before?

22	-8 = Missing
23	1 = Yes
858	2 = No
5	3 = Edited yes

Other Created Variables

1035-1042   AW_A   Main within-frame adjusted analysis weight
(IMPLIED DECIMAL POINT, FORMAT 8.6)

1043-1050   AWGAMA_A   Main across-frame adjusted analysis weight, adjusted for potential multiplicity between frames on the given sampled day
(IMPLIED DECIMAL POINT, FORMAT 8.6)

1051-1056   VESTR   Variance estimation (stratum) for SUDAAN runs

1057-1062   VEREP   Variance estimation (primary sampling unit) for SUDAAN runs

COLUMN LOCATION	QRE. ITEM		COUNT	CODE VALUE

Other Created Variables

1070 ADMFLAG — Comorbidity of current drug use, current heavy alcohol use, and liftetime history of mental health treatment

371   1 = None (ANYMON=0 and HVYDRK=0 and MHTXFL=0 treatment)
58   2 = Illicit drug use only (ANYMON=1 and HVYDRK=0 and MHTXFL= 0)
108   3 = Heavy alcohol use only (ANYMON=0 andHVYDRK=1 and MHTXFL=0)
120   4 = Treatment history only (ANYMON=0 and HVYDRK=0 and MHTXFL=1)
97   5 = Drug and and heavy alcohol use (ANYMON=1 and HVYDRK=1 and MHTXFL=0)
31   6 = Drug use and treatment history (ANYMON=1 and HVYDRK=0 and MHTXFL=1)
41   7 = Alcohol use and treatment history (ANYMON=0 and HVYDRK=1 and MHTXFL=1)
39   8 = Drug use, heavy alcohol use, and treatment history (ANYDRK=1 and HVYMON=1 and MHTXFL=1)
43   9 = Missing (any of ANYMON, HVYDRK, or MHTXFL missing)

1071 ALCFLAG — Alcohol use - lifetime

1   9 = Missing
64   0 = No (B2 = 2)
843   1 = Yes (B2 = 1, 3)

1072 ALCMON — Alcohol use - past month

8   9 = Missing
351   0 = No (B2b = -9, 3-6, 8)
549   1 = Yes (B2b = 1, 2, 7)

1073-1075 ALCUIS — Alcohol - use in status
(IMPLIED DECIMAL POINT, FORMAT 3.2)

25   -8 = Missing
378   0 = None (B2c = 0, -9)
Percentage of days used (B2c/DAYSTAT)
ACTUAL NUMBER (values may be grouped to save space)
139   .01-.10
110   .11-.25
97   .26-.50
54   .51-.99
105   1.0

1076 ALCUSE — Pattern of alcohol use

1   9 = Missing
290   1 = Current user (ALCMON=1)
553   2 = Past user (ALCMON=0 or [missing] and ALCFLAG=1)
64   3 = Nonuser of alcohol (ALCMON=0 or [missing] and ALCFLAG=0)

1077 ALCUSEHV — Pattern of heavy alcohol use *(See also Questionnaire Items # B2c-B2e on p. B-8)*

27   9 = Missing
190   1 = Current heavy alcohol user (HVYDRK=1)
627   2 = Other alcohol users (HVYDRK=0 or [missing] and ALCFLAG=1)
64   3 = Nonuser of alcohol (HVYDRK=0 or [missing] and ALCFLAG=0)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1078   ALCYR   Alcohol use - past year

- 8   9 = Missing
- 157   0 = No (B2b = -9, 5-6)
- 743   1 = Yes (B2b = 1-4, 7-8)

1079   ALPRSM_C   Categorized - Number of alcohol-related problems

- 55   9 = Missing
- 298   1 = None (ALPRSUM=0 or ALCUSE=3 or [ALPRSUM=-8 and C8_93=1] or ALCFLAG=0 or ALCYR=0)
- 181   2 = 1 to 3 problems (ALPRSUM=1-3)
- 164   3 = 4 to 6 problems (ALPRSUM=4-6)
- 210   4 = 7 to 10 problems (ALPRSUM=7-10)

1080-1081   ALPRSUM   Count of alcohol-related problems

- 114   -8 = Missing
- 239   0 = None (C8a to C8i all LE 0 or ALCYRF=0)

ACTUAL NUMBER (values may be grouped to save space)

- 49   1
- 60   2
- 72   3
- 57   4
- 57   5
- 50   6
- 55   7
- 59   8
- 53   9
- 43   10

1082-1083   ANYAGE   Age when first used any illicit drug

- 234   -8 = Missing

ACTUAL NUMBER (values may be grouped to save space)

- 27   7-11
- 399   12-17
- 213   18-25
- 27   26-35
- 6   36-45
- 2   46-55

1084-1085   ANYAGE21   First used drugs before age 21

- 599   1 = Yes
- 75   2 = No
- 234   3 = No information on age at first use

1086   ANYFLAG   Any drug use - lifetime

- 1   9 = Missing
- 227   0 = No
- 680   1 = Yes (1 on any of the illicit drug flags)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1087 ANYLA Need larger amounts of any illicit drug

    16 9 = Missing
   630 0 = No
   262 1 = Yes (any 1 on C5_3 to C5_13)

1088 ANYLOSS Any loss of benefits since becoming homeless

    21 9 = Missing
   738 0 = No
   149 1 = Yes (any 1 on H16a to H16e)

1089 ANYMON Any drug use - past month

     1 9 = Missing
   668 0 = No
   239 1 = Yes (1 on any of the past month drug flags)

1090 ANYSERL Any service use - lifetime

    14 0 = No (SERFLAG = 4)
   894 1 = Yes (SERFLAG = 1, 2, or 3)

1091 ANYSH Any shelter use in past 24 hours

   304 0 = No (SEGMENT = 3, 6)
   604 1 = Yes (SEGMENT = 1, 2, 4, 5, or 7)

1092 ANYSHSK Any shelter or soup kitchen use in past 24 hours

   109 0 = No (SEGMENT = 3)
   799 1 = Yes (SEGMENT = 1, 2, 4, 5, 6, 7)

1093 ANYSHSKE In shelter, soup kitchen, or encampment frames in 24 hours

    28 0 = No (SEGMENT = 3 and ZSAMLOC = 1)
   880 1 = Yes (SEGMENT =3 and ZSAMLOC = 4, or SGEMENT = 1, 2, 4, 5,

1094 ANYSHSKT In any shelter, soup kitchen, encampment, or street frame in 24 hours

   908 1 = Yes (SEGMENT = 1, 2, 3, 4, 5, 6, or 7)

1095 ANYTCD Cut down on any illicit drug

    27 9 = Missing
   563 0 = No
   318 1 = Yes (any yes "1" in C7_3 to C7_13)

1096 ANYUSE Pattern of drug use

     1 9 = Missing
   239 1 = Current drug user (ANYMON=1)
   441 2 = Past drug user (ANYMON=0 or [missing and ANYFLAG=1])
   227 3 = Nonuser of drugs (ANYMON=0 or (missing) and ANYFLAG=0)

1097 ANYUWA Used any illicit drug with alcohol

    6 9 = Missing
554 0 = No
348 1 = Yes (any yes "1" to C1_3 to C1_13)

1098 ANYWS Withdrawal from any illicit drug

 40 9 = Missing
702 0 = No
166 1 = Yes (any yes "1" to C6_3 to C6_13)

1099 ANYYR Any drug use - past year

   1 9 = Missing
445 0 = No
462 1 = Yes (any yes "1" on a past year drug flag)

1100 ARRFLAG Arrested for criminal offense - lifetime

   9 9 = Missing
654 0 = No (E4b(-9,2), E5b(-9,2), E6b(-9,2), E7b(-9,2))
245 1 = Yes (E4b(1,3), E5b(1,3), E6b(1,3), E7b(1,3))

1101-1102 B2c_a Number of days with one or more drinks, adjusted for time homeless in past month

351 -9 = Legitimate skip
 19 -8 = Missing
  1 -4 = Don't know
 27   0 = None
      ACTUAL NUMBER (values may be grouped to save space)
251 1-7
 57 8-14
 71 15-21
131 22-30

1103 B2c_ac Categorized - Number of days of having one or more drinks, adjusted for time homeless in past month

 20 9 = Missing
378 1 = None (B2c_a = 0 or -9)
176 2 = 1-4 days (0<B2c_a<5)
334 3 = 5-31 days (5 LE B2c_a)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1104-1105   B2e_a   Number of days of having five or more drinks, adjusted for time homeless in past month

378	-9 = Legitimate skip
20	-8 = Missing
2	-5 = Bad or illegible data
2	-4 = Don't know
216	0 = None
	ACTUAL NUMBER (values may be grouped to save space)
143	1-7
37	8-14
38	15-21
72	22-30

1106   B2e_ac   Categorized - Number of days of having five or more drinks, adjusted for time homeless in past month

27	9 = Missing
594	1 = None (B2e_a = 0 or -9)
97	2 = 1-4 days (0<B2e_a<5)
190	3 = 5-31 days (5 LE B2e_A)

1107-1108   B3c_a   Number of days of using marijuana, adjusted for time homeless in past month

800	-9 = Legitimate skip
19	-8 = Missing
4	0 = None (B3c = 0)
	ACTUAL NUMBER (values may be grouped to save space)
74	1-7
4	8-14
2	15-21
5	22-30

1109   B3c_ac   Categorized - Number of days of using marijuana, adjusted for time homeless in past month

19	9 = Missing
804	1 = None (B3c_a = 0 or -9)
67	2 = 1-4 days (0<B3c_a<5)
18	3 = 5-31 days (5 LE B3c_A)

1110-1111   B5c_a   Number of days of using crack, adjusted for time homeless in past month

735	-9 = Legitimate skip
9	-8 = Missing
4	0 = None (B5c = 0)
	ACTUAL NUMBER (values may be grouped to save space)
91	1-7
26	8-14
22	15-21
21	22-30

COLUMN LOCATION	QRE. ITEM		COUNT	CODE VALUE

1112   B5c_ac   Categorized - Number of days of using crack, adjusted for time homeless in past month

     9   9 = Missing
   739   1 = None (B5c_a = 0 or -9)
    62   2 = 1-4 days (0<B5c_a<5)
    98   3 = 5-31 days (5 LE B5c_A)

1113-1114   B6c_a   Number of days of using cocaine other than crack, adjusted for time homeless in past month

   863   -9 = Legitimate skip
    15   -8 = Missing
     1   0 = None (B6c = 0)
         ACTUAL NUMBER (values may be grouped to save space)
    16   1-7
     4   8-14
     6   15-21
     3   22-30

1115   B6c_ac   Categorized - Number of days of using cocaine other than crack, adjusted for time homeless in past month

    15   9 = Missing
   864   1 = None (B6c_a = 0 or -9)
    13   2 = 1-4 days (0<B6c_a<5)
    16   3 = 5-31 days (5 LE B6c_A)

1116-1117   B8c_a   Number of days of using heroin, adjusted for time homeless in past month

   866   -9 = Legitimate skip
    12   -8 = Missing
     1   0 = None (B8c = 0)
         ACTUAL NUMBER (values may be grouped to save space)
    14   1-7
     3   8-14
     2   15-21
    10   22-30

1118   B8c_ac   Categorized - Number of days of using heroin, adjusted for time homeless in past month

    12   9 = Missing
   867   1 = None (B8c_a = 0 or -9)
    12   2 = 1-4 days (0<B8c_a<5)
    17   3 = 5-31 days (5 LE B8c_A)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE	VALUE

1119-1120   BD_age_e   Edited age of respondent

*Calculated based on interview date and date of birth
(item J2). Where the year of birth was given in J2,
but the month and/or day were missing, 07 was
substituted for the missing month and 01 was substituted
for the missing day. Where the year was missing
in J2, the median of the age range noted in the
Interviewer Observation Questionnaire (completed by the
interviewer after each interview) was used as the
respondent's age. If none of these data were
available, BD_AGE_E was set to missing.
(SEE ALSO VARIABLE J2 ON PAGE 97)*

3	-8 =	Missing
13	17 =	Under age 18
42	90 =	Over age 55
		ACTUAL NUMBER (values may be grouped to save space)
146	18-25	
355	26-35	
265	36-45	
84	46-55	

1121   C3a1_c   Categorized - Alone when used drugs other than alcohol

57	9 =	Missing
595	0 =	No
256	1 =	Yes

1122   C3a2_c   Categorized - With sexual partner when used drugs other than alcohol

57	9 =	Missing
568	0 =	No
283	1 =	Yes

1123   C3a3_c   Categorized - With family when used drugs other than alcohol

57	9 =	Missing
726	0 =	No
125	1 =	Yes

1124   C3a4_c   Categorized - With friends when used drugs other than alcohol

57	9 =	Missing
393	0 =	No
458	1 =	Yes

1125   C3a5_c   Categorized - With walking partner when used drugs other than alcohol

57	9 =	Missing
677	0 =	No
174	1 =	Yes

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1126 C3a6_c   Categorized - With someone else when used drugs other than alcohol

57	9 = Missing
781	0 = No
70	1 = Yes

1127 C3_1_c   Categorized - Drugs were used at home

51	9 = Missing
507	0 = No
350	1 = Yes

1128 C3_2_c   Categorized - Drugs were used at home of someone else

51	9 = Missing
485	0 = No
372	1 = Yes

1129 C3_3_c   Categorized - Drugs were used at a party

51	9 = Missing
666	0 = No
191	1 = Yes

1130 C3_4_c   Categorized - Drugs were used at a shooting gallery

51	9 = Missing
781	0 = No
76	1 = Yes

1131 C3_5_c   Categorized - Drugs were used at an open place

51	9 = Missing
534	0 = No
323	1 = Yes

1132 C3_6_c   Categorized - Drugs were used somewhere else

51	9 = Missing
783	0 = No
74	1 = Yes

1133 CATAGE   Categorized - Age
(NOTE: TWO CASES MISSING ON BD_AGE_E WERE SET TO CATEGORY 4 AFTER MANUAL SEARCH.)

1	9 = Missing
13	1 = 12 to 17 (BD_AGE_E LT 18)
146	2 = 18 to 25 (18 LE BD_AG_E LT 26)
319	3 = 26 to 34 (26 LE BD_AG_E LT 35)
429	4 = 35 or more (35 LE BD_AG_E)

COLUMN LOCATION	QRE. ITEM		COUNT	CODE VALUE

COLUMN QRE.
LOCATION ITEM   COUNT CODE VALUE

1134 CATAGE1c Collapsed category - Age

        1 9 = Missing (CATAGE < 1)
    159 1 = 12-25 years (CATAGE = 1, 2)
    319 2 = 26-34 years (CATAGE = 3)
    429 3 = 35+ years (CATAGE = 4)

1135 CIGFLAG Cigarette use - lifetime

        1 9 = Missing
    106 0 = No (B1=-9)
    801 1 = Yes (B1 GT 0)

1136 CIGMON Cigarette use - past month

     24 9 = Missing
    215 0 = No (B1b = -9, 3-6, 8)
    669 1 = Yes (B1b = 1, 2, 7)

1137 CIGYR Cigarette use - past year

     24 9 = Missing
    184 0 = No (B1b = -9, 5-6)
    700 1 = Yes (B1b = 1-4, 7-8)

1138 CJDFLAG Committed drug-related crime - lifetime

      7 9 = Missing
    506 0 = No
    395 1 = Yes

1139 CJDYR Committed drug-related crime - past year

      6 9 = Missing
    580 0 = No
    322 1 = Yes

1140 CLEANWYR Clean works with alcohol/boil - past year

     53 9 = Missing
    805 0 = No
     50 1 = Yes

1141 COCFLAG Any form of cocaine use - lifetime

      4 9 = Missing
    378 0 = No
    526 1 = Yes

1142 COCMON Any form cocaine use - past month

      4 9 = Missing
    725 0 = No
    179 1 = Yes

COLUMN LOCATION	QRE. ITEM		COUNT	CODE VALUE

1143 COCYR Any form cocaine use - past year

4	9 = Missing
540	0 = No
364	1 = Yes

1144 COMFLAG Committed criminal offense - lifetime

12	9 = Missing
507	0 = No
389	1 = Yes

1145 COOFLAG Use of cocaine other than crack - lifetime

6	9 = Missing
465	0 = No (B6 = 2)
437	1 = Yes (B6 = 1, 3)

1146 COOMON Use of cocaine other than crack - past month

8	9 = Missing
863	0 = No (B6b = -9, 3-6, 8)
37	1 = Yes (B6b = 1, 2, 7)

1147-1149 COOUIS Cocaine other than crack - use in status
(IMPLIED DECIMAL POINT, FORMAT 3.2)

16	-8 = Missing
864	0 = None
	Percentage of days used (B6c/DAYSTAT)
	ACTUAL NUMBER (values may be grouped to save space)
10	.01-.10
6	.11-.25
7	.26-.50
3	.51-.99
2	1.0

1150 COOYR Use of cocaine other than crack - past year

8	9 = Missing
730	0 = No (B6b = -9, 5-6)
170	1 = Yes (B6b = 1-4, 7-8)

1151 COUNSANY Length of last counseling for drug or alcohol abuse

549	. = Missing/not applicable
173	1 = 1-30 days (1 LE D1e LE 30)
135	2 = 31-182 days (31 LE D1e LE 182)
51	3 = 183+ days (182 LT D1e)

1152 COUNSMON Received drug or alcohol counseling - past month

15	9 = Missing
788	0 = No (D1d = -9, 3-6, or TXFLAG=0)
105	1 = Yes (D1d = 1, 2, 7)

1153 COUNSYR Received drug or alcohol abuse counseling - past year

- 15 9 = Missing
- 691 0 = No (D1d = -9, 5-6, or TXFLAG=0)
- 202 1 = Yes (D1d = 1-4, 7-8)

1154 CRIFLAG Committed crime or incarcerated - lifetime

- 4 9 = Missing
- 381 0 = No (CJDFLAG, COMFLAG, and INCFLAG = 0)
- 523 1 = Yes (CJDFLAG, COMFLAG, or INCFLAG = 1)

1155 CRKFLAG Crack use - lifetime

- 4 9 = Missing
- 455 0 = No (B5 = 2)
- 449 1 = Yes (B5 = 1, 3)

1156 CRKMON Crack use - past month

- 6 9 = Missing
- 735 0 = No (B5b = -9, 3-6, 8)
- 167 1 = Yes (B5b = 1, 2, 7)

1157-1159 CRKUIS Crack - use in status
(IMPLIED DECIMAL POINT, FORMAT 3.2)

- 11 -8 = Missing
- 739 0 = None (B5c = 0, -9)
  Percentage of days used (B5c/DAYSTAT)
  ACTUAL NUMBER (values may be grouped to save space)
- 44 .01-.10
- 46 .11-.25
- 40 .26-.50
- 11 .51-.99
- 17 1.0

1160 CRKYR Crack use - past year

- 6 9 = Missing
- 566 0 = No (B5b = -9, 5-6)
- 336 1 = Yes (B5b = 1-4, 7-8)

1161 D1f_c Categorized - Reason for leaving drug or alcohol abuse treatment.

- 531 9 = Missing/not applicable (D1 fL T0)
- 70 1 = Still in treatment (D1f=1)
- 202 2 = Successful termination (D1f=3)
- 30 3 = Problem with program (D1f=4)
- 38 4 = Relapse (D1f=7)
- 37 5 = Other (D1f=2,5,6,8, GT 8)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1162 D1_c Categorized - Number of times in drug or alcohol abuse treatment

19	9 = Missing
515	1 = Never (D1=0)
290	2 = 1-3 times (1 LE D1 LE 3)
84	3 = More than 3 times (3 LT D1)

1163-1165 DAYSTAT Number of days homeless in current episode

33	-8 = Missing (HOMDAYS is missing and HOMLIT 1 or missing)
	ACTUAL NUMBER (values may be grouped to save space)
36	1-7
26	8-14
31	15-21
782	22-30

1166 DAYSTAT1 Continuously in current status in past 30 days

102	0 = No (1 LE DAYSTAT LT 30)
806	1 = Yes (30 LE DAYSTAT)

1167 DCSAMP Part of the DC sample

556	1 = DC (ZMUNIC=5)
352	2 = NON DC (ZMUNIC NE 5)

1168-1169 DPRSUM Number of drug-related problems

11	9 = Missing
494	0 = None
	ACTUAL NUMBER (Sum of Yes "1" to C9a to C9f)
45	1
66	2
62	3
79	4
94	5
57	6

1170 DPRSUM_c Categorized - Number of drug-related problems

11	9 = Missing
504	1 = None (DPRSUM = 0 or DPRSUM=9 and ANYYR=0)
106	2 = 1-2 problems and ANYYR=1
138	3 = 3-4 problems and ANYYR=1
149	4 = 5-6 problems and ANYYR=1

1171 DRUGFRST Used drugs before becoming homeless

242	9 = Missing
54	0 = No (ANYFLAG=0 or ANYFLAG=1 and ANYAGE GT A3)
612	1 = Yes (ANYFLAG=1 and ANYAGE LT A3)

COLUMN	QRE.		
LOCATION	ITEM	COUNT	CODE VALUE

1172 EDUCAT1C Categorized and collapsed - NHSDA education categories
(GED not coded as high school graduate)

```
10  9 = Missing
361  1 = Less than high school education (EDUCCAT =1)
352  2 = High school graduate (EDUCCAT = 2)
172  3 = Any college (EDUCCAT = 3 or 4)
 13  4 = Not applicable (AGECAT = 1)
```

1173 EDUCCAT NHSDA education categories (GED not coded as high school graduate)

```
10  9 = Missing
361  1 = Less than high school education (J5 LT 12)
352  2 = High school graduate (J5 = 12)
134  3 = Some college (13 LE J5 LE 15)
 38  4 = College graduate (16 LE J5)
 13  5 = Not applicable (AGECAT = 1)
```

1174 ELSEANY Any weeks in someone else's household

```
 49  9 = Missing
448  1 = Yes (WKELSE GT 0)
411  2 = No (WKELSE=0)
```

1175 ELSEGRP Categorized - Number of weeks in someone else's household

```
 49  9 = Missing
411  1 = 0 (WKELSE=0)
194  2 = 1 to 13 (1 LE WKELSE LE 13)
 87  3 = 14 to 26 (14 LE WKELSE LE 26)
 61  4 = 27 to 39 (27 LE WKELSE LE 39)
106  5 = 40 to 52 (40 LE WKELSE)
```

1176 EMPL_MON Employed - past month

```
 22  9 = Missing
558  0 = No (H1d=0 or -9, or (H1d=-8 and [H1b_C1=0 or H1mon LT
          ZMQMON-1])
328  1 = Yes (H1d GT 0)
```

1177 EMPSTAT Current employment status (for respondents 18 and older)

```
 21  9 = Missing
167  1 = Working full-time (H2 = 1 or 3)
109  2 = Working part-time (H2 = 2)
451  3 = Unemployed (H2 = 4, 5, 18, 22, 23)
147  4 = Other (H2 = 6-11, 15-17, 19, 21, 24)
 13  5 = Not applicable (CATAGE = 1)
```

1178 EMPYRF Employment flag - past year

```
303  0 = No (H1c = 0 or -9)
605  1 = Yes (H1c GT 0 or EMPL_MON=1)
```

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1179-1183   **EXPALL**   Total expenses for all purposes

12	-8 = Missing
121	0 = No expenses (EXPLEG+EXPILL=0)
59	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
216	$1-100
141	$101-200
104	$201-300
70	$301-400
61	$401-500
124	$501-998

1184-1188   **EXPILL**   Illegal expenses for illicit drugs or drugs for nonmedical uses

32	-8 = Missing
715	0 = None (H15d=0)
21	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
66	$1-100
24	$101-200
12	$201-300
8	$301-400
13	$401-500
17	$501-998

1189-1193   **EXPLEG**   Legal expenses for goods, services, housing, etc.

12	-8 = Missing
126	0 = None (H15a+H15b+H15c+H15e = 0)
29	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
260	$1-100
148	$101-200
98	$201-300
74	$301-400
59	$401-500
102	$501-998

1194   **F7a_mon**   Emergency room use - past month

19	9 = Missing
793	0 = No (F7a = -9, 3-8)
96	1 = Yes (F7a = 1-2)

1195   **F7a_yr**   Emergency room use - past year

19	9 = Missing
526	0 = No (F7a = -9, 5-6)
363	1 = Yes (F7a = 1-4, 8)

COLUMN	QRE.		
LOCATION	ITEM	COUNT	CODE VALUE

1196   F8b_c   Categorized - Location of last primary care visit - past year

     23   9 = Missing
   195   1 = Private doctor/health clinic (F8b =1,2)
    96   2 = Outpatient clinic (F8b = 3)
   107   3 = Public community health clinic (F8b = 4)
    98   4 = Shelter clinic/mobile outreach (F8b = 5, 8)
    37   5 = Other (F8b=6, 7, 10-18)
   352   6 = No visit (F8b = -9)

1197   F8_mon   Outpatient treatment - past month

    36   9 = Missing
   584   0 = No (F8 = -9, 3-8)
   288   1 = Yes (F8 = 1,2)

1198   F8_yr   Outpatient treatment - past year

    36   9 = Missing
   293   0 = No (F8 = -9, 5, 6)
   579   1 = Yes (F8 = 1-4, 8)

1199   GNDLOTHR   Categorized - Giving needles to others

    39   9 = Missing
   797   0 = No (C2e = -9, 2)
    72   1 = Yes (C2e = 1)

1200   GRQFLAG   Lived in group quarters - ever

    65   9 = Missing
   683   0 = No (I3a =2)
   160   1 = Yes (I3a = 1, 3)

1201   GRQYR   Lived in group quarters - past year

    68   9 = Missing
   809   0 = No (I3bm IN -9,0 and I3bw IN -9,0)
    31   1 = Yes (I3bm GE 1, or I3bw GE 1))

1458-1459   H1a_c   Categorized - Last occupation

     8   -8 = Missing
    77   1 = Professional/technical (H1a=1,2)
    78   2 = Sales (H1a=3)
    74   3 = Clerical/office (H1a=4)
   139   4 = Craft/skilled labor (H1a=5)
    50   5 = Machine/transporation operative (H1a=6,7)
   138   6 = Nonfarm laborer (H1a=8)
   255   7 = Service worker (H1a=10)
     6   8 = Farm owner/manager (H1a=11,12)
     1   9 = Military service (H1a=13)
    61   10 = Other (H1a=9, or H1a GE 14)
    21   11 = Never worked (H1a=-9)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

✓ 1203   H1b_c1   Employed - past year

       334   0 = No (H1b = -9, 0)
       574   1 = Yes (H1b GE 1)

1204   H1b_c2   Categorized - Number of jobs in past year

       334   1 = None (H1b = -9, 0)
       491   2 = 1 to 3 (1 LE H1b LE 3)
        83   3 = More than 3 (3 LT H1b)

1205   H1c_c   Categorized - Weeks worked in past year

        20   9 = Missing
       317   1 = None (H1c = -9, 0)
       137   2 = 1 to 13 weeks (1 LE H1c LE 13)
       134   3 = 14 to 26 weeks (14 LE H1c LE 26)
        92   4 = 27 to 39 weeks (27 LE H1c LE 29)
       208   5 = 40 to 52 weeks (40 LE H1c)

1206   H1n_c   Categorized - Ever employed

        11   9 = Missing
        21   0 = No (H1n=0)
       876   1 = Yes (H1n=-9)

1207   H2_c   Categorized - Present work situation

        18   9 = Missing
       153   1 = Working full-time (H2=1)
       110   2 = Working part-time (H2=2)
       359   3 = Unemployed and looking for work (H2=4)
        89   4 = Unemployed and not looking for work (H2=5)
        31   5 = In school only (H2=7)
        10   6 = Retired (H2=8)
        82   7 = Disabled, not able to work (H2=9)
        56   8 = Other (H2=3,6, or 9 LT H2)

1208   HALFLAG   Hallucinogen use - lifetime

         9   9 = Missing
       527   0 = No (B7 = 2)
       372   1 = Yes (B7 = 1, 3)

1209   HALMON   Hallucinogen use - past month

        14   9 = Missing
       886   0 = No (B7b = -9, 3-6, 8)
         8   1 = Yes (B7b = 1, 2, 7)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1210-1212 **HALUIS** Hallucinogen - use in status
(IMPLIED DECIMAL POINT, FORMAT 3.2)

    14   -8 = Missing
   887   0 = None (B7c = -9, 0)
          Percentage of days used (B7c/DAYSTAT)
          ACTUAL NUMBER (values may be grouped to save space)
     3   .01-.10
     4   .11-.25

1213 **HALYR** Hallucinogen use - past year

    14   9 = Missing
   840   0 = No (B7b = -9, 5-6)
    54   1 = Yes (B7b = 1-4, 7-8)

1214 **HERFLAG** Heroin use - lifetime

     9   9 = Missing
   678   0 = No (B8 = 2)
   221   1 = Yes (B8 = 1, 3)

1215 **HERMON** Heroin use - past month

    11   9 = Missing
   866   0 = No (B8b = -9, 3-6, 8)
    31   1 = Yes (B8b = 1, 2, 7)
   908

1216-1218 **HERUIS** Heroin - use in status
(IMPLIED DECIMAL POINT, FORMAT 3.2)

    13   -8 = Missing
   867   0 = None (B8c = -9, 0)
          Percentage of days used (B8c/DAYSTAT)
          ACTUAL NUMBER (values may be grouped to save space)
     9   .01-.10
     5   .11-.25
     5   .26-.50
     2   .51-.99
     7   1.0

1219 **HERYR** Heroin use - past year

    11   9 = Missing
   810   0 = No (B8b = -9, 5-6)
    87   1 = Yes (B8b = 1-4, 7-8)

1220 **HMLFLAG** Literally homeless - ever (using core DC*MADS items only)

    23   9 = Missing
   104   0 = No (I7a = 2 and I8a = 2)
   781   1 = Yes (I7a = 1, 3, or I8a = 1, 3)

COLUMN LOCATION	QRE. ITEM		COUNT	CODE VALUE

1221   HMLYR   Literally homeless - past year (using core DC*MADS items only)

     24   9 = Missing
     153   0 = No (I7bm, I7bw, I8bm, and I8bw LE 0)
     731   1 = Yes (I7bm, I7bw, I8bm, or I8bw GT 0)

1222   HOMAGE   Categorized - Age of first homeless experience

     15   9 = Unknown (A3 < 1 and A3 NE -9)
     32   1 = Never homeless (A3 = -9)
     327   2 = Under 26 years (1 LE A3 LE 25)
     274   3 = 26 - 34 years (26 LE A3 LE 34)
     260   4 = 35+ years (A3 GE 35)

1223-1227   HOMDAYS   Number of days homeless in last/current episode

     4   -8 = Missing
     32   -9 = Legitimate skip (soup kitchen only)
     53   9999 = Over 1825 days (5 years)
       ACTUAL NUMBER (values may be grouped to save space)
       Number of days (A4d + [7*A4w] + [30.417*A4m] + [365*A4y]
     169   1-30
     104   31-90
     58   91-120
     137   121-183
     155   184-365
     196   366-1825

1228   HOMFLAG   Homeless - lifetime (Homeless and Transient Population Study's definition)

     29   0 = No (default)
     879   1 = Yes (HOMLIT=1, or A1=1, 3)

1229-1232   HOMLAST   How long ago last episode ended

     7   -8 = Missing
     174   -9 = Legitimate skip (currently homeless)
     684   -3 = Not applicable
     2   0 = None (2 SAMLOC = 1, 2, 4 or A4ad = -9)
     8   9999 = Over 1825 days (5 years)
       ACTUAL NUMBER (values may be grouped to save space)
       Days (A4ad + [7*A4aw] + [30.417*A4am] + [365*A4ay] [rounded to integer]
     4   1-90
     3   91-120
     5   121-183
     9   184-365
     12   366-1825

1233   HOMLGTH   Categorized - Length of current episode of homelessness

     4   9 = Unknown (HOMDAYS LT 1 and HOMDAYS NE -9)
     32   1 = Never homeless (HOMDAYS = -9)
     404   2 = Less than 6 months (1 LE HOMDAYS LE 182.5)
     468   3 = 6 or more months (HOMDAYS GE 182.5)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1234 HOMLIT Currently literally homeless

- 82   0 = No (default)
- 826   1 = Yes ([ZSAMLOC=2], [SS1a=2], [SS2=6-80], [SS3=(6-80)], or [SS4a=2])

1235 HOMLSTC1 Categorized - Prior episodes of homelessness (soup kitchen only)

- 43   1 = Yes (0 LT HOMLAST) (A2 = -9, 0)
- 865   2 = No (A2 GT 0 or HOMLIT = 1)

1236 HOMLSTC2 Categorized - Any prior episodes of homelessness (soup kitchen only)

- 865   0 = No (A2 = -9, 0)
- 43   1 = Yes (A2 GT 0, or HOMLIT = 1)

1237 HOMSTG Stage of homelessness

- 220   1 = Newly homeless (HOMLIT=1 and A2=0,1 and HOMDAYS LE 183)
- 204   2 = Chronically homeless (HOMLIT=1 and A2=0,1 and HOMDAYS GT 183)
- 402   3 = Intermittently homeless (HOMLIT=1 and A2 GT 0,1)
- 30   4 = At risk (HOMFLAG=0)
- 29   5 = Historically at risk (HOMFLAG=1 and HOMLIT=0 and A2=0,1)
- 23   6 = Intermittently at risk (HOMFLAG=1 and HOMLIT=0 and A2 GT 1)

1238 HOMSTG_c Categorized - Stage of homelessness

- 220   1 = Newly homeless (HOMSTG=1)
- 204   2 = Chronically homeless (HOMSTG=2)
- 402   3 = Intermittently homeless (HOMSTG=3)
- 82   4 = At risk (HOMSTG=4-6)

1239 HOMTMS Categorized - Number of times homeless

- 18   9 = Missing
- 32   1 = Never homeless (A2 = 0, -9)
- 434   2 = 1 time (A2 = 1)
- 424   3 = 2+ times (A2 GE 2)

1244 HOUFLAG Lived in household setting - lifetime

- 17   9 = Missing
- 43   0 = No (I1a and I2a = 0)
- 848   1 = Yes (I1a or I2a = 1, 3)

1245 HOUYR Lived in household setting - past year

- 19   9 = Missing
- 233   0 = No (HOU1b and HOU2b = 0)
- 656   1 = Yes (HOU1b or HOU2b GT 0)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1246 HRS_MON Hours per week employed in past month

- 22 9 = Missing
- 558 1 = None (H1d = 0 or -9, or [H1d=-8 and {H1b_c1=0 or EMPL_MON=0}])
- 154 2 = 1-34 hours (1 LE H1d LE 34)
- 174 3 = 35 hours or more (H1d GE 35)

1247 HVYDRK Heavy alcohol user (five or more drinks per day on the equivalent of 5 or more days during the past month while homeless)

- 27 9 = Missing
- 691 0 = No (0 LE HVYUIS LT 5/30)
- 190 1 = Yes (5/30 LE HVYUIS)

1248 HVYMON Heavy alcohol (five or more drinks per day) on one or more days during the past month while homeless

- 24 9 = Missing
- 594 0 = No (B2e = -9, 0)
- 290 1 = Yes (1 LE B2e)

1249-1251 HVYUIS Heavy alcohol (five or more drinks per day) use in status
(IMPLIED DECIMAL POINT, FORMAT 3.2)

- 27 -8 = Missing
- 594 0 = None (B2e = 0, -9)
  Percentage of days used (B2e/DAYSTAT)
  ACTUAL NUMBER (values may be grouped to save space)
- 78 .01-.10
- 64 .11-.25
- 62 .26-.50
- 23 .51-.99
- 60 1.0

1252 IEMCRKYR Illicit drug use excluding marijuana and crack - past year

- 3 9 = Missing
- 652 0 = No (COOYR, INHYR, HALYR, HERYR, and PSYYR NE 1 and any = 0)
- 253 1 = Yes (any of COOYR, INHYR, HALYR, HERYR, or PSYYR = 1)

1253 IEMFLAG Illicit drug use excluding marijuana - lifetime

- 1 9 = Missing
- 304 0 = No (CRKFLAG, COOFLAG, INHFLAG, HALFLAG, HERFLAG, METFLAG and PSYFLAG NE 1 and any = 0)
- 603 1 = Yes (any of CRKFLAG, COOFLAG, INHFLAG, HALFLAG, HERFLAG, METFLAG, or PSYFLAG = 1)

1254 IEMMON Illicit drug use excluding marijuana - past month

- 1 9 = Missing
- 703 0 = No (CRKMON, COOMON, INHMON, HALMON, HERMON, METMON, and PSYMON NE 1 and any = 0)
- 204 1 = Yes (any of CRKMON, COOMON, INHMON, HALMON, HERMON, METMO or PSYMON = 1)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1255   IEMYR   Illicit drug use excluding marijuana - past year

1	9 = Missing
494	0 = No (CRKYR, COOYR, INHYR, HALYR, HERYR, METYR, and PSYYR NE 1 and any = 0)
413	1 = Yes (any of CRKYR, COOYR, INHYR, HALYR, HERYR, METYR, or PSYYR = 1)

1256-1261   INCALL   Total income from all sources

12	-8 = Missing
119	0 = None (INCLEG+INCILL=0)
118	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
118	$1-100
122	$101-200
63	$201-300
71	$301-400
87	$401-500
198	$501-998

1262-1266   INCEB   Earned benefits from retirement, social security, VA, unemployment, and other work-related benefits

27	-8 = Missing
813	0 = None (H6b+H9b+H10b+H11b = 0)
11	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
7	$1-100
6	$101-200
7	$201-300
6	$301-400
15	$401-500
16	$501-998

1267-1271   INCERN   Earned income from employment

35	-8 = Missing
549	0 = None (H3b=0)
57	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
53	$1-100
50	$101-200
44	$201-300
27	$301-400
19	$401-500
74	$501-998

1272   INCFLAG   Incarcerated - lifetime

65	9 = Missing
596	0 = No (I6a = 2)
247	1 = Yes (I6a = 1, 3)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1273-1277 INCILL Illegal income

32	-8 = Missing
791	0 = None (H4b = 0)
20	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
24	$1-100
10	$101-200
8	$201-300
4	$301-400
10	$401-500
9	$501-998

1278-1283 INCLEG Total legal income

12	-8 = Missing
129	0 = None (INCERN+INCEB+INCOEN+INCOTH = 0)
96	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
122	$1-100
136	$101-200
68	$201-300
70	$301-400
91	$401-500
184	$501-998

1284-1288 INCOEN Income from other entitlements such as public assistance, SSI, AFDC, and food stamps

20	-8 = Missing
498	0 = None (H5b+H9b+H10b+H11b = 0)
8	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
55	$1-100
138	$101-200
22	$201-300
50	$301-400
46	$401-500
71	$501-998

1289-1293 INCOTH Income from other sources

25	-8 = Missing
603	0 = None (H12b+H13b+H14b = 0)
7	999 = $999 or more
	ACTUAL DOLLARS (values may be grouped to save space)
181	$1-100
40	$101-200
24	$201-300
10	$301-400
9	$401-500
9	$501-998

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1294   INCYR   Incarcerated - past year

           69   9 = Missing
      728   0 = No (I6bm and I6bw = -9, 0)
      111   1 = Yes (I6bm or I6bw GT 0)

1295   INHFLAG   Inhalant use - lifetime

           7   9 = Missing
      738   0 = No (B4 = 2)
      163   1 = Yes (B4 = 1, 3)

1296   INHMON   Inhalant use - past month

           9   9 = Missing
      894   0 = No (B4b = -9, 3-6, 8)
         5   1 = Yes (B4b = 1, 2, 7)

1297-1299   INHUIS   Inhalant use - in status
                             (IMPLIED DECIMAL POINT, FORMAT 3.2)

           8   -8 = Missing
      895   0 = None (B4c = 0, -9)
               Percentage of days used (B4c/DAYSTAT)
               ACTUAL NUMBER (values may be grouped to save space)
           3   .01-.10
           1   .11-.25
           0   .26-.50
           0   .51-.99
           1   1.0

1300   INHYR   Inhalant use - past year

           9   9 = Missing
      882   0 = No (B4b = -9, 5-6)
       17   1 = Yes (B4b = 1-4, 7-8)

1301   INJCOC   Categorized - Injected cocaine

         59   9 = Missing
      723   0 = No (C2a6 = 0, -9)
      126   1 = Yes (C2a6 = 1)

1302   INJHER   Categorized - Injected heroin

         59   9 = Missing
      717   0 = No (C2a8 = 0, -9)
      132   1 = Yes (C2a8 = 1)

1303   INJPSY   Categorized - Injected psychotherapeutics

         59   9 = Missing
      799   0 = No (C2a10 and C2a11 = 0, -9)
       50   1 = Yes (C2a10 or C2a11 = 1)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1304 INSANY Categorized - Any health insurance

- 16 9 = Missing
- 551 0 = No (F5 =2)
- 341 1 = Yes (F5 = 1, 3)

1305 INSFLAG Any institutionalization - lifetime

- 125 0 = No (INCFLAG and OINFLAG = 0)
- 783 1 = Yes (INCFLAG or OINFLAG = 1)

1306 INSPRI Respondent has private health insurance

- 20 9 = Missing
- 834 0 = No (F5b4, F5b5, and F5b6 =0, -9)
- 54 1 = Yes (F5b4, F5b5, or F5b6 = 1)

1307 INSPRTX Respondent's private health insurance covers drug treatment

- 21 9 = Missing
- 858 0 = No (F5d = 3 or INSPRI = 0)
- 29 1 = Yes (F5d = 1, 2 and INSPRI = 1)

1308 INSPUB Respondent has public health insurance

- 20 9 = Missing
- 635 0 = No (F5b1, F5b2, and F5b3 =0, -9)
- 253 1 = Yes (F5b1, F5b2, or F5b3 = 1)

1309 INSPUTX Respondent's public health insurance covers drug treatment

- 22 9 = Missing
- 788 0 = No (F5d = 3 or INSPUB = 0)
- 98 1 = Yes (F5d = 1, 2 and INSPUB = 1)

1310 INSYR Any institutionalization - past year

- 509 0 = No (INCYR and OINYR = 0)
- 399 1 = Yes (INCYR or OINYR = 1)

1311 LOCATION State location within DC MSA

- 556 1 = DC (ZMUNIC = 5)
- 143 2 = Maryland (ZMUNIC = 3, 4, 9, 13, 14)
- 209 3 = Virginia (ZMUNIC = 1, 2, 6, 7, 8, 10, 11, 12, 15)

1312 LOCLTS1 DC versus non-DC location last time in school

- 25 9 = Unknown (0 LE J7I)
- 515 1 = DC MSA (0 LT J7I LE 16)
- 368 2 = Outside DC MSA (J7I GE 17)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1313   LOCPCE1   DC versus non-DC location prior to the current episode

39	9 = Unknown (0 LE A7)
743	1 = DC MSA (0 LT A7 LE 16)
126	2 = Outside DC MSA (A7 GE 17)

1314   LOCPN1   DC versus non-DC location prior night

39	9 = Unknown (0 LE A8)
857	1 = DC MSA (0 LT A8 LE 16)
12	2 = Outside DC MSA (A8 GE 17)

1315   MARSTAT   Categorized - Marital status

21	9 = Missing
502	1 = Single (J2a = -9, 4, or 5)
88	2 = Married (J2a = 1)
297	3 = Divorced or widowed (J2a = 2, 3)

1316   MCKANY   Member of any McKinney Act subgroup

35	0 = No (MCKFAM, MCKILL, MCKUN, MCKVET, MCKYOU, HVYDRK, ANYMON and MHTXFL = 0)
873	1 = Yes (MCKFAM, MCKILL, MCKUN, MCKVET, MCKYOU, HVYDRK, ANYMO or MHTXFL = 1)

1317   MCKFAM   Respondent is a family head

12	9 = Missing
650	0 = No (J10 = 0, 1, or J11 = 0, 1, or J12 = 0)
246	1 = Yes (J10 GT 1, J11 GT 1, and J12 GE 1)

1318   MCKILL   Respondent is physically ill

6	9 = Missing
240	0 = No (F1a, F1b, F1c, F1d, F2a, F2b, F2c, F2d, F2e and F2f = 2, and PRGYR=0 or missing)
662	1 = Yes (F1a, F1b, F1c, F1d, F2a, F2b, F2c, F2d, F2e or F2f = 1, 3, or PRGYR=1)

1319-1320   MCKUN   Respondent is unemployed

21	-8 = Missing
13	-3 = Not applicable (EMPSTAT = 5)
423	0 = No (EMPSTAT = 1, 2, or 4)
451	1 = Yes (EMPSTAT = 3)

1321   MCKVET   Respondent is a veteran

11	9 = Missing
708	0 = No (J9 = 2)
189	1 = Yes (J9 = 1, 3)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1322	MCKYOU		Respondent is a youth
		1	9 = Missing
		836	0 = No (CATAGE GT 2 or BD_AGE_E GE 22)
		71	1 = Yes (CATAGE=1 or 0 LE BD_AGE_E LT 22)

1323	METFLAG		Methamphetamine use - lifetime
		10	9 = Missing
		877	0 = No (B9 = 2)
		21	1 = Yes (B9 = 1, 3)

1324	METMON		Methamphetamine use - past month
		12	9 = Missing
		891	0 = No (B9b = -9, 3-6, 8)
		5	1 = Yes (B9b = 1, 2, 7)

1325-1327	METUIS		Methamphetamine - use in status
			(IMPLIED DECIMAL POINT, FORMAT 3.2)
		12	-8 = Missing
		892	0 = None (B9c = 0, -9)
			Percentage of days used (B9c/DAYSTAT)
			ACTUAL NUMBER (values may be grouped to save space)
		2	.01-.10
		2	.11-.25

1328	METYR		Methamphetamine use - past year
		12	9 = Missing
		886	0 = No (B9b = -9, 5-6)
		10	1 = Yes (B9b = 1-4, 7-8)

1329	MHSM30_c		Categorized - Number of psychological problems in past month
		7	9 = Missing
		241	1 = None (MHSUM30 = 0)
		453	2 = 1 to 3 (MHSUM30 = 1-3)
		175	3 = 4 to 6 (MHSUM30 = 4-6)
		32	4 = 7 to 9 (MHSUM30 = 7-9)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1330   MHSUM   Number of psychological problems experienced in lifetime

     8   = Missing (blank)
   94   0 = None (G1a, G2a, G3a, G4a, G5a, G6a, G7a, G8a, and G9a = 2)
           Number of problems (number of "yes" answers [1 or 3] to
              G1a, G2a, G3a, G4a, G5a, G6a, G7a, G8a, G9a)
           ACTUAL NUMBER (values may be grouped to save space)
   108   1
   136   2
   143   3
   128   4
   95   5
   78   6
   73   7
   32   8
   13   9

1331   MHSUM30   Number of psychological problems in past month

     7   = Missing (blank)
   241   0 = None (G1b, G2b, G3b, G4b, G5b, G6b, G7b, G8b, and G9b = -9
              or 2)
           Number of problems (number of "yes" answers "1" to G1b,
              G2b, G3b, G4b, G5b, G6b, G7b, G8b, G9b)
           ACTUAL NUMBER (values may be grouped to save space)
   163   1
   164   2
   126   3
   88   4
   52   5
   35   6
   24   7
    7   8
    1   9

1332   MHSUM_c   Categorized - Number of psychological problems experienced in lifetime

     8   9 = Missing
   94   1 = None (MHSUM = 0)
   387   2 = 1 to 3 (MHSUM = 1-3)
   301   3 = 4 to 6 (MHSUM = 4-6)
   118   4 = 7 to 9 (MHSUM = 7-9)

1333   MHTX30   Mental health treatment history - past month

     8   9 = Missing
   847   0 = No (G10a and G11a = -9, 3-6)
   53   1 = Yes (G10a or G11a = 1, 2)

1334   MHTXFL   Mental health treatment history - lifetime

   20   9 = Missing
   652   0 = No (G10, G10a, G10b, G11, G11a, G11b, = 0, -9, and G12 =2)
   236   1 = Yes (G10, G10a, G10b, G11, G11a, G11b, GT 0, or G12 = 1,3)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1335   **MRJFLAG**   Marijuana use - lifetime

5	9 = Missing
269	0 = No (B3=2)
634	1 = Yes (B3,1,3)

1336   **MRJMON**   Marijuana use - past month

9	9 = Missing
800	0 = No (B3b = -9, 3-6,8)
99	1 = Yes (B3b, 1, 2 , 7)

1337-1339   **MRJUIS**   Marijuana - use in status
(IMPLIED DECIMAL POINT, FORMAT 3.2)

21	-8 = Missing
804	0 = None (B3c = -9, 0)
	Percentage of days used (B3c/DAYSTAT)
	ACTUAL NUMBER (values may be grouped to save space)
58	.01-.10
15	.11-.25
5	.26-.50
1	.51-.99
4	1.0

1340   **MRJYR**   Marijuana use - past year

9	9 = Missing
628	0 = No (B3b = -9, 5-6)
271	1 = Yes (B3b, 1-4, 7-8)

1341   **NDLFLAG**   Needle use - lifetime

56	9 = Missing
674	0 = No (C2 = 2)
178	1 = Yes (C2 = 1, 3)

1342   **NDLMON**   Needle use - past month

57	9 = Missing
812	0 = No (C2b = -9, 3-6)
39	1 = Yes (C2b = 1, 2)

1343   **NDLYR**   Needle use - past year

57	9 = Missing
749	0 = No (C2b = -9, 5-6)
102	1 = Yes (C2b = 1-4)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1344-1349   NETALL   Total net income

17	-8888 = Missing
9	-999 = -$999 or less
2	9999 = $9999 or greater
	ACTUAL NUMBER (values may be grouped to save space)
168	LT 0 = Net loss of income (INCALL-EXPALL LT 0)
167	0 = No net income (INCALL-EXPALL = 0)
545	GT 0 = Net gain of income (INCALL-EXPALL GT 0)

1350-1354   NETERN   Earned net income

57	-8888 = Missing
8	-999 = -$999 or less
3	9999 = $9999 or greater
	ACTUAL NUMBER (values may be grouped to save space)
492	LT 0 = Net loss of income (INCERN-EXPLEG LT 0)
141	0 = No net income (INCERN-EXPLEG = 0)
207	GT 0 = Net gain of income (INCERN-EXPLEG GT 0)

1355-1359   NETILL   Illegal net income

54	-8888 = Missing
10	-999 = -$999 or less
1	9999 = $9999 or greater
	ACTUAL NUMBER (values may be grouped to save space)
109	LT 0 = Net loss of income (INCILL-EXPILL LT 0)
681	0 = No net income (INCILL-EXPILL = 0)
53	GT 0 = Net gain of income (INCILL-EXPILL GT 0)

1360-1364   NETLEG   Legal net income

17	-8888 = Missing
5	-999 = -$999 or less
2	9999 = $9999 or greater
	ACTUAL NUMBER (values may be grouped to save space)
174	LT 0 = Net loss of income (INCLEG-EXPLEG LT 0)
149	0 = No net income (INCLEG-EXPLEG = 0)
561	GT 0 = Net gain of income (INCLEG-EXPLEG GT 0)

1365   NPSNDLYR   Categorized - Number of people who respondent shared works with in the past year

55	9 = Missing
816	1 = None (C2i = -9, 0)
16	2 = 1 person (C2i = 1)
21	3 = 2+ people (C2i GE 2)

1366   OINFLAG   Lived in another type of institution - lifetime

152	0 = No ([D1c1, D1c2, D1c4, D1c5, D1c7 and D1c8 = 0, -9], and [F6 = 0, -9], and [G10 = 0, -9], and [I4a and I5a = 2])
756	1 = Yes ([D1c1, D1c2, D1c4, D1c5, D1c7, or D1c8 = 1], or [F6 GT 0], or [G10 GT 0], or [I4a or I5a = 1, 3])

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1367   OINYR   Lived in another type of institution - past year

557   0 = No ([{0 LT D1d LT 5} and {D1c1, D1c2, D1c4, D1c5, D1c7 and D1c8 NE 1}], and [F6a = -9, 0], and [G10a = -9, 5, 6], or [I4bm, I4bw, I5bm, and I5bw = -9, 0])
351   1 = Yes ([{0 LT D1d LT 5} and {D1c1, D1c2, D1c4, D1c5, D1c7 or D1c8 = 1}], or [F6a GT 0], or [0 LT G10a LT 5], or [I4bm, I4bw, I5bm, or I5bw GT 0])

1368   OTHRLA   Needed larger amounts of any drugs to get high - other than marijuana and crack

16   9 = Missing
809   0 = No (C5_4, C5_6, C5_7, C5_8, C5_9, C5_10, C5_11, C5_12, and C5_13 = 0, -9)
83   1 = Yes (C5_4, C5_6, C5_7, C5_8, C5_9, C5_10, C5_11, C5_12, or C5_13 = 1)

1369   OTHRTCD   Tried to cut down on the use any drugs - other than marijuana and crack

27   9 = Missing
778   0 = No (C7_4, C7_6, C7_7, C7_8, C7_9, C7_10, C7_11, C7_12, and C7_13 = 0, -9)
103   1 = Yes (C7_4, C7_6, C7_7, C7_8, C7_9, C7_10, C7_11, C7_12, or C7_13 = 1)

1370   OTHRUWA   Used any drugs with alcohol - other than marijuana and crack

6   9 = Missing
765   0 = No (C1_4, C1_6, C1_7, C1_8, C1_9, C1_10, C1_11, C1_12, and C1_13 = 0, -9)
137   1 = Yes (C1_4, C1_6, C1_7, C1_8, C1_9, C1_10, C1_11, C1_12, or C1_13 = 1)

1371   OTHRWS   Had withdrawal symptoms from any drugs - other than marijuana and crack

40   9 = Missing
795   0 = No (C6_4, C6_6, C6_7, C6_8, C6_9, C6_10, C6_11, C6_12, and C6_13 = 0, -9)
73   1 = Yes (C6_4, C6_6, C6_7, C6_8, C6_9, C6_10, C6_11, C6_12, or C6_13 = 1)

1372   OWNANY   Any weeks in own household

37   9 = Missing
428   1 = Yes (WKHOU GT 0)
443   2 = No (WKHOU = 0)

1373   OWNGRP   Categorized - Number of weeks in own household

37   9 = Missing
443   1 = 0 (WKHOU=0)
75   2 = 1 to 13 (1 LE WKHOU LE 13)
103   3 = 14 to 26 (14 LE WKHOU LE 26)
62   4 = 27 to 39 (27 LE WKHOU LE 39)
188   5 = 40 to 52 (40 LE WKHOU)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1374-1375   PATFLAG   Pattern of drug use - lifetime

     2   -8 = Missing

   16   1 = Cocaine only (COCFLAG=1, MRJFLAG=0, HERFLAG=0, PSYFLAG=0, METFLAG=0, INHFLAG=0, and HALFLAG=0)

   77   2 = Marijuana only (COCFLAG=0, MRJFLAG=1, HERFLAG=0, PSYFLAG=0, METFLAG=0, INHFLAG=0, and HALFLAG=0)

   87   3 = Cocaine and marijuana only (COCFLAG=1, MRJFLAG=1, HERFLAG=0, PSYFLAG=0, METFLAG=0, INHFLAG=0, and HALFLAG=0)

  145   5 = Cocaine, heroin, marijuana, psychotherapeutics, other (COCFLAG=1, MRJFLAG=1, HERFLAG=1, and PSYFLAG=1, and [METFLAG, INHFLAG, or HALFLAG = 1])

  102   6 = Cocaine, marijuana, and other only (COCFLAG=1, MRJFLAG=1, HERFLAG=0, and PSYFLAG=1, and [METFLAG, INHFLAG, or HALFLAG = 1])

   29   7 = Cocaine, heroin, marijuana, and other only (COCFLAG=1, MRJFLAG=1, HERFLAG=1, and PSYFLAG=0, and [METFLAG, INHFLAG, or HALFLAG = 1])

   76   8 = Cocaine, marijuana, psychotherapeutics, and other only (COCFLAG=1, MRJFLAG=1, HERFLAG=0, and PSYFLAG=1, and [METFLAG, INHFLAG, or HALFLAG = 1])

   23   9 = Cocaine, marijuana, and psychotherapeutics only (COCFLAG=1, MRJFLAG=1, HERFLAG=0, PSYFLAG=1, METFLAG=0, INHFLAG=0, and HALFLAG=0)

   20   10 = Marijuana and other only (COCFLAG=0, MRJFLAG=1, HERFLAG=0, and PSYFLAG=0, and [METFLAG, INHFLAG, or HALFLAG = 1])

   16   11 = Marijuana, psychotherapeutics, and other only (COCFLAG=0, MRJFLAG=1, HERFLAG=0, and PSYFLAG=1, and [METFLAG, INHFLAG, or HALFLAG = 1])

   16   12 = Marijuana and psychotherapeutics only (COCFLAG=0, MRJFLAG=1, HERFLAG=0, PSYFLAG=1, METFLAG=0, INHFLAG=0, and HALFLAG=0)

   18   13 = Cocaine, heroin, and marijuana only (COCFLAG=1, MRJFLAG=1, HERFLAG=1, PSYFLAG=0, METFLAG=0, INHFLAG=0, and HALFLAG=0)

   11   14 = Other only (COCFLAG=0, MRJFLAG=0, HERFLAG=0, and PSYFLAG=0, and [METFLAG, INHFLAG, or HALFLAG = 1])

   17   15 = Cocaine, heroin, marijuana, and psychotherapeutics only (COCFLAG=1, MRJFLAG=1, HERFLAG=1, PSYFLAG=1, METFLAG=0, INHFLAG=0, and HALFLAG=0)

   27   32 = All other patterns consisting of at least one drug (reported by less than 10% of the sample)

  226   64 = No drug use (ANYFLAG=0)

1376   PATFLAG3   Most severe drug of use - lifetime

    1   9 = Missing

  221   1 = Heroin user (HERFLAG=1)

  313   2 = Cocaine user (HERFLAG=0 and COCFLAG=1)

   69   3 = Other drug user (HERFLAG=0, COCFLAG=0, and IEMFLAG=1)

   77   4 = Marijuana drug user (IEMFLAG=0 and MRJFLAG=1)

  227   5 = Nonuser (ANYFLAG=0)

1377-1378 PATMON Pattern of drug use - past month

    2 -8 = Missing
  103 1 = Cocaine only (COCMON=1, MRJMON=0, HERMON=0, PSYMON=0,
         METMON=0, INHMON=0, and HALMON=0)
   35 2 = Marijuana only (COCMON=0, MRJMON=1, HERMON=0, PSYMON=0,
         METMON=0, INHMON=0, and HALMON=0)
   38 3 = Cocaine and marijuana only (COCMON=1, MRJMON=1, HERMON=0,
         PSYMON=0, METMON=0, INHMON=0, and HALMON=0)
   12 4 = Cocaine and heroin only (COCMON=1, MRJMON=0, HERMON=1,
         PSYMON=0, METMON=0, INHMON=0, and HALMON=0)
   50 32 = All other patterns consisting of at least one drug
         (reported by less than 10% of the sample)
  668 64 = No drug use (ANYMON=0)

1379 PATMON3 Most severe drug of use - past month

    1 9 = Missing
   31 1 = Heroin user (HERMON=1)
  154 2 = Cocaine user (HERMON=0 and COCMON=1)
   19 3 = Other drug user (HERMON=0, COCMON=0, and IEMMON=1)
   35 4 = Marijuana drug user (IEMMON=0 and MRJMON=1)
  668 5 = Nonuser (ANYMON=0)

1380-1381 PATYR Pattern of drug use - past year

    2 -8 = Missing
  115 1 = Cocaine only (COCYR=1, MRJYR=0, HERYR=0, PSYYR=0, METYR=0,
         INHYR=0, and HALYR=0)
   52 2 = Marijuana only (COCYR=0, MRJYR=1, HERYR=0, PSYYR=0,
         METYR=0, INHYR=0, and HALYR=0)
  114 3 = Cocaine and marijuana only (COCYR=1, MRJYR=1, HERYR=0,
         PSYYR=0, METYR=0, INHYR=0, and HALYR=0)
   20 4 = Cocaine and heroin only (COCYR=1, MRJYR=0, HERYR=1,
         PSYYR=0, METYR=0, INHYR=0, and HALYR=0)
   12 5 = Cocaine, heroin, marijuana, psychotherapeutics, other
         (COCYR=1, MRJYR=1, HERYR=1, and PSYYR=1, and [METYR, INHYR,
         or HALYR = 1])
   20 6 = Cocaine, marijuana, and other only (COCYR=1, MRJYR=1,
         HERYR=0, and PSYYR=1, and [METYR, INHYR, or HALYR = 1])
   15 9 = Cocaine, marijuana, and psychotherapeutics only (COCYR=1,
         MRJYR=1, HERYR=0, PSYYR=1, METYR=0, INHYR=0, and HALYR=0)
    9 12 = Marijuana and psychotherapeutics only (COCYR=0, MRJYR=1,
         HERYR=0, PSYYR=1, METYR=0, INHYR=0, and HALYR=0)
   12 13 = Cocaine, heroin, and marijuana only (COCYR=1, MRJYR=1,
         HERYR=1, PSYYR=0, METYR=0, INHYR=0, and HALYR=0)
   12 15 = Cocaine, heroin, marijuana, and psychotherapeutics only
         (COCYR=1, MRJYR=1, HERYR=1, PSYYR=1, METYR=0, INHYR=0,
         and HALYR=0)
   10 16 = Cocaine, heroin, and psychotherapeutics only (COCYR=1, MRJYR
         =0, HERYR=1, PSYYR=1, METYR=0, INHYR=0, and HALYR=0)
   10 17 = Psychotherapeutics only (COCYR=0, MRJYR=0, HERYR=0,
         PSYYR=1, METYR=0, INHYR=0, and HALYR=0)
   56 32 = All other patterns consisting of at least one drug
         (reported by less than 10% of the sample)
  449 64 = No drug use (ANYYR=0)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1382   PATYR3   Most severe drug of use - past year

    1   9 = Missing
  87   1 = Heroin user (HERMON=1)
287   2 = Cocaine user (HERMON=0 and COCMON=1)
 39   3 = Other drug user (HERMON=0, COCMON=0, and IEMMON=1)
 49   4 = Marijuana drug user (IEMMON=0 and MRJMON=1)
445   5 = Nonuser (ANYMON=0)

1383   PCPDRG   Number of drug-related health problems - past year

  9   9 = Missing
802   0 = None (F1a, F1b, F1c, and F1d = 0)
    Number of problems (number of "yes" answers "1" to F1a,
       F1b, F1c, and F1d)
    ACTUAL NUMBER (values may be grouped to save space)
 89   1
  8   2

1384   PCPILL   Number of other health problems - past year

  7   9 = Missing
275   0 = None (F2a, F2b, F2c, F2d, F2e, and F2f = 0)
    Number of problems (number of "yes" answers "1" to F2a,
       F2b, F2c, F2d, F2e, and F3f)
    ACTUAL NUMBER (values may be grouped to save space)
311   1
160   2
 97   3
 38   4
 14   5
  6   6

1385   PCPSUM   Total number of physical problems - past year

  5   = Missing (blank)
241   0 = None ([PCPDRG + PCPILL = 0] and [PRGYR = 0])
    Total number ([PCPDRG GE 0] + [PCPILL GE 0] + [PRGYR GE 0])
    ACTUAL NUMBER (values may be grouped to save space)
288   1
186   2
112   3
 41   4
 24   5
  5   6
  5   7
  1   8

1386   PCPSUM_c   Categorized - Total number of physical problems - past year

  5   9 = Missing
241   1 = None (PCPSUM=0)
586   2 = 1 to 3 (1 LE PCPSUM LE 3)
 76   3 = 4+ (PCPSUM GE 4)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1387-1392   POVIG   Annual HHS poverty income guideline (see the Federal Register, Vol. 56, No. 34, pp. 6859-6861)

17	-8 = Missing
	ACTUAL NUMBER (values may be grouped to save space)
582	6620
118	8880
102	11140
54	13400
19	15660
12	17920
2	20189
1	22440
1	24700

1460-1463   POVIND   Poverty income index
(IMPLIED DECIMAL POINT, FORMAT 4.3)

24	-8 = Missing
7	5.01 = Greater than 5.000
	*Percentage of poverty-level income ([INCLEG*12]/POVIG)*
	ACTUAL NUMBER (values may be grouped to save space)
126	0
209	.001-.250
131	.251-.500
160	.501-.750
88	.751-1.000
85	1.001-1.500
38	1.501-2.000
40	2.001-5.000

1396   POVIND_c   Categorized - Poverty income index

24	9 = Missing
170	1 = Above poverty line (POVIND GT 1.00)
244	2 = 51%-100% (.50 LT POVIND LE 1.00)
131	3 = 26%-50% (.25 LT POVIND LE .50)
339	4 = 0%-26% (0 LE POVIND LE .25)

1397   POVNP   Number of people in family

17	= Missing (blank)
	Number of people in family (J11 GT 0)
	ACTUAL NUMBER (values may be grouped to save space)
582	1
118	2
102	3
54	4
35	5-9

1398-1399   PRGFLAG   Respondent has been pregnant - lifetime

5	-8 = Missing
606	-3 = Not applicable (SEX = 1)
27	0 = No (F4 = 2)
270	1 = Yes (F4 = 1, 3)

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COLUMN LOCATION	QRE. ITEM		COUNT	CODE VALUE

1400-1401   PRGYR   Respondent has been pregnant - past year

5	-8 = Missing
606	-3 = Not applicable (SEX = 1)
229	0 = No (PRRFLAG=0 or [PRGFLAG=1 and F4a = 5, 6])
68	1 = Yes (PRGFLAG = 1 and F4a = 3, 4)

1402   PSYFLAG   Psychotherapeutic drug use - lifetime

3	9 = Missing
594	0 = No (STMFLAG and STAFLAG = 0)
311	1 = Yes (STMFLAG or STAFLAG = 1)

1403   PSYMON   Psychotherapeutic drug use - past month

4	9 = Missing
874	0 = No (STMMON and STAMON = 0)
30	1 = Yes (STMMON or STAMON = 1)

1404   PSYYR   Psychotherapeutic drug use - past year

4	9 = Missing
812	0 = No (STMYR and STAYR = 0)
92	1 = Yes (STMYR or STAYR = 1)

1405   RACE   Race/ethnicity of respondent

8	9 = Missing
193	1 = White
632	2 = Black
75	3 = Hispanic and all other

1406-1407   SDFLAG   Respondent is a school dropout

10	-8 = Missing
13	-3 = Not applicable (BD_AGE_E LT 18)
524	0 = No (EDUCAT GT 1)
361	1 = Yes (EDUCAT=1)

1408   SERDAY   Receipt of homeless services - past day

373	1 = Shelter only (SEGMENT = 1, 5)
195	2 = Soup kitchen only (SEGMENT =2, 6)
231	3 = Both (SEGMENT = 4, 7)
109	4 = Neither (SEGMENT = 3)

1409   SERFLAG   Receipt of Receipt of homeless services - lifetime

223	1 = Shelter only ([A9 = 1, 3, 4] and [A10 NE 1, 3, 4])
75	2 = Soup kitchen only ([A9 NE 1, 3, 4] and [A10 = 1, 3, 4])
596	3 = Both ([A9 = 1, 3, 4] and [A10 = 1, 3, 4])
14	4 = Neither ([A9 NE 1, 3, 4] and [A10 NE 1, 3, 4])

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1410 SERFL_c   Categorized - Receipt of any services - lifetime

894 1 = Yes (SERFLAG = 1, 2, 3)
14 2 = No (SERFLAG = 4)

1411 SERMON   Receipt of homeless services— past month

309 1 = Shelter only ([A9a = 1, 3, 4] and [{A10a NE 1, 3, 4} and {ZSAMLOC NE 3}])
169 2 = Soup kitchen only ([A9a NE 1,3,4] and [{A10a = 1,3,4} or {ZSAMLOC = 3}])
394 3 = Both ([A9a = 1, 3, 4] and [{A10a = 1, 3, 4} or {ZSAMLOC=3}])
36 4 = Neither ([A9a NE 1, 3, 4] and [{A10a NE 1, 3, 4} and {ZSAMLOC NE 3}])

1412 SERMON_c   Categorized - Receipt of any services - past month

872 1 = Yes (SERMON = 1, 2, 3)
36 2 = No (SERMON = 4)

1413 SEX   Sex of respondent

606 1 = Male (J1 = 1 or OB1 = 1)
302 2 = Female (J1 = 2 or OB1 = 2)

1414 SHOOTGYR Shoot up in shooting gallery - past year

49 9 = Missing
829 0 = No (C2g = -9 or NDLYR=0)
30 1 = Yes (C2g GT 0)

1415 SKMEAL   Type of soup kitchen meal

697 9 = Missing/not applicable
44 1 = Breakfast
84 2 = Lunch
45 3 = Dinner
38 4 = Food bank

1416 SKSIT   Type of soup kitchen seating

691 9 = Missing
23 1 = Single sitting
72 2 = Multiple sittings
60 3 = Mobile unit
62 4 = Flow-type food bank

1417 STAFLAG   Sedative, tranquilizer, or analgesic use - lifetime

18 9 = Missing
657 0 = No (B11 = 2)
233 1 = Yes (B11 = 1, 3)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1418 STAMON Sedative, tranquilizer, or analgesic use - past month

		27	9 = Missing
		856	0 = No (B11b = -9, 3-6, 8)
		25	1 = Yes (B11b = 1, 2, 7)

1419-1421 STAUIS Sedative, tranquilizer, or analgesic - use in status
(IMPLIED DECIMAL POINT, FORMAT 3.2)

27	-8 = Missing
857	0 = None (B11c = 0, -9)
	Percentage of days used (B11c/DAYSTAT)
	ACTUAL NUMBER (values may be grouped to save space)
7	.01-.10
8	.11-.25
3	.26-.50
2	.51-.99
4	1.0

1422 STAYR Sedative, tranquilizer, or analgesic use - past year

27	9 = Missing
807	0 = No (B11b = -9, 5-6)
74	1 = Yes (B11b = 1-4, 7-8)

1423 STMFLAG Other stimulant use - lifetime

7	9 = Missing
663	0 = No (B10 = 2)
238	1 = Yes (B10 = 1, 3)

1424 STMMON Other stimulant use - past month

13	9 = Missing
885	0 = No (B10b = -9, 3-6, 8)
10	1 = Yes (B10b = 1, 2, 7)

1425-1427 STMUIS Other stimulant - use in status
(IMPLIED DECIMAL POINT, FORMAT 3.2)

14	-8 = Missing
886	0 = None (B10c = -9, 0)
	Percentage of days used (B10c/DAYSTAT)
	ACTUAL NUMBER (values may be grouped to save space)
2	.01-.10
3	.11-.25
2	.26-.50
0	.51-.99
1	1.0

1428 STMYR Other stimulant use - past year

13	9 = Missing
863	0 = No (B10b = -9, 5-6)
32	1 = Yes (B10b = 1-4, 7-8)

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1429   TXFLAG   Alcohol or drug treatment history - lifetime

- 8   9 = Missing
- 515   0 = No (D1 LE 0 and D1a LE 0)
- 385   1 = Yes (D1 GT 0 or D1a GT 0)

1430   TXYR   Alcohol or drug treatment history - past year

- 15   9 = Missing
- 691   0 = No (D1d LE 0 and D1a LE 0)
- 202   1 = Yes (D1 GT 0 or D1a GT 0)

1431   UOLDNDL   Use of old needles

- 26   9 = Missing
- 795   0 = No (C2c = 2, -9, and C2d = 1, -9)
- 87   1 = Yes (C2c = 1 or C2d GT 1)

1432-1433   WKCOR   Number of weeks in correctional facility - past year

- 69   -8 = Missing
- 728   0 = None (I6bm and I6bw = 0, -9)

Number of weeks (for I6bm and I6bw GE 0, calculated as MIN 0
[I6bm*52/12] + I6bw],MAX 52)

ACTUAL NUMBER (values may be grouped to save space)
- 23   1
- 7   2
- 3   3
- 17   4
- 15   5-12
- 23   13-26
- 8   27-51
- 15   52 weeks

1434-1435   WKELSE   Number of weeks spent in someone else's home - past year

- 49   -8 = Missing
- 411   0 = None (I2bm and I2bw = 0, -9)

Number of weeks (for I2bm and I2bw GE 0, calculated as MIN 0
[I2bm*52/12] + I2bw], MAX 52)

ACTUAL NUMBER (values may be grouped to save space)
- 26   1
- 16   2
- 11   3
- 41   4
- 60   5-12
- 127   13-26
- 96   27-51
- 71   52 weeks

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1436-1437 WKGQ Number of weeks spent in unsupervised group quarters - past year

- 68 -8 = Missing
- 809 0 = None (I3bm and I3bw = 0, -9)

Number of weeks (for I3bm and I3bw GE 0, calculated as MIN 0 [13bm*52/12] + I3bw], MAX 52)
ACTUAL NUMBER (values may be grouped to save space)

- 1 1
- 1 2
- 4 4
- 0 5-12
- 10 13-26
- 3 27-51
- 12 52 weeks

1438-1439 WKHOU Number of weeks in spent in own home - past year

- 37 -8 = Missing
- 443 0 = None (I1bm and I1bw = 0, -9)

Number of weeks (for I1bm and I1bw GE 0, calculated as MIN 0 [I1bm*52/12] + I1bw], MAX 52)
ACTUAL NUMBER (values may be grouped to save space)

- 1 1
- 1 2
- 1 3
- 15 4
- 27 5-12
- 133 13-26
- 138 27-51
- 112 52 weeks

1440-1441 WKNUR Number of weeks in a nursing or supervised group home - past year

- 68 -8 = Missing
- 825 0 = None (I4bm and I4bw = 0, -9)

Number of weeks (for I4bm and I4bw GE 0, calculated as MIN 0 [I4bm*52/12] + I4bw], MAX 52)
ACTUAL NUMBER (values may be grouped to save space)

- 1 1
- 3 4
- 1 5-12
- 6 13-26
- 2 27-51
- 2 52 weeks

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1442-1443   WKOS   Number of weeks spent in other settings - past year

196	-8 = Missing
688	0 = None (I9bm and I9bw = 0, -9)
	Number of weeks (for I9bm and I9bw GE 0, calculated as MIN 0 [I9bm*52/12] + I9bw], MAX 52)
	ACTUAL NUMBER (values may be grouped to save space)
2	1
2	2
8	5-12
9	13-26
3	27-51
0	52 weeks

1444-1445   WKSH   Number of weeks spent in emergency shelters - past year

32	-8 = Missing
242	0 = None (I7bm and I7bw = 0, -9)
	Number of weeks (for I7bm and I7bw GE 0, calculated as MIN 0 [I7bm*52/12] + I7bw], MAX 52)
	ACTUAL NUMBER (values may be grouped to save space)
44	1
26	2
29	3
65	4
86	5-12
189	13-26
84	27-51
111	52 weeks

1446-1447   WKST   Number of weeks spent in nondomicile or street settings - past year

76	-8 = Missing
551	0 = None (I8bm and I8bw = 0, -9)
	Number of weeks (for I8bm and I8bw GE 0, calculated as MIN 0 [I8bm*52/12] + I8bw], MAX 52)
	ACTUAL NUMBER (values may be grouped to save space)
42	1
26	2
4	3
28	4
29	5-12
80	13-26
37	27-51
35	52 weeks

COLUMN LOCATION	QRE. ITEM	COUNT	CODE VALUE

1448-1450 WKSUM Sum of weeks in various settings - past year (note that this variable may exceed 52 because the source variables count any part of a week as a week)

14	-8 = Missing
29	0 = None (WKHOU + WKELSE + WKGQ + WKNUR + WKTXF + WKCOR + WKSH + WKST = 0)
52	105=105 or more weeks

Number of weeks (WKHOU + WKELSE + WKGQ + WKNUR + WKTXF + WKCOR + WKSH + WKST GT 0)

ACTUAL NUMBER (values may be grouped to save space)

11	1-4
12	5-12
38	13-26
166	27-51
408	52
178	53-104

1451-1452 WKTXF Number of weeks in a hospital or other treatment facility - past year

65	-8 = Missing
730	0 = None (I5bm and I5bw = 0, -9)

Number of weeks (for I5bm and I5bw GE 0, calculated as MIN 0 [I5bm*52/12] + I5bw], MAX 52)

ACTUAL NUMBER (values may be grouped to save space)

14	1
10	2
5	3
30	4
20	5-12
25	13-26
6	27-51
3	52 weeks

1453-1455 ZDURAT Duration of interview in minutes

1456 ZSAMLOC Spatial location of interview

64	1=Street block
477	2=Shelter
224	3=Soup kitchen meal
143	4=Encampment cluster

1457 ZURBAN Urbanicity of location

556	1=Inner city
281	2=Other urban
71	3=Rural

1458-1459 H1a_c Categorized last occupation (See page 115)

1460-1463 POVIND Poverty income index (See page 134)
(IMPLIED DECIMAL POINT, FORMAT 4.3)

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APPENDIX A

**LISTS OF OTHER CODES USED
IN DC*MADS HOMELESS AND TRANSIENT
POPULATION STUDY'S
QUESTIONNAIRES**

CONTENTS

Table A. Other Drug Codes (Specified in Questions B12 and G12a28s1)

358 = 20/20		814 = Caffeine	
439 = 222		802 = Cannabinol	
333 = 357 Magnum		514 = Carbona [sic]	
333 = 44 Magnum		240 = Carbonate, Lithium	
137 = 7-14		208 = Centrax	
		816 = Chewing Tobacco	
450 = Acetaminophen		117 = Chloral Hydrate	
518 = Acetone		813 = Cigaretttes	
601 = Acid		812 = Cigars	
618 = Acid paper		509 = Cleaning fluids	
425 = Advil		805 = Cocaine	
503 = Aerosol Sprays, Other		415 = Codeine	
807 = Alcohol		815 = Coffee	
808 = All of the ones I've tried		805 = Coke	
826 = Alupent		230 = Compazine	
228 = Amitriptyline		509 = Correction fluids	
114 = Amobarbital		806 = Crack	
821 = Amoxicillin		322 = Crank	
339 = Amphetamines		359 = Criss Cross	
821 = Ampicillin		334 = Cross tops	
506 = Amyl nitrite		359 = Cross, Criss	
103 = Amytal		334 = Crossroads	
420 = Analgesic, OTHER, NOT SPECIFIED		348 = Crystal	
438 = Anaprox		355 = Crystal meth	
507 = Anesthetics, Other		610 = Crystal T	
605 = Angel dust		319 = Cylert	
416 = Anileridine			
451 = Ansaid [sic]		238 = Dafernil [sic]	
338 = Antiadipositum X112 [sic]		111 = Dalmane	
430 = Aspirin		427 = Darvocet	
216 = Atarax		401 = Darvon	
207 = Ativan		509 = Degreasers	
236 = Avatir [sic]		407 = Demerol	
		508 = Dentist Gas	
327 = Beauties, Black		214 = Deprol	
452 = Becadan [sic]		306 = Desoxyn	
362 = Benadryl		225 = Desyrel	
344 = Bennies		302 = Dexamyl	
304 = Benzedrine		335 = Dexatrim	
350 = Betin SS [sic]		301 = Dexedrine	
305 = Biphetamine		356 = Dexies	
330 = Birds, Blue		320 = Dextroamphetamine	
327 = Black beauties		134 = Diasetan [sic]	
327 = Black beauty		218 = Diazepam	
345 = Black Molly		309 = Didrex	
357 = Black Pills, Heart-Shaped		336 = Diet pills	
330 = Blue birds		408 = Dilaudid	
620 = Blue dragon		136 = Dimetapp	
330 = Blue jays		616 = DMT	
436 = Bufferin		402 = Dolene	
211 = Buspar		443 = Dolobid	
525 = Butane		106 = Doriden	
102 = Buticaps		120 = Downers	

620 = Dragon, Blue	328 = Hearts, Pink
621 = Dragon, Red	342 = Hearts, Purple
702 = Heroin	519 = Helium
615 = Drugs, Homemade	615 = Homemade drugs
801 = Drugs, OTHER, NOT SPECIFIED	117 = Hydrate, chloral
613 = Duckweed	434 = Hydrocodone
217 = Durrax	
605 = Dust, Angel	442 = Ibuprofen
	322 = Ice
430 = Ecotrin	235 = Imipramine
606 = Ecstasy	512 = Incense
329 = Eggs, Robin's	819 = Inderal
329 = Eggs, Speckled	819 = Inderol
239 = Elavil	510 = Inhalant, OTHER, NOT SPECIFIED
430 = Empirin	312 = Ionamin
444 = Empirin 3	361 = Isutrars [sic]
332 = Ephedrine	361 = Isyfiars [sic]
346 = Ephedrine Sulfate	
242 = Equagesic	124 = Jackets, yellow
213 = Equanil	330 = Jays, Blue
303 = Eskatrol	609 = Jimson [sic] weed
507 = Ether	
243 = Etrafon	505 = Lacquer thinner
428 = Execl [sic]	352 = Lemons
	405 = Levo-Dromoran
313 = Fastin	229 = Librax
511 = Felt-tip pens	202 = Librium
424 = Fioricet	501 = Lighter fluids
426 = Fiorinal	601 = Lightning, White
	203 = Limbitrol
455 = Fiorinal with Codeine	504 = Liquid, Shoeshine
234 = Flexeril	240 = Lithium Carbonate
509 = Fluids, Cleaning	506 = Locker room odorizer
509 = Fluids, Correction	456 = Lorcet HD
501 = Fluids, Lighter	601 = LSD
437 = Forte, Parafon	441 = Luitab [sic]
516 = Freon	
429 = Frost 222	333 = Magnum 357
	333 = Magnum 44
508 = Gas, Dentist	803 = Marijuana
501 = Gasoline	511 = Markers
504 = Glue	523 = Matches
611 = Greens	317 = Mazanor
	614 = MDA
113 = Halcion	606 = MDMA
131 = Haldol	104 = Mebaral
607 = Hallucinogen, OTHER, NOT SPECIFIED	232 = Mellaril
	204 = Menrium
507 = Halothane	220 = Meprobamate
612 = Happy stick	603 = Mescaline
817 = Hard stuff	355 = Meth, Crystal
804 = Hashish	418 = Methadone
357 = Heart-shaped black pills	322 = Methamphetamine

116	=	Methaqualone
321	=	Methedrine
318	=	Methylphenidate
623	=	Mickey Mousers
622	=	Microdot (Mickrodor)
622	=	Microdot, Purple
212	=	Miltown
345	=	Molly, Black
337	=	Molly, White
617	=	Morning glory seeds
417	=	Morphine
422	=	Motrin
623	=	Mousers, Mickey
231	=	MS [sic]
811	=	Muscle relaxers
604	=	Mushrooms
526	=	Nail polish
518	=	Nail Polish Remover
438	=	Naprosyn
108	=	Nembutal
128	=	Nervine
818	=	Nicotine
527	=	Nitrate, phenyl
506	=	Nitrite, Amyl
343	=	Nitroglycerine
508	=	Nitrous oxide
353	=	No-Doz
107	=	Noludar
445	=	Norgesic Forte
454	=	Novocain
127	=	Nytol
323	=	Obedrin-L.A.
506	=	Odorizer, Locker Room
520	=	Old paint
701	=	Opiates, OTHER, NOT SPECIFIED
703	=	Opium
608	=	Organes-25 [sic]
453	=	Organidin with codeine
446	=	Orvais [sic]
503	=	Other aerosol sprays
420	=	OTHER Analgesic, NOT SPECIFIED
507	=	Other anesthetics
801	=	OTHER DRUGS, NOT SPECIFIED
607	=	OTHER Hallucinogen, NOT SPECIFIED
510	=	OTHER Inhalant, NOT SPECIFIED
701	=	OTHER Opiates, NOT SPECIFIED
505	=	Other paint solvents
120	=	OTHER Sedative, NOT SPECIFIED
324	=	OTHER Stimulant, NOT SPECIFIED

221	=	OTHER Tranquilizer, NOT SPECIFIED
508	=	Oxide, Nitrous
505	=	Paint Solvents, Other
520	=	Paint, Old
502	=	Paints, Spray
618	=	Paper, Acid
437	=	Parafon Forte
433	=	Paregoric
210	=	Paxipam
605	=	PCP
820	=	Pennicillin
511	=	Pens, Felt-tip
118	=	Pentobarbital
118	=	Pentothal
423	=	Percocet
406	=	Percodan
602	=	Peyote
410	=	Phenaphen 3
410	=	Phenaphen with Codeine
605	=	Phencyclidine
130	=	Phenergan (Phenegren)
115	=	Phenobarbital
349	=	Phentametrazine [sic]
313	=	Phentermine
527	=	Phenyl Nitrate
347	=	Phenylpropanolamine
809	=	Pills
336	=	Pills, Diet
357	=	Pills, Heart-Shaped Black
328	=	Pink hearts
341	=	Pink roses
105	=	Placidyl
310	=	Plegine
518	=	Polish Remover, Nail
526	=	Polish, Nail
314	=	Pondimin
506	=	Poppers
311	=	Preludin
521	=	Propane
414	=	Propoxyphene
241	=	Prozac
604	=	Psilocybin
342	=	Purple hearts
622	=	Purple Microdot
351	=	Q'at
116	=	Quaalude
125	=	Qulande [sic]
360	=	Rainbow speed
621	=	Red dragon

129 = Reds	227 = Thorazine
811 = Relaxers, Muscle	340 = Tiamina 250 [sic]
518 = Remover, Nail Polish	619 = TIC [xic]
112 = Restoril	816 = Tobacco, Chewing
318 = Ritalin	813 = Tobacco, not specified
223 = Robaxin	816 = Tobacco, smokeless
329 = Robin's eggs	448 = Tobutrol [sic]
506 = Room Odorizer, Locker	504 = Toluene
341 = Roses, Pink	517 = Tolyol [sic]
432 = Rufen	334 = Tops, Cross
506 = Rush	221 = Tranquilizer, OTHER, NOT SPECIFIED
316 = Sanorex	206 = Tranxene
119 = Secobarbital	224 = Triavil
109 = Seconal	233 = Trilafon
120 = Sedative, OTHER, NOT SPECIFIED	110 = Tuinal
617 = Seeds, Morning Glory	513 = Tulio [sic]
205 = Serax	522 = Tuner, TV
612 = Shermstick	522 = TV Tuner
504 = Shoeshine liquid	435 = Tylenol
403 = SK-65	409 = Tylenol 3
219 = SK-Lygen	409 = Tylenol with Codeine
122 = Sleep Aid	431 = Tylox
132 = Sleepettes [sic]	
816 = Smokeless tobacco	123 = Unisom
816 = Snuff	324 = Uppers
118 = Sodium Pentothal	421 = USED ANALGESIC, DON'T KNOW
505 = Solvents, Paints, Other	121 = USED SEDATIVE, DON'T KNOW
440 = Soma	325 = USED STIMULANT, DON'T KNOW
126 = Somenex	222 = USED TRANQUILIZER, DON'T KNOW
116 = Sopor	
329 = Speckled eggs	201 = Valium
339 = Speed (amphetamines generically)	237 = Versed
322 = Speed (methamphetamine)	515 = Vicks
360 = Speed, Rainbox	434 = Vicodin
502 = Spray paints	215 = Vistaril
503 = Sprays, Aerosol, Other	354 = Vivarin
419 = Stadol	315 = Voranil
226 = Stelazine	
612 = Stick, Happy	609 = Weed, Jimson [sic]
324 = Stimulant, OTHER, NOT SPECIFIED	528 = Whipped-cream can
346 = Sulfate, Ephedrine	508 = Whippets
504 = Super glue	326 = White cross
447 = Synalgas (Synalgos)	601 = White lightning
447 = Synalgos	337 = White Molly
	524 = White-Out
413 = Talacen	331 = Whites
411 = Talwin	404 = Wygesic
412 = Talwin NX	
307 = Tenuate	606 = X-TC
308 = Tepanil	209 = Xanax
802 = THC	449 = Xycodone [sic]
825 = Theo-Dur	
505 = Thinner, Lacquer	124 = Yellow jackets

Table B. List of Specific Medical Problems (Specified in Questions F2a_c,
F2b_c, F2c_c, F2d_c, F2e_c, F2f_c, F3a_a, F3a_b, and F3a_c

Code	Problem	Code	Problem
01	Respiratory problems	51	Heart murmur
02	Breathing problems	52	Infected toe
03	Bronchitis	53	Hypertension
04	Asthma	54	HIV
05	Hay fever	55	Tendonitis
06	Pneumonia	56	Seizures
07	Emphysema	57	Depression
08	Flu	58	Headaches
09	Cold	59	Vitamins
10	Heart problems	60	Allergies
11	Circulatory systems	61	Leg & foot problems
12	High blood pressure	71	Bowel blockage
13	Anemia	72	Shakes
14	Heart disease	73	Dental problems
15	Digestive system	74	"Detox"
16	Stomach problems	75	Sickel cell anemia
17	Ulcers (stomach)	76	Remove fluid from legs
18	Colitis	77	Eczema
19	Bone problems	78	Heroin addiction
20	Muscle problems	79	Bladder infection
21	Paralysis	80	Foot pain
22	Bursitis	81	Had toes cut off
23	Arthritis	82	Gout
24	Nervous problems	83	Acid indigestion
25	Epilepsy	84	Foot swells
26	Migraines	85	Aneurysm
27	Convulsions	86	Iron deficiency
28	Skin ulcers	87	Poison ivy
29	Rashes	88	Tooth infection
30	Sinus problems	90	STD (sexually transmitted diseases)
31	Diabetes		
32	My back	91	Schizophrenia
33	Blood clot	92	Kidney problems
34	Hyperactive problem	93	Allergy medicine
35	Yeast infection	94	Back problems
36	Bleeding from abortion	95	Fractured chest bone
37	Tonsilitis	96	Abscessed tooth
38	Pregnant	97	Insomnia
39	Anxiety	98	Phlebitis
40	Psychiatric problems	99	Food poisoning
41	Soreness of right shoulder	100	Tuberculosis contact
42	Carpal tunnel syndrome	101	Leg pain
43	Eye problems	102	Infection
44	Varicose veins	103	Diarrhea
45	Hernia	104	High blood sugar
46	Birth control	105	Nose
47	Contractions	106	Skin rash
48	Iron supplement	107	Schizophrenia
49	Sprained ankle	108	Cellulite
50	Tumors	109	Liver

Table B   (continued)

Code	Problem		Code	Problem
110	Contact dermatitis		128	AIDS
111	Hydrocortisone		129	Scoliosis
112	Manic depression		130	Recovering from crushed ankle
113	Ligaments		131	Leg pain
114	Ribs		132	Bad hip
115	Skin problems		133	Stomach cramps
116	Throat infection		134	Muscle cramps
117	Sleeping pills		135	Diarrhea
118	Urinating		136	Inflamation
119	Tylenol 3		137	Osteoporosis
120	Penicillin		138	Gums
121	Psychosis		139	Menopause
122	Pain pills for knees		140	Disk in herniated back & neck
123	Iron anemia		141	Operation
124	Skin cream for rash		142	High red blood platelet count
125	Theodol		143	Tooth
126	Tagumia		144	Contact dermatitis
127	Multiple symptoms		145	Ear infection

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│ Quest. ID #   ┌──┬──┬──┬──┐     │
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│               └──┴──┴──┴──┘     │
└─────────────────────────────────┘
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DC*MADS
HOMELESS AND TRANSIENT POPULATION STUDY
MAIN QUESTIONNAIRE

SHELTER SAMPLED RESPONDENT

SHELTER ID# __ __ __ __ __   DATE: __ __-__ __-__ __
                                          M M D D Y Y

INTERV. ID# __ __ __ __ __   START

TEMP. ID# __ __ __ __   TIME: __ __ : __ __ AM/PM
                                          H H   M M

Shelter-Sampled Respondent Introduction and Consent

Hello, my name is _____, and I'm from the Research Triangle Institute. We are doing a study in the D.C. metropolitan area for the U.S. Department of Health and Human Services. I have some questions about housing, and some questions about drug use, including alcohol and tobacco. It will only take about 40 to 50 minutes. In return, we will give you $10 for you time.

You should answer the questions as honestly as you can. Any information you give me is strictly confidential and will only be used by the research staff. Your answers will not be shared with any of the shelter staff and will not affect your ability to stay at the shelter.

The privacy of your answers is protected. We will not record your name or social security number anywhere. We also have a Federal Certificate of Confidentiality. (SHOW R). This means that nothing you tell me can be subpoenaed or used against you in any legal proceeding.

I would like you to understand that your participation is voluntary. You may withdraw from the interview at any time, or, if there are questions you don't want to answer, you don't have to. (PAUSE TO ANSWER ANY QUESTIONS.)

If it's alright with you, let's get started. I will sign my name here, which shows that you have given me your permission to do this interview.

(INTERVIEWER SIGN AND DATE BELOW)

_____   _____
    (Signature of Interviewer)   (Date)

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│ FOR OFFICE USE ONLY             │
│                                 │
│ Questionnaire ID Label          │
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DC*MADS
HOMELESS AND TRANSIENT POPULATION STUDY
MAIN QUESTIONNAIRE

SOUP KITCHEN SAMPLED RESPONDENT

PROGRAM ID# __ __ __ __ __   DATE: __ __ . __ __ . __ __

                                    M M D D Y Y

INTERV. ID#   __ __ __ __ __ __

TEMP. ID#   __ __ __ __   TIME: __ __ : __ __ AM/PM

                                    H H   M M

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┌──────────────────────────────────────────────────────────────────────┐
│          Soup Kitchen-Sampled Respondent Introduction and Consent      │
│                                                                        │
│     Hello, my name is _____, and I'm from the Research Triangle     │
│ Institute. We are doing a study in the D.C. metropolitan area for the  │
│ U.S. Department of Health and Human Services. The purpose of the       │
│ study is to find out how many homeless and transient people have       │
│ problems, the help that they need and the extent to which their needs  │
│ are being met. I have some questions about housing, and some           │
│ questions about drug use, including alcohol and tobacco. It will only  │
│ take about 40 to 50 minutes. In return, we will give you $10 for       │
│ completing the interview.                                              │
│                                                                        │
│     You should answer the questions as honestly as you can. Any        │
│ information you give me is strictly confidential and will only be used  │
│ by the research staff. Your answers will not be shared with any of the │
│ program staff and will not affect your ability to receive food,        │
│ medical or other services from this program.                           │
│                                                                        │
│     The privacy of your answers is protected. We will not record your  │
│ name or social security number anywhere. We also have a Federal        │
│ Certificate of Confidentiality. (SHOW R). This means that nothing you  │
│ tell me can be subpoenaed or used against you in any legal             │
│ proceeding. (OFFER R A COPY TO KEEP)                                   │
│                                                                        │
│     I would like you to understand that your participation is          │
│ voluntary. You may withdraw from the interview at any time, or, if     │
│ there are questions you don't want to answer, you don't have to.       │
│ (PAUSE TO ANSWER ANY QUESTIONS. OFFER R A COPY OF THE STUDY            │
│ BROCHURE TO KEEP.)                                                     │
└──────────────────────────────────────────────────────────────────────┘
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     If it's alright with you, let's get started. I will sign my name here, which shows that you have given me your permission to do this interview.

(INTERVIEWER SIGN AND DATE BELOW)

_____   _____
     (Signature of Interviewer)   (Date)

A. HISTORY OF HOMELESSNESS

The phrase "homeless" is used to describe people who do not sleep in a room, apartment or house of their own and who sometimes stay in a shelter, emergency housing, a car, a campground, or have to search for other places to sleep. The first few questions are about being homeless.

A-1. Have you ever been homeless?

YES......................01 → [GO TO A-2]

NO........................02

> PROBE FOR NONCONVENTIONAL HOUSING. IF APPLICABLE, READ THE FOLLOWING STATEMENT:
>
> IF NOT APPLICABLE, SKIP TO A-9, AND USE 30 DAYS FOR A-4.
>
> Rather than ask about homelessness, I am going to ask you about things that have happened since you lived in (TYPE OF NONCONVENTIONAL HOUSING).

A-2. (Including this time), how many times in your life have you been homeless? That is, not living in your own room, apartment, or house for a night or more?

TIMES:................___ ___ ___

A-3. How old were you the first time you were homeless?

AGE:....................___ ___

A-4. How long (have you been homeless this time/were you homeless the last time)? (IF LESS THAN 30 DAYS, PROBE AND RECORD IN DAYS)

DAYS:..................___ ___

WEEKS:...............___ ___
MONTHS:............___ ___
YEARS:................___ ___

> FOR SUBSEQUENT QUESTIONS, USE ANSWER FROM A-4 IF LESS THAN 30 DAYS;
> USE 30 DAYS IF A-4 IS MORE THAN 30 DAYS OR IF R IS NOT CURRENTLY HOMELESS

> IF R IS CURRENTLY HOMELESS, SKIP TO A-5

A-4a. How long ago did your last period of homelessness end?

DAYS:................___ ___

WEEKS:.............___ ___
MONTHS:.........___ ___
YEARS:..............___ ___

A-5. In what kind of place did you live before you became homeless (this/the last) time?

<div style="margin-left: 2em;">

A house..01

An apartment...02

A room, paid for by R..03

A boat..04

Some other form of regular housing..............................05
(SPECIFY) _____

</div>

A-6. Who did that place belong to? By belong, I mean who paid the rent or mortgage or owned it?

<div style="margin-left: 2em;">

Self..01 ⎤
Spouse..02 ⎦ → [SKIP TO A-7]

Parent..03
Other relative...04
Sexual partner...05
Friend..06
Someone else..07
(SPECIFY) _____

</div>

A-6a. Did you have an arrangement with your (parent/relative/partner/ friends/this person) to sleep in their place on a regular basis?

<div style="margin-left: 6em;">

YES...................01

NO.....................02

</div>

A-7. In what city or county was that place located? (PROBE: In what state, district, or territory is that?) (RECORD LOCATION)

<div style="margin-left: 2em;">

Alexandria, VA...01
Arlington, VA...02
Calvert County, MD..03
Charles County, MD..04
District of Columbia (DC)...05
Fairfax City, VA..06
Fairfax County, VA..07
Falls Church City, VA...08
Frederick County, MD...09
Loudoun County, VA...10
Manassas City, VA..11
Manassas Park City, VA..12
Montgomery County, MD...13
Prince George's County, MD..14
Prince William County, VA..15
Stafford County, VA..16
Other (SPECIFY)_____17 →
_____
_____

</div>

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│ FOR OFFICE   │
│ USE ONLY   │
│   │
│ — — —   │
└─────────────────┘

A-8. In what city or county did you sleep (last night/two nights ago)? (PROBE: In what state, district, or territory is that?) (RECORD LOCATION)

Alexandria, VA..01
Arlington, VA...02
Calvert County, MD..03
Charles County, MD..04
District of Columbia (DC)..05
Fairfax City, VA..06
Fairfax County, VA...07
Falls Church City, VA..08
Frederick County, MD..09
Loudoun County, VA..10
Manassas City, VA..11
Manassas Park City, VA...12
Montgomery County, MD...13
Prince George's County, MD...14
Prince William County, VA..15
Stafford County, VA..16
Other (SPECIFY)_____17 →

_____

_____

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__ __ __

A-9. Have you ever stayed in a shelter or emergency housing?

YES...............................01

NO..................................02 → [SKIP TO A-10]

A-9a. Did you spend any part of last night in a shelter or motel for the homeless?

YES...............................01

NO..................................02

A-9b. During the past (# from A-4) days, (while you have been homeless,) on about how many different nights have you stayed in a shelter or emergency housing?

NIGHTS:.....................__ __

NONE...........................00

A-9c. Did you spend any time outside of your home or a shelter between 4:00AM and 5:30AM this morning?

YES...............................01

NO..................................02

B-5

A-10.   Have you ever used an emergency or soup kitchen?

                    YES............................01

                    NO.............................02 → [SKIP TO A-11]

    A-10a.   During the past (# from A-4) days, (while you have been homeless,) on about how
             many different days have you used an emergency or soup kitchen?

                    DAYS:........................___ ___

A-11.   Have you ever talked with someone from an outreach program like Health Care for the
        Homeless, McKinney Program, or other groups?

                    YES............................01

                    NO.............................02 → [SKIP TO SECTION B]

    A-11a.   During the past (# from A-4) days, (while you have been homeless,) on about how
             many different days have you talked with someone from an outreach program?

                    DAYS:........................___ ___

B. SPECIFIC DRUG USE

Now I would like to ask you about your use of drugs, including tobacco and alcohol.

B-1.   About how old were you when you first tried a cigarette?

AGE:................____ ____

NEVER TRIED A CIGARETTE................................91 → [SKIP TO B-2]

B-1a.   About how old were you when you first started smoking daily?

AGE:................____ ____

NEVER SMOKED DAILY...91

B-1b.   When was the last time you smoked a cigarette?

(SHOW RECENCY CARD, IF NECESSARY)

Within the past week (7 days).............................01
Within the past month (30 days)........................02

1 or more months ago, but less than
  6 months ago...03
6 or more months ago, but less than
  1 year ago..04   → [SKIP TO B-2]
1 or more years ago, but less than
  3 years ago..05
3 or more years ago..06

B-1c.   How many cigarettes have you smoked per day, on the average, during the past 30 days? Give me the average number per day.

Less than one cigarette a day..01

1-5 cigarettes a day...02

About 1/2 pack a day (6-15 cigarettes)........................03

About 1 pack a day (16-25 cigarettes).........................04

About 1 1/2 packs per day
  (26-35 cigarettes)..05

About 2 packs or more a day (over 35
  cigarettes)...06

B-2.   Have you ever, even just once, drunk alcoholic beverages? This includes beer, wine, or liquor, like whiskey, gin, or scotch, including mixed alcoholic drinks like gin and tonic.

YES....................01

NO......................02 → [SKIP TO B-3]

B-2a. About how old were you the first time you had a glass of beer or wine or a drink of liquor, such as whiskey, gin, or scotch? Do not include childhood sips that you might have had from an older person's drink.

AGE:..................___ ___

B-2b. When was the last time you drank any alcohol?

(SHOW RECENCY CARD, IF NECESSARY)

Within the past week (7 days).............................01
Within the past month (30 days)........................02

1 or more months ago, but less than
   6 months ago...03
6 or more months ago, but less than
   1 year ago...04   → [SKIP TO B-3]
1 or more years ago, but less than
   3 years ago...05
3 or more years ago...06

B-2c. During the past (# from A-4) days, (while you've been homeless,) on about how many different days did you have one or more drinks?

NUMBER OF DAYS:....___ ___

NONE.............................00 → [SKIP TO B-3]

> Now, I would like to ask you some questions about those (ANSWER FROM B-2c) days when you had one or more drinks.

B-2d. About how many drinks did you usually have in a day on those (ANSWER FROM B-2c) days?

USUAL NUMBER OF DRINKS PER DAY:...............___ ___ ___

B-2e. On about how many of those (ANSWER FROM B-2c) days did you have five or more drinks on the same occasion? By occasion we mean at the same time or within a couple of hours of each other.

NUMBER OF DAYS DRANK FIVE
OR MORE DRINKS: ....___ ___

B-3. The next questions are about marijuana use. Have you ever, even just once, tried marijuana or hashish?

YES....................01

NO......................02 → [SKIP TO B-4]

B-3a.   About how old were you the first time you tried marijuana or hash?

AGE:................___ ___

B-3b.   When was the last time you used marijuana or hash?

(SHOW RECENCY CARD, IF NECESSARY)

Within the past week (7 days)............................01
Within the past month (30 days)........................02

1 or more months ago, but less than
  6 months ago...03
6 or more months ago, but less than
  1 year ago...04   → [SKIP TO B-4]
1 or more years ago, but less than
  3 years ago...05
3 or more years ago...06

B-3c.   During the past (# from A-4) days, (while you've been homeless,) on about how many different days did you use marijuana or hash?

DAYS:.................___ ___

NONE:................00   → [SKIP TO B-4]

B-3d.   What is the total amount of marijuana that you used, in all, during the past (# from A-4) days, while you've been homeless? (IF NECESSARY, PROBE WITH CATEGORIES TO CLARIFY)

Less than 1/4 ounce (up to 5 grams or
  10 joints)..01
About 1/4 ounce (6-10 grams or 11-20
  joints)...02
About 1 ounce (11-42 grams or 21-85
  joints)...03
About 2 ounces (43-72 grams or 86 to 145
  joints)...04
About 3-4 ounces (73-127 grams or 146-255
  joints)...05
About 5-6 ounces (128-185 grams or
  256-370 joints)..06
More than 6-1/2 ounces......................................07
  (SPECIFY) _____

B-4.   Have you ever, even just once, inhaled or sniffed (breathed or huffed) inhalants for kicks or to get high? These include things like lighter fluid, aerosol sprays, glue, amyl nitrite, "poppers", or locker room odorizers.

YES...................01

NO.....................02   → [SKIP TO B-5]

B-4a.   About how old were you <u>the first time</u> you inhaled or sniffed (breathed or huffed) one of these inhalants for kicks or to get high?

AGE:....................___ ___

B-4b.   When was the <u>last time</u> you inhaled or sniffed (breathed or huffed) one of these inhalants for <u>kicks</u> or to get high?

(SHOW RECENCY CARD, IF NECESSARY)

Within the past week (7 days)..............................001
Within the past month (30 days).........................02
1 or more months ago, but less than
    6 months ago..03
6 or more months ago, but less than
    1 year ago...04   → [SKIP TO B-5]
1 or more years ago, but less than
    3 years ago..05
3 or more years ago...06

B-4c.   During the past (# from A-4) days, (while you've been homeless,) on about how many different days did you use an inhalant for kicks or to get high?

DAYS:.................___ ___

B-5.   Now I'd like to ask about cocaine use. First, I'll ask you about "crack" cocaine, that is, cocaine in rock or chunk form. Have you ever, even just once, tried "crack" cocaine?

YES....................01

NO......................02 → [SKIP TO B-6]

B-5a.   About how old were you <u>the first time</u> you used "crack" cocaine?

AGE:...................___ ___

B-5b.   When was the <u>last time</u> you used "crack" cocaine?

(SHOW RECENCY CARD, IF NECESSARY)

Within the past week (7 days).............................01
Within the past month (30 days)........................02
1 or more months ago, but less than
    6 months ago..03
6 or more months ago, but less than
    1 year ago...04   → [SKIP TO B-6]
1 or more years ago, but less than
    3 years ago..05
3 or more years ago...06

B-5c.   During the past (# from A-4) days, (while you've been homeless,) on how many different days did you use "crack" cocaine?

DAYS:................____ ____

NONE:...............00 → [SKIP TO B-6]

B-5d.   How many grams of crack cocaine have you used during the past (# from A-4) days, while you've been homeless? (IF NECESSARY, PROBE WITH CATEGORIES TO CLARIFY)

Less than 1/4 gram (1/2 vial or
   3 crack rocks)..01
About 1/4 gram (1 vial or 4-5
   crack rocks)..02
About 1/2 gram (1 1/2-3 vials or
   6-12 crack rocks)...03
About 1 gram (3 1/2-5 vials or
   13-25 crack rocks)...04
About 2 grams (6-12 vials or
   26-45 crack rocks)...05
More than 2-1/2 grams......................................06
   (SPECIFY) _____

B-6.   Have you ever, even just once, tried other forms of cocaine? This includes cocaine in the form of powder, free base, or a coca paste.

YES...................01

NO.....................02 → [SKIP TO B-7]

B-6a.   About how old were you the first time you tried cocaine other than crack?

AGE:...................____ ____

B-6b.   When was the last time you used cocaine other than crack?

(SHOW RECENCY CARD, IF NECESSARY)

Within the past week (7 days)............................01
Within the past month (30 days).......................02
1 or more months ago, but less than
   6 months ago...03   → [SKIP TO B-6e]
6 or more months ago, but less than
   1 year ago..04

1 or more years ago, but less than
   3 years ago...05   → [SKIP TO B-7]
3 or more years ago...06

B-6c.   During the past (# from A-4) days, (while you've been homeless,) on about how many different days did you use cocaine other than crack?

DAYS:................____ ____

NONE:...............00 → [SKIP TO B-6e]

B-11

B-6d.   How many grams of cocaine other than crack have you used in the past (# from A-4) days, while you've been homeless? (IF NECESSARY, PROBE WITH CATEGORIES TO CLARIFY)

Less than 1/4 gram (4 big lines
of powder)..01
About 1/4 gram (5-8 big lines
of powder)..02
About 1/2 gram (9-16 big lines
of powder)..03
About 1 gram (17-36 big lines
of powder)..04
About 2 grams (37-60 big lines
of powder)..05
About 3 grams (61-85 big lines
of powder)..06
More than 3 1/2 grams......................................07
(SPECIFY) _____

B-6e.   In the past 12 months have you used cocaine other than crack by . . .

		YES	NO
(1)	Sniffing it through the nose ("snorting")?	01	02
(2)	Swallowing or drinking it?	01	02
(3)	Injecting it in a muscle or vein with a needle?	01	02
(4)	Smoking it?	01	02
(5)	Some other way? (DESCRIBE) _____	01	02

B-7.   Have you ever, even just once, tried hallucinogens, such as LSD, PCP, "angel dust", peyote, or mescaline?

YES....................01

NO......................02 → [SKIP TO B-8]

B-7a.   About how old were you the first time you tried LSD, PCP, or another hallucinogen?

AGE:..................___ ___

B-7b.   When was the last time you used LSD, PCP, or another hallucinogen?

(SHOW RECENCY CARD, IF NECESSARY)

Within the past week (7 days).............................01
Within the past month (30 days).......................02

1 or more months ago, but less than
  6 months ago...03
6 or more months ago, but less than
  1 year ago..04   → [SKIP TO B-8]
1 or more years ago, but less than
  3 years ago...05
3 or more years ago...06

B-7c.   During the past (# from A-4) days, (while you've been homeless,) on about how many different days did you use LSD or PCP or another hallucinogen?

DAYS:................___ ___

B-8.   I would like to ask about heroin use next. Have you ever, even just once, tried heroin?

YES...................01

NO....................02 → [SKIP TO B-9]

B-8a.   About how old were you the first time you tried heroin?

AGE:...................___ ___

B-8b.   When was the last time you used heroin?

(SHOW RECENCY CARD, IF NECESSARY)

Within the past week (7 days).............................01
Within the past month (30 days).......................02

1 or more months ago, but less than
  6 months ago...03   → [SKIP TO B-8d]
6 or more months ago, but less than
  1 year ago..04

1 or more years ago, but less than
  3 years ago...05   → [SKIP TO B-9]
3 or more years ago...06

B-8c.   During the past (# from A-4) days, (while you've been homeless,) on about how many different days did you use heroin?

DAYS:................___ ___

B-13

B-8d.   In the past 12 months have you used heroin by . . .

		YES	NO
(1)	Sniffing it through the nose ("snorting")?	01	02
(2)	Swallowing or drinking it?	01	02
(3)	Injecting it in a muscle or vein with a needle?	01	02
(4)	Smoking it?	01	02
(5)	Some other way? (DESCRIBE)	01	02

B-9.   Have you ever, even just once, used the smokable form of methamphetamine sometimes called "ice"?

YES................01

NO...................02 → [SKIP TO B-10]

B-9a.   About how old were you the first time you tried "ice"?

AGE:................ ___ ___

B-9b.   When was the last time you used "ice"?

(SHOW RECENCY CARD, IF NECESSARY)

Within the past week (7 days).............................01
Within the past month (30 days)........................02
1 or more months ago, but less than
    6 months ago...03
6 or more months ago, but less than
    1 year ago...04   → [SKIP TO BOX B]
1 or more years ago, but less than
    3 years ago..05
3 or more years ago...06

B-9c.   During the past (# from A-4) days, (while you've been homeless,) on about how many different days did you use "ice"?

DAYS:................ ___ ___

<div style="border:1px solid black; padding:10px;">

BOX B:

Now we are interested in the nonmedical use of prescription-type drugs. Nonmedical use of these drugs is any use on your own, that is, for any reason other than a doctor said you should take them, such as for kicks, to get high, to feel good, or curiosity about the effect.

(SHOW PILL CARD I)

Stimulants, or "uppers" or "speed" include amphetamines, Preludin, and forms of methamphetamine other than "ice."

</div>

B-10.   Have you ever, even just once, taken stimulants for any nonmedical reason?

> YES....................01
>
> NO......................02 → [SKIP TO BOX C]

B-10a.   About how old were you the first time you took a stimulant for nonmedical reasons?

> AGE:...................·___ ___

B-10b.   When was the last time you took any stimulant for nonmedical reasons?

(SHOW RECENCY CARD, IF NECESSARY)

> Within the past week (7 days).............................1
> Within the past month (30 days).........................02
>
> 1 or more months ago, but less than
>   6 months ago...03
> 6 or more months ago, but less than
>   1 year ago...04   → [SKIP TO BOX C]
> 1 or more years ago, but less than
>   3 years ago..05
> 3 or more years ago..06

B-10c.   During the past (# from A-4) days, (while you've been homeless,) on about how many different days have you taken stimulants for any nonmedical reason?

> DAYS:.................___ ___

BOX C:

(SHOW PILL CARDS II, III, and IV)

<u>Sedatives</u> or "downers" include barbiturates, sleeping pills, and Seconal; <u>tranquilizers</u> or "nerve pills" are antianxiety drugs like Librium, Valium, Ativan, and Meprobamate; <u>analgesics</u> include pain killers like Darvon, Demerol, Percodan, and Tylenol with codeine.

B-11.   Have you ever, even just once, taken sedatives, tranquilizers, or analgesics for any <u>nonmedical reason</u>?

                                        YES....................01

                                        NO......................02 → [SKIP TO B-12]

   B-11a.   About how old were you <u>the first time</u> you took a sedative, tranquilizer, or analgesic for nonmedical reasons?

                                        AGE:....................___ ___

   B-11b.   When was the <u>last time</u> you took a sedative, tranquilizer, or analgesic for nonmedical reasons?

            (SHOW RECENCY CARD, IF NECESSARY)

                Within the past week (7 days)............................01
                Within the past month (30 days)........................02

                1 or more months ago, but less than
                   6 months ago...03
                6 or more months ago, but less than
                   1 year ago...04   → [SKIP TO B-12]
                1 or more years ago, but less than
                   3 years ago...05
                3 or more years ago...06

   B-11c.   During the past (# from A-4) days, (while you've been homeless,) on about how many different days have you taken sedatives, tranquilizers, or analgesics for any nonmedical reason?

                                        DAYS:................___ ___

B-12.   Have you ever, even just once, taken any other drugs I have not asked you about? Please do not include drugs according to a doctor's prescription. (IF YES, PROBE:) What drug(s) (was/were) (that/those)?

                                        NO:....................000

   _____

   _____

   _____

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___ ___ ___
___ ___ ___
___ ___ ___

B-16

C. GENERAL DRUG USE

Now, I'd like to ask some general questions about drug use and alcohol use.

(SHOW SUBSTANCE CARD)

I would like you to refer to this card when responding to the questions. You can tell me either the name or number for your answers.

C-1.   In the last 12 months which of these drugs, if any, did you use at the same time or within a couple of hours of when you drank beer, wine, or liquor? (CIRCLE ALL THAT APPLY)

```
CIGARETTES.............................................................01
ALCOHOL..................................................................02
   (beer, wine, hard liquor)
MARIJUANA..............................................................03
   (reefer, hash, THC)
INHALANTS..............................................................04
   (glue, amyl nitrite, poppers, aerosol sprays)
CRACK COCAINE......................................................05
OTHER COCAINE....................................................06
HALLUCINOGENS..................................................07
   (LSD, PCP, peyote, mescaline, ecstasy)
HEROIN....................................................................08
SMOKABLE METHAMPHETAMINE....................09
   (ice)
OTHER STIMULANTS.............................................10
   (amphetamines, forms of metham-
   phetamines other than ice, Preludin,
   uppers, speed)
SEDATIVES...............................................................11
   (barbituates, sleeping pills,
   Seconal, downers)
TRANQUILIZERS.....................................................12
   (Librium, Valium, benzodiazepine)
ANALGESICS............................................................13
   (Darvon, Demerol, Talwin, Talacen)

OTHER (SPECIFY) ..................................................14
_____

DID NOT USE DRUGS WITH ALCOHOL IN
   PAST 12 MONTHS................................................91
DID NOT USE ANY DRUGS....................................92
```

> IF R HAS NEVER USED DRUGS OTHER THAN ALCOHOL, SKIP TO C-4

C-2.   Have you ever used a needle to get any drug injected under your skin, into a muscle, or into a vein for nonmedical reasons?

YES....................01

NO.....................02 → [SKIP TO C-3]

C-2a.   Which of these drugs did you ever get injected into yourself with a needle, for nonmedical reasons? (CIRCLE ALL THAT APPLY)

CIGARETTES..01
ALCOHOL...02
  (beer, wine, hard liquor)
MARIJUANA..03
  (reefer, hash, THC)
INHALANTS..04
  (glue, amyl nitrite, poppers, aerosol sprays)
CRACK COCAINE..05
OTHER COCAINE..06
HALLUCINOGENS...07
  (LSD, PCP, peyote, mescaline, ecstasy)
HEROIN..08
SMOKABLE METHAMPHETAMINE.......................09
  (ice)
OTHER STIMULANTS...10
  (amphetamines, forms of metham-
  phetamines other than ice, Preludin,
  uppers, speed)
SEDATIVES..11
  (barbituates, sleeping pills,
  Seconal, downers)
TRANQUILIZERS..12
  (Librium, Valium, benzodiazepine)
ANALGESICS...13
  (Darvon, Demerol, Talwin, Talacen)

OTHER (SPECIFY) 14

(TAKE BACK CARD)

C-2b.   When was the last time you used any drug for nonmedical reasons with a needle?

(SHOW RECENCY CARD, IF NECESSARY)

Within the past week (7 days)....................................01
Within the past month (30 days)................................02
1 or more months ago, but less than
  6 months ago..03
6 or more months ago, but less than
  1 year ago...04
1 or more years ago, but less than
  3 years ago..05
3 or more years ago...06

C-2c. Have you ever used a needle that you know or suspect has been used by someone else including family members to inject drugs?

YES....................01

NO.....................02 → [SKIP TO C-2e]

For the next questions, I would like you to answer some questions about drugs you have injected in the last 12 months. Please respond with one of the categories from this card.

(HAND R NEEDLE USE CARD)

C-2d. During the past 12 months, how often did you use a needle or syringe that someone else may have used? (CIRCLE ONE)

Never...01
Rarely or almost never..02
Occasionally...03
About half the time...04
Most of the time...05
Almost always...06
Always..07

C-2e. Have you ever let someone else including family members use your needle to inject drugs?

YES....................01
NO.....................02 → [SKIP TO C-2g]

C-2f. During the past 12 months, how often did you let someone else use your needle to inject drugs? (CIRCLE ONE)

Never...01
Rarely or almost never..02
Occasionally...03
About half the time...04
Most of the time...05
Almost always...06
Always..07

C-2g. <u>During the last 12 months</u>, how often did you shoot up in a shooting gallery? (CIRCLE ONE)

          Never...01
          Rarely or almost never.......................................02
          Occasionally..03
          About half the time..04
          Most of the time...05
          Almost always..06
          Always..07

C-2h. <u>During the last 12 months</u>, how often did you clean your works with alcohol or bleach or by boiling them? (CIRCLE ONE)

          Never...01
          Rarely or almost never.......................................02
          Occasionally..03
          About half the time..04
          Most of the time...05
          Almost always..06
          Always..07

(TAKE BACK CARD)

C-2i. <u>During the past 12 months</u>, with how many people in all have you shared your works?

                    NUMBER OF PEOPLE:. .___ ___ ___ ___

C-3. On those occasions that you have used drugs, where did you usually use them? (PROBE: For example [READ FROM LIST])

(CIRCLE ALL THAT APPLY)

          At home..01

          At someone else's home.....................................02

          At a party...03

          At a shooting gallery..04

          In an open place (park, street, vacant
             building) or in a car.......................................05

          Somewhere else? (PROBE: Where?)..................06

          _____

C-3a.   Who were you usually with when you used drugs other than alcohol? (PROBE: For example [READ FROM LIST])

(CIRCLE ALL THAT APPLY)

Alone..01
Sexual partner..02
Family...03
Friends...04
Running/walking partner.....................................05
Someone else...06

I am going to read you some activities having to do with alcohol and drug use.

Please tell me how much you think people risk harming themselves physically or in other ways for each activity I read. Tell me if this activity puts people at "no risk", "slight risk", "moderate risk", or "great risk".

		No Risk	Slight Risk	Moderate Risk	Great Risk
C-4a.	Smoking marijuana regularly?	01	02	03	04
C-4b.	Smoking marijuana occasionally?	01	02	03	04
C-4c.	Trying marijuana once or twice?	01	02	03	04
C-4d.	Using "crack" regularly?	01	02	03	04
C-4e.	Using "crack" occasionally?	01	02	03	04
C-4f.	Using cocaine regularly?	01	02	03	04
C-4g.	Using cocaine occasionally?	01	02	03	04
C-4h.	Trying cocaine once or twice?	01	02	03	04
C-4i.	Having four or five drinks nearly every day?	01	02	03	04
C-4j.	Having five or more drinks on the same occasion once or twice a week?	01	02	03	04
C-4k.	Having one or two drinks nearly every day?	01	02	03	04
C-4l.	Selling drugs?	01	02	03	04

I'd like to ask about your overall experience in the past year with the drugs listed on this card.

(SHOW SUBSTANCE CARD)

C-5. During the last 12 months, for which drugs, if any, have you needed larger amounts to get the same effect, or, for which drugs could you no longer get high on the same amount you used to use? Just give me the name or number of each drug from this card. (CIRCLE ALL THAT APPLY)

      CIGARETTES..01
      ALCOHOL..02
        (beer, wine, hard liquor)
      MARIJUANA...03
        (reefer, hash, THC)
      INHALANTS...04
        (glue, amyl nitrite, poppers, aerosol sprays)
      CRACK COCAINE...05
      OTHER COCAINE..06
      HALLUCINOGENS...07
        (LSD, PCP, peyote, mescaline, ecstasy)
      HEROIN..08
      SMOKABLE METHAMPHETAMINE.......................09
        (ice)
      OTHER STIMULANTS...10
        (amphetamines, forms of metham-
        phetamines other than ice, Preludin,
        uppers, speed)
      SEDATIVES..11
        (barbituates, sleeping pills,
        Seconal, downers)
      TRANQUILIZERS..12
        (Librium, Valium, benzodiazepine)
      ANALGESICS...13
        (Darvon, Demerol, Talwin, Talacen)

      OTHER (SPECIFY) 14
_____

DID NOT NEED LARGER AMOUNTS OF ANY
  DRUG USED..91
DID NOT USE DRUGS (IN LAST 12 MONTHS).......94 → [SKIP TO C-8]

C-6.   Please give me the name or number of each drug, if any, for which you have had withdrawal symptoms; that is, you <u>felt sick because you stopped or cut down</u> on your use of that drug <u>during the last 12 months</u>? (CIRCLE ALL THAT APPLY)

CIGARETTES..01
ALCOHOL...02
   (beer, wine, hard liquor)
MARIJUANA...03
   (reefer, hash, THC)
INHALANTS...04
   (glue, amyl nitrite, poppers, aerosol sprays)
CRACK COCAINE...05
OTHER COCAINE...06
HALLUCINOGENS..07
   (LSD, PCP, peyote, mescaline, ecstasy)
HEROIN...08
SMOKABLE METHAMPHETAMINE.......................09
   (ice)
OTHER STIMULANTS...10
   (amphetamines, forms of metham-
   phetamines other than ice, Preludin,
   uppers, speed)
SEDATIVES..11
   (barbituates, sleeping pills,
   Seconal, downers)
TRANQUILIZERS..12
   (Librium, Valium, benzodiazepine)
ANALGESICS...13
   (Darvon, Demerol, Talwin, Talacen)

OTHER (SPECIFY) 14
_____

DID NOT HAVE WITHDRAWAL SYMPTOMS
(IN THE LAST 12 MONTHS)....................................91

C-7. Please give me the name or number of each drug, if any, that you have <u>tried to cut down</u> on your use of <u>during the last 12 months</u>. (CIRCLE ALL THAT APPLY)

CIGARETTES..01
ALCOHOL..02
  (beer, wine, hard liquor)
MARIJUANA...03
  (reefer, hash, THC)
INHALANTS...04
  (glue, amyl nitrite, poppers, aerosol sprays)
CRACK COCAINE...05
OTHER COCAINE...06
HALLUCINOGENS...07
  (LSD, PCP, peyote, mescaline, ecstasy)
HEROIN...08
SMOKABLE METHAMPHETAMINE.......................09
  (ice)
OTHER STIMULANTS..10
  (amphetamines, forms of metham-
  phetamines other than ice, Preludin,
  uppers, speed)
SEDATIVES...11
  (barbituates, sleeping pills,
  Seconal, downers)
TRANQUILIZERS...12
  (Librium, Valium, benzodiazepine)
ANALGESICS...13
  (Darvon, Demerol, Talwin, Talacen)

OTHER (SPECIFY) 14

_____

DID NOT TRY TO CUT DOWN ON ANY DRUGS
(IN THE LAST 12 MONTHS)....................................91

(TAKE BACK CARD)

Next, I am going to ask you some questions about when you drank alcohol in the last 12 months. For each statement, please answer yes or no.

C-8. In the past 12 months, have you

> R HAS NOT DRUNK ALCOHOL IN THE LAST 12 MONTHS......93
> SKIP TO C-9

		YES	NO
C-8a.	Felt aggressive or mad while drinking?	01	02
C-8b.	Been high or a little drunk when on the job or at school?	01	02
C-8c.	Had any family member, other relatives, or friends tell you that you should cut down on drinking?	01	02
C-8d.	Tossed down several drinks pretty fast to get a quicker effect?	01	02
C-8e.	Been afraid you might be an alcoholic or that you might become one?	01	02
C-8f.	Awakened unable to remember some of the things you had done while drinking the day before?	01	02
C-8g.	Had a quick drink or so when no one was looking?	01	02
C-8h.	Had your hands shake a lot after drinking the day before?	01	02
C-8i.	Sometimes gotten high or a little drunk when drinking by yourself?	01	02

C-9. In the past 12 months, have you had any of these problems because of your drug use?

> R HAS NOT HAD DRUGS IN THE LAST 12 MONTHS 93
> SKIP TO SECTION D

		YES	NO
C-9a.	Became depressed or lost interest in things?	01	02
C-9b.	Had arguments and fights with family or friends?	01	02
C-9c.	Got less work done than usual at school or work?	01	02
C-9d.	Found it difficult to think clearly?	01	02
C-9e.	Felt nervous and anxious?	01	02
C-9f.	Had to get emergency medical help?	01	02

D. TREATMENT

The next few questions are about treatment or counseling you may have received for alcohol and drug use.

D-1.   How many times in your life have you received treatment or counseling for problems related to your alcohol or drug use?

TIMES: __ __

NONE................00 → [SKIP TO SECTION E]

D-1a.   Think of the last time you received treatment or counseling. Was this treatment or counseling for alcohol problems, drug problems, or both?

Alcohol problems..01 → [SKIP TO D-1c]
Drug problems...02
Both...03

(SHOW SUBSTANCE CARD)

D-1b.   For what drugs were you treated (the most recent time you received treatment)?
(CIRCLE ALL THAT APPLY)

CIGARETTES...01
ALCOHOL..02
   (beer, wine, hard liquor)
MARIJUANA..03
   (reefer, hash, THC)
INHALANTS...04
   (glue, amyl nitrite, poppers, aerosol sprays)
CRACK COCAINE...05
OTHER COCAINE..06
HALLUCINOGENS...07
   (LSD, PCP, peyote, mescaline, ecstasy)
HEROIN...08
SMOKABLE METHAMPHETAMINE......................09
   (ice)
OTHER STIMULANTS..10
   (amphetamines, forms of metham-
   phetamines other than ice, Preludin,
   uppers, speed)
SEDATIVES..11
   (barbituates, sleeping pills,
   Seconal, downers)
TRANQUILIZERS..12
   (Librium, Valium, benzodiazepine)
ANALGESICS...13
   (Darvon, Demerol, Talwin, Talacen)

OTHER (SPECIFY) 14
_____

(TAKE BACK CARD)

D-1c.   What kind of treatment or counseling was that? (PROBE WITH RESPONSE
        CATEGORIES IF NECESSARY)

        (CIRCLE ALL THAT APPLY)

        Hospital detoxification..01
        Other hospital-based inpatient............................02
        Jail or prison program......................................03
        Therapeutic community (TC)..............................04
        Halfway house...05
        Juvenile treatment program................................06
        Other short-term residential..............................07
        Other long-term residential................................08
        Methadone detoxification..................................09
        Methadone maintenance....................................10
        Other out-patient detoxification........................11
        Out-patient drug free..12
        Employee assistance program (EAP)..................13
        Individual counselor, psychologist, or
          psychiatrist...14
        Alcoholics Anonymous.......................................15
        Narcotics Anonymous..16
        Other self-help group..17
        Other (SPECIFY) _____18

        _____

        Does not recall type of treatment.......................19

D-1d.   When was the last time you received treatment or counseling (related to your
        alcohol/drug use)?

        (SHOW RECENCY CARD, IF NECESSARY)

        Within the past week (7 days)..............................01
        Within the past month (30 days).........................02
        1 or more months ago, but less than
          6 months ago..03
        6 or more months ago, but less than
          1 year ago..04
        1 or more years ago, but less than
          3 years ago...05
        3 or more years ago...06

D-1e.   How long was the <u>last</u> treatment or counseling you received?

DAYS:................___ ___ ___ ___

```
1 MO  =   30 DAYS
3 MO  =   91 DAYS
6 MO  =  182 DAYS
12 MO =  365 DAYS
2 YR  =  730 DAYS
5 YR  =1,825 DAYS
10 YR =3,650 DAYS
```

D-1f.   Why did you leave treatment?

STILL IN TREATMENT.....................................01

TRANSFERRED TO ANOTHER PROGRAM...02

SUCCESSFUL TERMINATION.........................03

PROBLEM WITH PROGRAM............................04

MONEY...05

FAMILY NEEDED ME..06

RELAPSE...07

OTHER (SPECIFY) _____08

_____

E. LEGAL ISSUES

Now I am going to ask you some questions about things that people do that might get them in trouble.

E-1.   In the past 12 months, have you ever . . .

		YES	NO
E-1a.	Driven a car or motor vehicle while under the influence of drugs or alcohol?	01	02
E-1b.	Sold drugs to another person?	01	02
E-1c.	Been paid or been given drugs for having sex with someone?	01	02
E-1d.	Traded sex for shelter or food?	01	02
E-1e.	Received drugs in exchange for making or distributing drugs?	01	02

E-2.   Are you currently on probation or parole?

YES...................01

NO......................02

E-3.   How many times in the last 12 months, if any, have you been arrested?

NUMBER OF ARRESTS:......___ ___ ___

ASK PART "A" FOR EACH ACTIVITY LISTED. IF THE ANSWER TO "A" IS NO, SKIP TO THE NEXT QUESTION. IF THE ANSWER IF YES, ASK PART "B" FOR THAT ACTIVITY.

A.   Have you ever, in your lifetime... [READ FROM LIST]

B.   [IF YES] Were you ever arrested for this?

		A. EVER?		B. EVER ARRESTED?	
		YES	NO	YES	NO
E-4.	Manufactured, sold, or intended to distribute drugs?	01	02	01	02
E-5.	Committed a property offense, such as burglary, larceny, or theft?	01	02	01	02
E-6.	Committed a robbery, mugging, or purse snatching with force?	01	02	01	02
E-7.	Committed an attack on a person, such as assault, kidnapping, rape, manslaughter, or homocide?	01	02	01	02

F. PHYSICAL HEALTH

Now let's talk about your physical health.

F-1.   In the last 12 months, have you been told by a doctor or nurse that you have . . .

	YES	NO
a. Hepatitis or yellow jaundice?	01	02
b. Syphilis, gonorrhea, or other sexually transmitted diseases?	01	02
c. Tuberculosis (TB)?	01	02
d. AIDS, ARC, or HIV?	01	02

F-2.   During the last 12 months, did you have any of the following illnesses, conditions, or problems? (READ LIST AND CIRCLE RESPONSE)

		YES	NO	FOR OFFICE USE ONLY
F-2a.	Respiratory system or breathing problems such as bronchitis, asthma, hay fever, pneumonia, emphysema, flu, or colds?	01	02	___ ___ ___
F-2b.	Heart or circulatory system problems including high blood pressure, anemia, heart disease?	01	02	___ ___ ___
F-2c.	Digestive system or stomach problems such as ulcers or colitis?	01	02	___ ___ ___
F-2d.	Bone and muscle problems such as paralysis, bursitis, arthritis?	01	02	___ ___ ___
F-2e.	Nervous system problems such as epilepsy, migraines, convulsions?	01	02	___ ___ ___
F-2f.	Skin ulcers or rashes?	01	02	___ ___ ___

F-3.   Are you currently taking any prescribed medication on a regular basis for a physical problem?

YES....................01

NO......................02 → [SKIP TO F-4]

F-3a.   For what problems?

_____

_____

_____

IF R IS MALE, SKIP TO F-5

F-4.   Have you ever been pregnant?

YES..01

NO...02 → [SKIP TO F-5]

F-4a.   Approximately when did your last pregnancy begin?

(SHOW RECENCY CARD, IF NECESSARY)

1 or more months ago, but less than
   6 months ago...03
6 or more months ago, but less than
   1 year ago..04
1 or more years ago, but less than
   3 years ago...05
3 or more years ago..06

F-4b.   During your last pregnancy, how many cigarettes did you smoke <u>per day</u>?

None...01
Less than one cigarette a day.........................02
1-5 cigarettes a day..03
About 1/2 pack a day (6-15 cigarettes)..........04
About 1 pack a day (16-25 cigarettes)............05
About 1 1/2 packs a day (26-35 cigarettes)....06
About 2 packs or more a day (over 35
   cigarettes)...07

F-4c.   During your last pregnancy, how often did you usually drink alcoholic beverages, that is, beer, wine, or liquor?

Daily...01
Almost daily or 3-6 days a week......................02
1-2 days a week...03
Several times a month.......................................04
Monthly or less..05
Never...06

In the next set of questions, we are interested in your use of both illegal drugs and your use of prescription-type drugs without a doctor's approval while you (were/are) pregnant.

(SHOW SUBSTANCE CARD)

F-4d. During your last pregnancy, did you ever take any of these other drugs or medications? (CIRCLE ALL THAT APPLY)

F-4e. How often during your pregnancy did you use (DRUG)?

		Daily	3-6 Days/ Week	1-2 Days/ Week	2-4 Times/ Month	1 or Less/ Month
NO DRUGS USED	91					
[SKIP TO F-5]						
Marijuana	01	01	02	03	04	05
Inhalants	02	01	02	03	04	05
Crack cocaine	03	01	02	03	04	05
Other cocaine	04	01	02	03	04	05
Hallucinogens	05	01	02	03	04	05
Heroin	06	01	02	03	04	05
Smokable methamphetamine	07	01	02	03	04	05
Other stimulants	08	01	02	03	04	05
Sedatives	09	01	02	03	04	05
Tranquilizers	10	01	02	03	04	05
Analgesics	11	01	02	03	04	05

F-5. Do you belong to a health plan or have any health insurance such as Blue Cross/Blue Shield, Medicaid, or other insurance?

YES...................01

NO....................02 → [SKIP TO F-6]

F-5a. Was your health insurance coverage from a plan in your own name, your spouse, your parents, some other relative, or someone else? (CIRCLE ALL THAT APPLY)

Self...01
Spouse..02
Parents...03
Other relative...04
Other person (SPECIFY) _____05

_____

F-5b. What type of health plan or insurance do you have? (CIRCLE ALL THAT APPLY)

Medicare...01
Medicaid...02 } → [SKIP TO F-5d]
CHAMPUS (Civilian Hospital and Medical
  Program for the Uniformed Services)..........................03

Blue Cross/Blue Shield..04
Health Plan (HMO, PPO)...05
Other private insurance...06

Other (SPECIFY) _____ 07

DOES NOT KNOW_____ 09

F-5c. Was your insurance obtained directly by you or a member of your family, through a current employer, former employer, union, or other group?

Directly..01
Current employer..02
Former employer...03
Union..04
Other group (SPECIFY) _____ 05

_____

F-5d. Would this (these) health plan(s) or insurance cover some or all of the cost of treatment for drug abuse?

All or most..01
Some...02
None...03
DOES NOT KNOW..09

F-6. How many times in your life have you been hospitalized overnight for a medical problem?

TIMES:..............___ ___ ___

NONE.................000 → [SKIP TO F-7]

F-6a. In the past 12 months, how many times have you been hospitalized overnight for medical problems?

TIMES:..............___ ___
NONE:................00

F-6b. When was the last time you were hospitalized overnight for medical problems?

(SHOW RECENCY CARD, IF NECESSARY)

Within the past week (7 days)..01
Within the past month (30 days)...................................02
1 or more months ago, but less than
  6 months ago..03
6 or more months ago, but less than
  1 year ago..04
1 or more years ago, but less than
  3 years ago...05
3 or more years ago..06

F-6c. For how many nights were you in the hospital for that particular stay?

NIGHTS:............___ ___ ___

F-7. How many times in your life have you been treated in an emergency room for a medical problem?

TIMES:...............___ ___ ___

NONE................000 → [SKIP TO F-8]

F-7a. When was the last time you were treated in an emergency room for a medical problem?
(SHOW RECENCY CARD, IF NECESSARY)

Within the past week (7 days)..01
Within the past month (30 days)...................................02
1 or more months ago, but less than
  6 months ago..03
6 or more months ago, but less than
  1 year ago..04
1 or more years ago, but less than
  3 years ago...05 ⎤
3 or more years ago..06 ⎦ → [SKIP TO F-8]

F-7b. In the past 12 months, how many times have you been treated in an emergency room for a medical problem?

TIMES:...............___ ___

NONE................00

F-7c. How many of these times were related to your alcohol use, drug use, or both?
(RECORD NUMBER OR "00" FOR EACH RESPONSE CATEGORY)

NUMBER OF ALCOHOL-RELATED TIMES:...........___ ___

NUMBER OF DRUG-RELATED TIMES:.................___ ___

NUMBER OF BOTH:...___ ___

F-8.   Excluding hospitalizations and emergency room visits, when was the last time you visited a
       doctor or other health professional?
              (SHOW RECENCY CARD, IF NECESSARY)

              Within the past week (7 days)..01
              Within the past month (30 days)..................................02
              1 or more months ago, but less than
                 6 months ago...03
              6 or more months ago, but less than
                 1 year ago...04
              1 or more years ago, but less than
                 3 years ago...05 → [SKIP TO SECTION G]
              3 or more years ago..06

F-8a. In the past 12 months, how many times have you been to a doctor or other health
       professional--again, excluding hospitalizations and emergency room visits?

                            TIMES:...............___ ___ ___

                            NONE.................000 → [SKIP TO SECTION G]

F-8b. Which of the following best describes the kind of place where the last of these visits took
       place? (READ AND CIRCLE ONE)

              Doctor's office...01
              Private health clinic..02
              Outpatient clinic..03
              Public community health center....................................04
              Shelter clinic...05
              School clinic..06
              Prison or jail clinic...07
              Mobile outreach team...08

              Some other place (SPECIFY) _____09

              _____

G. PSYCHOLOGICAL STATUS

Next, I am going to mention some problems that people sometimes have. For each problem, please tell me if you have _ever_ experienced it and if so, have you experienced it _during the last 30 days_. As you answer, _do not include problems that were caused only by drug or alcohol use._

> ASK PART "A" FOR EACH PROBLEM LISTED. IF THE ANSWER TO "A" IS NO, SKIP TO THE NEXT QUESTION. IF THE ANSWER TO "A" IS YES, ASK PART "B" FOR THAT PROBLEM.

A. Have you had a significant period in your life in which you...[READ PROBLEM FROM BELOW]?

B. How about in the past 30 days?

		A. Lifetime		B. Past 30 days	
	PROBLEM	YES	NO	YES	NO
G-1.	Experienced serious depression?	01	02	01	02
G-2.	Experienced serious anxiety or tension?	01	02	01	02
G-3.	Experienced hallucinations?	01	02	01	02
G-4.	Experienced trouble understanding, concentrating, or remembering?	01	02	01	02
G-5.	Experienced trouble controlling yourself or your thoughts?	01	02	01	02
G-6.	Got into arguments or fights with other people?	01	02	01	02
G-7.	Felt suspicious and distrustful of people?	01	02	01	02
G-8.	Experienced serious thoughts of suicide? [IF NO, SKIP TO G-10]	01	02	01	02
G-9.	Ever attempted suicide?	01	02	01	02

Now I am going to ask you about times when you may have gotten help with psychological or emotional problems.

G-10. How many times, if any, have you been admitted to a hospital for any kind of psychological or emotional problem, or for your "nerves"?

TIMES:............___ ___ ___

NONE...............000 → [SKIP TO G-11]

G-10a. When was the <u>last</u> time you were in a hospital for any kind of psychological or emotional problem, or for your "nerves"?

(SHOW RECENCY CARD, IF NECESSARY)

Within the past week (7 days)..01
Within the past month (30 days)....................................02
1 or more months ago, but less than
  6 months ago..03
6 or more months ago, but less than
  1 year ago...04
1 or more years ago, but less than
  3 years ago..05
3 or more years ago...06

G-10b. How many days were you in the hospital during that stay?

DAYS:.................___ ___ ___

G-11. How many times, if any, have you been treated as an out-patient in a clinic or doctor's office for any kind of psychological or emotional problem, or for your "nerves"?

TIMES:...............___ ___ ___

NONE.................000 → [SKIP TO G-12]

G-11a. When was the <u>last</u> time you were treated as an out-patient in a clinic or doctor's office for any kind of psychological or emotional problems, or for your "nerves"?

(SHOW RECENCY CARD, IF NECESSARY)

Within the past week (7 days)..01
Within the past month (30 days)...............•....................02
1 or more months ago, but less than
  6 months ago..03
6 or more months ago, but less than
  1 year ago...04
1 or more years ago, but less than
  3 years ago..05
3 or more years ago...06

G-11b. How many weeks (were you/have you been) in treatment or counseling?

WEEKS:.............___ ___ ___

G-12. Have you ever taken any prescribed medicine for a psychological or emotional problem, or for your "nerves"?

YES...................01

NO.....................02 →[SKIP TO SECTION H]

G-12a. What was the name of the medicine or what was it for?
(CIRCLE ALL THAT APPLY)

ASCENDIN...01
AVENTYL..02
CLOZARIL...03
DESYREL..04
ELAVIL..05
HALDOL...06
LITHIUM..07
LOXITANE..08
LUDIOMIL..09
MELLARIL..10
MOBAN..11
NARDIL...12
NAVANE..13
NORPRAMIN...14
PAMELOR...15
PARNATE...16
PROLIXIN...17
PROZAC...18
SERENTIL...19
SINEQUAN..20
STELAZINE...21
TEGRETOL...22
THORAZINE..23
TOFRANIL..24
TRIAVIL...25
TRILAFON..26
VALPRIC ACID...27
OTHER DRUG (SPECIFY) _____28
_____
_____
_____

REASON (SPECIFY) _____29
_____

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USE ONLY

SP1 __ __ __
SP2 __ __ __
SP3 __ __ __

SP1 __ __ __

H. EMPLOYMENT AND FINANCES

These questions are about your employment, your participation in public assistance programs, and your finances.

H-1.   In what month and year did you last work for pay?

MONTH:.............................____ ____

YEAR:............................. 1 9 ____ ____

NEVER WORKED FOR PAY..........00 → [SKIP TO H-2]

H-1a.   What kind of work (are/were) you doing (now/when you last worked for pay)? (IF NOT OBVIOUS, SPECIFY UNDER "OTHER")

PROFESSIONAL OR TECHNICAL....................01
MANAGER OR ADMINISTRATOR....................02
SALES...03
CLERICAL OR OFFICE WORKER....................04
CRAFT OR SKILLED LABOR...........................05
MACHINE OPERATOR....................................06
TRANSPORTATION EQUIPMENT
OPERATIVE..07
NONFARM LABORER.......................................08
PRIVATE HOUSEHOLD WORKER..................09
SERVICE WORKER...10
FARM AND FARM MANAGER..........................11
FARM LABORER..12
MILITARY SERVICE...13

OTHER (SPECIFY) _____14 →

_____

FOR OFFICE USE ONLY

____ ____ ____

IF R HAS NOT WORKED IN PAST 12 MONTHS, SKIP TO H-2

H-1b.   How many different jobs have you had in the **past 12 months**?

JOBS:..................____ ____ ____

H-1c.   **During the past 12 months**, about how many of the 52 weeks were you employed in full- or part-time jobs? (IF LESS THAN ONE WEEK, RECORD 01)

WEEKS:.............____ ____

NONE.................00 → [SKIP TO H-2]

H-1d.   <u>During the last 30 days</u>, how many hours did you usually work per week in all full-
or part-time jobs?

USUAL NUMBER OF HOURS PER WEEK:..... __ __ __

NONE.................000

H-2.   Please look at this card and tell me which of the statements best describes your <u>present</u>
work situation. (READ AND CIRCLE ONE CODE)

(SHOW WORK SITUATION CARD)

Working full-time, 35 hours or more
  a week...01
Working part-time, less than 35 hours
  a week...02
Have a job, but not at work because of
  extended illness, maternity leave,
  furlough, or strike...03
Unemployed or laid off <u>and</u> looking
  for work..04
Unemployed and <u>not</u> looking for work........................05
Full-time homemaker..06
In school only...07
Retired...08
Disabled, not able to work..09
In prison..10
In the military..11
Something else? (SPECIFY) _____12 →

_____

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| USE ONLY |
| __ __ __ |

(TAKE BACK CARD)

Next, we would like some information on your sources of income and expenses.

A.   Have you ever received any income from the following sources? (READ INCOME SOURCE LIST BELOW AND CIRCLE APPROPRIATE CODE IN COLUMN "A".)

> ASK PART "B" FOR EACH SOURCE CODED 1 IN PART "A". RECORD AMOUNT TO THE NEAREST DOLLAR IN COLUMN "B".

B.   Now I'm going to ask you how much income you received in the past 30 days from each of the sources you mentioned. In the past 30 days, how much total income did you receive from (NAME INCOME SOURCE FROM BELOW)?

	INCOME SOURCE	A. Income Source YES	A. Income Source NO	B. 30-Day Income DOLLARS
H-3.	Any job or self-employment?	01	02	__ __ __ __ __
H-4.	Illegal or possibly illegal sources such as hustling or dealing?	01	02	__ __ __ __ __
H-5.	Supplemental Security Income (SSI) for which you qualify because of low income?	01	02	__ __ __ __ __
H-6.	Social Security, Railroad Retirement, or other retirement benefits you, your spouse or your parents earned through work?	01	02	__ __ __ __ __
H-7.	Veterans Administration payments?	01	02	__ __ __ __ __
H-8.	Unemployment compensation because of layoff, or workers compensation because of injuries at work?	01	02	__ __ __ __ __
H-9.	Aid to Families with Dependent Children (AFDC) or Food Stamps?	01	02	__ __ __ __ __
H-10.	General Assistance (GA)?	01	02	__ __ __ __ __
H-11.	Other forms of public assistance?	01	02	__ __ __ __ __
H-12.	Spouse, family, or friends including alimony and child support?	01	02	__ __ __ __ __
H-13.	Strangers or passers-by?	01	02	__ __ __ __ __
H-14.	Any other sources I did not mention? (SPECIFY) _____	01	02	__ __ __ __ __

> FOR OFFICE USE ONLY __ __   __ __   __ __

H-15. In the past 30 days, about how much did you spend on each of the following items? (RECORD AMOUNT TO NEAREST DOLLAR)

    a. Living expenses including housing, rent or mortgage, food, clothes, transportation, etc.   DOLLARS: __ __ __ __ __ __

    b. Medical expenses including prescriptions.   DOLLARS: __ __ __ __ __ __

    c. Alcohol, including wine, beer, or liquor.   DOLLARS: __ __ __ __ __ __

    d. Illicit drugs or drugs for nonmedical uses.   DOLLARS: __ __ __ __ __ __

    e. Other expenses I did not mention.   DOLLARS: __ __ __ __ __ __

H-16. Since you became homeless/While you were homeless, have you lost or had your application denied for (READ FROM LIST)

	Yes	No
a. AFDC?	01	02
b. Food Stamps?	01	02
c. Public/General Assistance?	01	02
d. Medicaid/Medicare?	01	02
e. Any other public assistance programs?	01	02

(IF YES SPECIFY)

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_____	__ __	01 02
_____	__ __	01 02
_____	__ __	01 02

I. POPULATION MOVEMENT

I'd like to know about the kinds of places you have lived.

A.   Have you <u>ever</u> lived in (LIVING SITUATION LISTED BELOW)? (CIRCLE APPROPRIATE CODE IN COLUMN "A")

> IF 1 CIRCLED IN COLUMN "A", ASK PART "B"

B.   Approximately how many weeks and/or months did you live in (LIVING SITUATION MENTIONED) since (CURRENT DATE), 1990? (RECORD NUMBER WEEKS AND/OR MONTHS IN COLUMN "B")

		A. EVER		B. MONTHS/WEEKS OF LAST 12 MONTHS
		YES	NO	MONTHS / WEEKS
I-1.	Your own house, apartment, or room?	01	02	__ __ __ __
I-2.	A friend or relative's house, apartment, or room?	01	02	__ __ __ __
I-3.	An unsupervised dormitory or quarters, such as at college, religious or military quarters, or agriculture or other workers quarters?	01	02	__ __ __ __
I-4.	A nursing home or any other kind of group home?	01	02	__ __ __ __
I-5.	Any kind of hospital or residential facility for medical, mental, alcohol, or drug-related problems?	01	02	__ __ __ __
I-6.	Jail, detention center, correctional halfway house, or other correctional institutions?	01	02	__ __ __ __
I-7.	Campgrounds or emergency shelter for the homeless, runaways, neglected, or abused women?	01	02	__ __ __ __
I-8.	Vacant buildings, public or commercial facilities, parks, cars, or on the street because you did not have a place to stay?	01	02	__ __ __ __
I-9.	Any other situation? (SPECIFY)	01	02	__ __ __ __

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_____   __ __

_____   __ __

_____   __ __

I-10.   Which of the situations we just discussed best describes your situation on (CURRENT MONTH AND DAY), 1990, that is, one year ago today?

RECORD NUMBER CODE FROM ABOVE: I-__ __

J. DEMOGRAPHICS

Finally, I'd like to ask some background questions about yourself.

J-1. (RECORD R's SEX):

MALE.................01
FEMALE...........02

J-2. What is your date of birth?

MONTH.............__ __
DAY...................__ __
YEAR ....1 __ __ __

| IF R WAS BORN AFTER 1976, SKIP TO J-3 |

J-2a. Which of the following best describes your current marital status? Are you ...

Married,...01
Widowed,..02
Divorced or separated,...03
Not married, but living with a partner, or.......................04
Have you never married?..05

J-3. Are you of Hispanic or Spanish origin or descent?

YES...................01
NO......................02

J-4. Which of the following groups best describes you? Are you . . .

Black,..01
White,...02
American Indian or Alaskan Native,.................................03
Asian or Pacific Islander, or...04
Something else? (SPECIFY)...05

_____

J-5. What is the last grade or year that you _completed_ in school?

NO SCHOOLING..00
ELEMENTARY GRADES .01.......02.......03.......04
..............05.......06.......07.......08
HIGH SCHOOL GRADES.09.......10.......11.......12

COLLEGE YEARS..............13.......14.......15.......16
GRADUATE/PROFESSIONAL SCHOOL   → [SKIP TO J-6]
   (or higher)..17

J-5a.   Have you ever received a high school diploma, or a GED certificate of high school completion? (Which have you received?) (CIRCLE ONE)

    HIGH SCHOOL DIPLOMA................................01
    GED CERTIFICATE..02
    NEITHER OF THE ABOVE.............................03

J-6.   When were you last enrolled in school? (IF NECESSARY, PROBE: In what month and year?)

    MONTH.............___ ___

    YEAR.................1 9 ___ ___

J-7.   What was the name of the last (elementary/high) school you (were attending/attended) and its location?

    NAME: _____

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___ ___ ___
```

    LOCATION:

    Alexandria, VA......................................01
    Arlington, VA.......................................02
    Calvert County, MD...............................03
    Charles County, MD..............................04
    District of Columbia (DC)......................05
    Fairfax City, VA....................................06
    Falls Church County, VA.......................07
    Falls Church City, VA............................08
    Frederick County, MD............................09
    Loudoun County, VA.............................10
    Manassas City, VA................................11
    Manassas Park City, VA........................12
    Montgomery County, MD........................13
    Prince George's County, MD..................14
    Prince William County, VA....................15
    Stafford County, VA..............................16
    Other (SPECIFY) _____17 →

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___ ___ ___
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    _____

J-8.   What (other) diplomas, degrees, certificates, or licenses have you received from the schools or training programs you have ever attended? (CIRCLE ALL THAT APPLY)

    Adult Basic Education (A.B.E.)...........................01
    High School Diploma...02
    GED..03
    Associate's Degree...04
    Bachelor's Degree...05
    Graduate Degree...06
    Occupational or Trade School
      Certificate..07
    License to practice a trade..................................08
    Other degree, certificate or license....................09

    NONE..00

J-9.   Did you ever serve on active duty in the Armed Forces of the United States?

                                        YES....................01

                                        NO......................02 → [SKIP TO J-10]

        J-9a.   How long did you serve on active duty? (ONLY INDICATE NUMBER OF MONTHS
                IF LESS THAN A YEAR)

                        NUMBER OF YEARS:..........................___ ___
                or
                        NUMBER OF MONTHS:........................___ ___

        J-9b.   In what year did you last serve on active duty?

                                        YEAR.................1 9 ___ ___

J-10.   Including yourself, how many people do you regularly live with?

                        GROUP/HOUSEHOLD SIZE:..............................___ ___ ___

J-11.   Including yourself, how many people are dependent on you for at least half of their monthly
        support?

                        NUMBER OF DEPENDENTS:...........................___ ___

J-12.   How many children do you have under the age of 18?

                        NUMBER OF MINOR CHILDREN:...................___ ___

```
┌─────────────────────────────────────────────────────────────────────────────┐
│                            K. END OF SURVEY                                   │
│                                                                               │
│  That's the end of the interview and I'd like to thank you very much for your │
│  cooperation.                                                                 │
│                                                                               │
│  (PAY RESPONDENT)                                                             │
│                                                                               │
│  I need to show the Research Triangle Institute that I have paid you for your │
│  time. Because the information you just gave me is confidential, I don't want │
│  you to give me your name. Instead, could you just give me your mother's      │
│  maiden name? (RECORD MOTHER'S MAIDEN NAME)                                   │
│                                                                               │
│  Now I will sign my name here, which also shows that you received $10 for     │
│  participating in the Homeless and Transient Population Study for DC*MADS.     │
│  [INTERVIEWER: SIGN YOUR NAME BELOW]                                          │
│                                                                               │
└─────────────────────────────────────────────────────────────────────────────┘
```

_____
(Mother's maiden name)

_____   ___ ___ / ___ ___ / ___ ___
(Interviewer's signature)   M M   D D   Y Y

K-1.   I need to ask one more question so that we know if we've interviewed you before. Since (BEGINNING DATE OF DATA COLLECTION), have you participated in this survey before?

                              YES....................01

                              NO.....................02

    K-1a.   Where did you participate in this survey, and on what date?

	Date	Location	Municipality	FOR OFFICE USE ONLY
1.	___ ___ / ___ ___ / ___ ___ M M D D Y Y	_____ _____	_____	___ ___ ___
2.	___ ___ / ___ ___ / ___ ___ M M D D Y Y	_____ _____	_____	___ ___ ___
3.	___ ___ / ___ ___ / ___ ___ M M D D Y Y	_____ _____	_____	___ ___ ___

END TIME ___ ___ : ___ ___ AM/PM

```
┌─────────────────────────────┐
│   FOR OFFICE USE ONLY       │        Program ID#  __ __ __ __ __
│                             │        Shelter ID # __ __ __ __ __
│   Questionniare ID Label    │        Track ID #   __ __ __ __ __ __
└─────────────────────────────┘        Block ID #   __ __ __ __
```

INTERV. ID# __ __ __ __ __ __   DATE: __ __ . __ __ . __ __

TEMP. ID#   __ __ __ __   M M   D D   Y Y

INTERVIEWER OBSERVATION QUESTIONNAIRE

┌──┐
│ This questionnaire is to be completed by the interviewer after each   │
│ completed interview or after each completed screened ineligible. This   │
│ questionnaire should be attached to the end of the Main Questionnaire or   │
│ to the completed Screener Questionnaire.   │
└──┘

OB-1. SEX OF R:

                        MALE................01

                        FEMALE...........02

OB-2. RACE OF R:

    WHITE...01
    BLACK...02
    INDIAN (AMERICAN), ALEUT, ESKIMO...............03
    ASIAN OR PACIFIC ISLANDER............................04
    OTHER (SPECIFY).......................................05

    _____

OB-3. APPROXIMATE AGE OF R:

    UNDER 18...01
    18-21...02
    22-30...03
    31-40...04
    41-50...05
    51 AND OVER...06

OB-4. TYPE OF APPROACH:

WHEN APPROACHED, R WAS:

    WALKING...01
    STANDING AND AWAKE.............................02
    SITTING/LYING AND AWAKE......................03
    ASLEEP AND AWOKE WITH APPROACH.............04
    ASLEEP AND AWOKE NATURALLY.....................05
    WAS IN A SHELTER...................................06
    OTHER (SPECIFY).......................................07

    _____

    _____

OB-5. LOCATION OF ENCOUNTER WITH R:

HOUSE, APARTMENT OR ROOM PAID FOR WITH
   MUNICIPAL EMERGENCY HOUSING FUNDS .06
GENERAL SHELTER...07
HALFWAY HOUSE/TRANSITIONAL HOUSING...08
JUVENILE/RUNAWAY SHELTER...........................09
DOMESTIC VIOLENCE SHELTER.........................10
PUBLIC CAMPGROUND...11
CAR OR TRUCK..12
PUBLIC FACILITY..13
TRANSPORTATION DEPOT....................................14
VACANT BUILDING...15
TUNNEL/SEWER..16
UNDERPASS/BRIDGE..17
UNDER PORCH/BUILDING STRUCTURE.............18
SIDEWALK...19
CITY PARK...20
RIVER FRONT..21
FOREST/FIELDS..22
SOUP KITCHEN...33
EMERGENCY FOOD LINES...................................34
HEALTH CARE CLINIC..35
OTHER NONDOMICILE (SPECIFY BELOW).........80

OB-6. APPEARANCE OF R: (CIRCLE ALL THAT APPLY)

DRUNK...01
UNDER THE INFLUENCE OF DRUGS...................02
SERIOUSLY ILL..03
CONFUSED...04
INCOHERENT...05
DIRTY AND UNKEMPT..06
SHABBILY DRESSED...07
CARRYING PERSONAL BELONGINGS..................08
LUCID AND ALERT..09
NEAT AND CLEAN...10
GOING TO SOME PLACE.......................................11
COMING FROM SOME PLACE...............................12
ENGAGED IN WORK..13
ENGAGED IN ILLEGAL ACTIVITY........................14

OB-7. CONFIDENCE IN TRUTHFULNESS:

VERY CONFIDENT...01
CONFIDENT..02
UNSURE...03
DOUBTFUL...04
VERY DOUBTFUL...05

OB-8.   CONFIDENCE IN ACCURACY:

       VERY CONFIDENT..01
       CONFIDENT...02
       UNSURE..03
       DOUBTFUL..04
       VERY DOUBTFUL...05

OB-9.   INTERVIEWER COMMENTS:

_____

_____

_____

_____

_____

_____

_____

OB-10. REASON FOR BREAKOFF OR RESCHEDULING (IF APPLICABLE):

       INELIGIBLE...01
       RESPONDENT INITIATED...02
       COGNITIVELY IMPAIRED...03
       OTHER (SPECIFY):...04

         _____

         _____

OB-11. FINAL DISPOSITION:

       REFUSED SCREENING..03
       SCREENED INELIGIBLE...04
       ELIGIBLE, BUT REFUSED INTERVIEW...............05
       ELIGIBLE, INTERVIEW BROKEN OFF..................06
       ELIGIBLE, INTERIVEW SCHEDULED (specify
       arrangements below)...07

         _____

         _____

         _____

         _____

       ELIGIBLE, INTERVIEW COMPLETED....................08

SHORT BLESSED SCALE EXAM

> The Short Blessed Scale is to be completed at any point during the interview if the respondent appears to be cognitively impaired.

ERROR SCORES

SB-1.   What year is it now? _____

                4 FOR ANY ERROR..0   4

SB-2.   What month is it now? _____

                3 FOR ANY ERROR..0   3

Please Repeat this phrase after me: John Brown, 42 Market Street, Chicago.

                NO SCORE -- FOR ITEM SB-6.

SB-3.   About what time is it? _____

                3 FOR ANY ERROR..0   3

SB-4.   Please count backwards from 20 to 1.
      [20, 19, 18, 17, 16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1]

                2 PER ERROR..0   2   4

SB-5.   Please say the months of the year in reverse order.
      [DEC, NOV, OCT, SEP, AUG, JUL, JUN, MAY, APR, MAR, FEB, JAN]

                2 PER ERROR..0   2   4

SB-6.   Please repeat the phrase I asked you repeat before.
      [JOHN/ BROWN/ 42/ MARKET STREET/ CHICAGO]

                2 PER ERROR..0   2   4   6   8   10

TOTAL NUMBER OF ERRORS IN SB-1 TO SB-6:....._____

> IF THE TOTAL NUMBER OF ERRORS IS GREATER THAN 10, SKIP TO SECTION K TO TERMINATE THE INTERVIEW. BE SURE TO PAY THE RESPONDENT AND TO CIRCLE "03" ON ITEM OB-10 OF THE INTERVIEW OBSERVATION QUESTIONNAIRE.

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Appendix C

Summary of DC*MADS Homeless and Transient Population Study

(Adapted from Appendix A of NIDA's *Prevalence of Drug Use in the Washington, DC, Metropolitan Area Homeless and Transient Population, 1991.)*

EXECUTIVE SUMMARY

This report examines the prevalence of illicit drug use and related problems among members of the homeless and transient population, aged 12 and older in the District of Columbia Metropolitan Statistical Area (DC MSA). It also provides information on alcohol use, criminal activity, physical health, mental health, employment, receipt of services, and entitlement participation among homeless people. This research is part of the Washington, D.C., Metropolitan Area Drug Study (DC*MADS).

The goal of the DC*MADS Homeless and Transient Population Study was to provide unbiased estimates for an "average" day in the DC MSA from February through June 1991. Findings are based on 908 in-person interviews conducted anonymously from four overlapping sampling frames: 477 interviews with residents in 93 shelters; 224 interviews with patrons of 31 soup kitchens and food banks; 143 interviews with literally homeless people from 18 major clusters of encampments; and 64 interviews with literally homeless people from an area probability sample of 432 census blocks in the MSA. The institutional response rate for shelters and soup kitchens combined was 82.6%. The response rate for eligible individuals across the four frames was 86.1%.

Some of the key findings from the report include:

- There are from 9,031 to 11,743 homeless or transient people in the DC MSA on an average day. Over 42% of these people, however, come into contact with multiple parts of the service system and represent 14,744 person-contacts. This means that even in a single day there is a high likelihood of double counting. It also means that 93% of homeless people can be identified directly through the service system in a single day and 98% can be identified in the course of a month.

- Rates of any illicit drug use among homeless people were 80% over their lifetime, 58% in the past year, and 34% in the past month. These rates were influenced more by use of cocaine than by use of marijuana. The rates of cocaine use were 65% in their lifetime, 48% in the past year, and 28% in the past month.

- Rates of alcohol use among this population were 93% in their lifetime, 86% in the past year, and 70% in the past month. The latter includes 28% who were drinking heavily (five or more drinks per day on a weekly basis) while homeless during the past month.

- Approximately 28% of the homeless people had lifetime histories of mental health treatment and 25% had experienced four or more mental health problems in the past month (e.g., significant periods of arguing, depression, anxiety, suspicion, suicidal thoughts or attempts). Only 5% were currently receiving mental health treatment.

- Roughly half of the homeless population had been involved in one or more criminal activities in their lifetime, and more than 30% had been arrested at least once. Current drug users were more likely than nonusers of drugs to have committed a criminal act in their lifetime (64% vs. 14%) been involved in drug-related criminal activities in the past year (73% vs. 8%), and to have been arrested one or more times in the past year (53% vs. 8%).

- More than 70% of the homeless people had at least one major medical problem in the past year, and 7% had four or more. This includes 12% (20% of current drug users) with one or more drug-related illnesses such as the acquired immune deficiency syndrome (AIDS), sexually transmitted diseases (STDs), tuberculosis, or hepatitis. Along with these problems and their rates of visiting hospitals (25%) and emergency rooms (37%) in the past year, only 36% of the homeless population had any public or private health insurance.

- Although 99% of the homeless population had been employed in their lifetime, fewer than 39% had worked in the past month, and about 20% described themselves as currently working full-time. Of the rest, about 8% reported themselves as currently too disabled to work, and another 11% had given up searching for employment. An estimated 27% reported receiving some form of disability or unemployment insurance in their lifetime, and the mean income from such sources was $43 per month.

- An estimated 97% of the homeless population in this study fell into one or more of the special groups identified in the Stewart B. McKinney Homeless Assistance Act of 1987. Some of the largest groups included those who had experienced one or more major illnesses (70%), were currently unemployed (54%), had problems with drug use (34%) or heavy alcohol use (28%), had histories of mental treatment (28%), or were the head of a family (23%), were veterans (22%), or were youths (5%). About 58% had one or more problems with alcohol, drug use, or mental illness.

- Methodologically, population coverage by frame indicates that shelters alone cover a little over half of the total homeless population (56%) on an average day. After adjusting for potential overlap, the addition of soup kitchens raised the total coverage to 93%, the addition of encampments raised it to 94%, and the addition of the streets provided 100% coverage. Omitting the street frame, the coverage of the remaining three sites was lower for selected groups such as youths (85%), heavy alcohol users (86%), and the unemployed (90%), and it was higher for current drug users (98%), veterans (97%), and families (95%).

- Adding homeless people to the NHSDA population of past year injection drug use in the DC MSA would increase the latter from 0.2% to 0.25% (25%). This difference is too small to change prevalence estimates noticeably, but would result in a 25% increase in the population estimates often used by providers for estimating the number of people in need of treatment. Thus, while the addition of 1,402 past year needle users is small relative to the total household population (3,174,498 people in the MSA), it is large relative to the size of the treatment population.

Homelessness and drug use are associated with many problems that stress emotional, psychological, and financial resources. This report provides estimates for some of these problems among the homeless population in the DC MSA. It also describes the methodologies used to develop these prevalence measures to serve as a model for future studies on hard-to-reach and hidden populations.

1.0 INTRODUCTION AND BACKGROUND

1.1 Purpose and Organisation of This Report

The problems of homelessness and drug abuse are increasingly being seen in communities across the Nation, most often in major urban areas (Interagency Council on the Homeless, 1991). Like other large metropolitan areas, the District of Columbia Metropolitan Statistical Area (DC MSA), shown in Figure 1.1, has been experiencing problems with homelessness and drug abuse. In the 1990 U.S. census, more than 6,500 people spent the night in emergency shelters in the DC MSA, including over 4,400 in the District. The census showed that, although Washington, DC, is only the 19th largest city in the U.S. (1990 population of about 606,900). it has the 4th largest shelter population and the highest rate of shelter residents per capita (72.81 per 10,000; see Barrett, Anolik, & Abramson, 1992). Regarding drug use, Milbum, Booth, and Miles (1990) found that 60% of a random sample of DC shelter residents had used illicit drugs in their lifetime and 24% had used drugs in the past month. These rates of drug use may not provide an accurate prevalence estimate because shelter samples are not representative of the total homeless population. For example, relying on shelter samples alone to estimate drug prevalence was found inaccurate in a study of nine shelters in northern Virginia (Davidson, 1991). Substance abuse, mental illness, and mental retardation considered together were significantly more common among people on shelters' "do not admit" lists than among shelter residents (96% vs. 67%). To achieve greater representation, the current study included homeless people from shelters, soup kitchens, major encampments, and a random sample of census blocks from the entire DC MSA.

This report presents findings about the prevalence of illicit drug use and correlated problems among members of the homeless and transient population, aged 12 and older, in the DC MSA. It provides information on problems, services, and treatment related to drug and alcohol use, criminal activity, physical health, mental health, employment, and entitlement participation among homeless people. This study is one of the special population based studies included in the Washington, DC, Metropolitan Area Drug Study (DC*MADS) and was designed to be comparable with the 1990 and 1991 National Household Survey on Drug Abuse (NHSDA) and with the other DC*MADS population-based studies.

Figure 1.1 District of Columbia Metropolitan Statistical Area (DC MSA)

Note: The District of Columbia Metropolitan Statistical Area (DC MSA) includes the District of Columbia; the Maryland counties of Calvert, Charles, Frederick, Montgomery, and Prince Georges; the Virginia counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford; and the Virginia cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park.

Source: 1991 NIDA DC*MADS Homeless and Transient Population Study.

The remainder of this chapter provides an overview of DC*MADS and its Homeless and Transient Population Study. It describes related prior research on homeless people and discusses special issues related to the definition and coverage of the homeless population. Chapter 2.0 summarizes the methodology, response rates, and analytic approach. A detailed methodological discussion appears in *Appendix C,* including an explanation of the weighting procedures; the actual geographic, institutional, and individual samples used; the response rates: a description of the software used to analyze the data; the rule for identifying estimates with low precision; and other issues.

1.2 Overview of the Washington, DC, Metropolitan Area Drug Study

DC*MADS is an exploratory attempt to look at the nature and extent of drug abuse among all types of people residing in a single metropolitan area during the same period of time, with special focus on populations who are under represented or unrepresented in the NHSDA. Many of these sub populations represent people who tend to be at risk for drug abuse and its consequences. The main objectives of DC*MADS are to:

- estimate the prevalence, correlates, and consequences of drug abuse among the diverse populations residing in the metropolitan area, and

- develop a research model for similar data collection about drug abuse in other major metropolitan areas.

DC*MADS consists of numerous studies that focus on different population subgroups (e.g., homeless people, institutionalized individuals) or different aspects of the drug abuse problem (e.g., adverse consequences from drug abuse) in the Washington metropolitan area.

The studies include:

- Household and Nonhousehold Populations Study;

- Homeless and Transient Population Study;

- Institutionalized Study:

- Adult Criminal Offenders Study;

- Juvenile Offenders Study:

- School Dropouts Study;

- Current Drug Abuser Characteristics Study;

- Area Opinion Leaders Study;

- Drug Abusing Subgroups Study;

- Adverse Effects of Drug Abuse Study; and

- Drug Use and Pregnancy Study.

The data and findings for DC*MADS are supplemented with data from the 1990 and 1991 NHSDA (both of which oversampled the DC metropolitan area) and the 1991 Drug Abuse Warning Network (DAWN).

1.3 Overview of the Homeless and Transient Population Study

The Homeless and Transient Population Study examined the nature and extent of drug use among people living in nonconventional dwellings (e.g., vacant buildings, cars, parks, streets, and emergency shelters) or at risk of becoming homeless in the DC MSA, as indicated by their use of soup kitchens and food banks for homeless people. It examined the reasons that people move in and out of homelessness, the roles of drug use and crime-related activities, and the problems of mental health, primary care, and economics in this movement. More specifically, this report:

- provides an overview of the prevalence of use of illicit drugs, alcohol, and tobacco for the DC MSA homeless and transient population found in shelters, soup kitchens, encampments, and street locations from February to June 1991;

- examines demographic correlates of homelessness and illicit drugs and alcohol use, including gender, age, race/ethnicity, marital status, geographic location (DC, Maryland, Virginia), education, and employment;

- examines homelessness correlates of illicit drug and alcohol use, including stage of homelessness, service use patterns, sampling location and institutional context;

- identifies the patterns, current context, and histories of drug use in the homeless population;

- analyzes current and past illicit drug use in relation to drug and alcohol treatment, mental health problems and treatment, physical health problems and treatment, illegal activity and incarceration, and unemployment and entitlement participation;

- examines methodological implications for coverage of the homeless and household population relative to overall prevalence rates and studies of illicit drug users; and

- looks at the methodological implications of the overlap among various segments of the homeless and transient population, selected subgroups targeted under the 1987 Stewart B. McKinney Homeless Assistance Act, the household population, and other sub populations studied in DC*MADS.

Interviews were conducted with 908 homeless people on 64 randomly selected nights during the winter, spring, and summer of 1991. They were randomly sampled from individuals who spent the night in emergency shelters or hotels for homeless people, used soup kitchens,

were in major encampments, or were in a geographic sample of census blocks in the 16 city and county municipalities that make up the DC MSA.

1.4 Prior Studies of Drug Use Among People Who Are Homeless

Drug use is recognized as a major problem affecting about one-third of the people who are homeless and has been documented through survey and urinalysis data (Interagency Council on the Homeless, 1991). In her review of 80 earlier studies, however, Fischer (1989) found that the estimated rates of drug use ranged from 1% to 90%. This variation is likely to stem from differences in the types of sites used, definitions of homelessness, and variability in eligibility criteria for admission to shelters and access to services. Noted below are highlights of findings from studies undertaken since Fischer's review that have focused on homelessness and alcohol and drug use.

- The New York City Commission on the Homeless (1992) found that self-reported drug or alcohol use ranged from 3% among the women in single shelters to 12% among the men in single shelters. Urine tests with a smaller sample of volunteers, however, were 30% to 80% positive for illicit drugs. Drug use was highest in the "warehouse" type of shelters and lowest in the "specialized" shelters.

- Spinner and Leaf (1992) found that, in a sample of New Haven shelter residents, 54% reported using drugs in the past month and 7% identified alcoholism or drug use as the major reason for their becoming homeless.

- Davidson (1991) found that the combined rate of substance abuse, mental illness, and mental retardation was 67% among people served by nine shelters ill Northern Virginia but reached a nearly universal 96% rate among those who were on the shelters' "do not admit" list on the same day.

- Milburn and colleagues (1990) found that, in a 1988 random sample of shelter residents in DC, 60% reported lifetime illicit drug use, 35% past year use, and 24% past month use.

- Johnson and Barrett (1991) found that, in a sample of shelter, soup kitchen, and single room occupancy (SRO) hotel users in Cook County, 60% reported lifetime use of illicit drugs, 35% past year use, and 20% past month use.

- Koegel, Burnam, and Farr (1990) found that 66% of homeless people from shelter and soup kitchen samples in Los Angeles had problems with mental illness, substance abuse, or both (based on criteria of the Diagnostic and Statistical Manual of Mental Disorders, Third Edition Revised, DSM-III-R; see American Psychiatric Association [A PA], 1987), and that they appeared as likely to spend time in the streets as in shelters.

- Gelberg and Linn (1989) found that, in a purposive sample of shelter and street people in Los Angeles, 50% were current users of illicit drugs.

- Rossi (1989) found that, in a shelter and street sample in Chicago, 33.2% had been in detoxification one or more times and 10.1% were unable to work because of alcoholism.

- Breakey and colleagues (1989) found that 17% of the women and 22% of the men interviewed in jails and shelters in Baltimore met the DSM-III-R criteria for drug dependence or abuse.

- Burt and Cohen (1989) and Burt (1992) found that, in a national sample of shelter and soup kitchen users, 37% of the men, 19% of the single women, and 7% of the women with children had received inpatient treatment for chemical dependency.

- Susser, Struening, and Conover (1989) found that 38% of the men entering New York City shelters for the first time had used a drug other than marijuana 50 or more times.

- Vernez and colleagues (1988) found that 48% of the homeless people using shelters, soup kitchens, or encampments in three California counties met DSM-III-R criteria for drug dependence, with 22% being dually diagnosed with a mental problem.

Several conclusions follow from this review. First, the rates of lifetime, past year, and past month illicit drug use are higher in homeless subpopulations than in the household population (e.g., in the National Institute on Drug Abuse's 1990 NHSDA [NIDA, 1991b]: 37% of the population aged 12 and older indicated lifetime drug use, 13% past year drug use, and 6% past month drug use). Second, samples from shelters only (i.e., samples that do not include persons from soup kitchens or street/encampments) are likely to under represent the extent of drug use among the homeless population. Third, there is wide variability across geographic areas, institutions, and homeless population subgroups in the extent of drug use.

1.5 Special Methodological Issues

1.5.1 Definitions of Homelessness

A "literal" definition of being homeless has been in use since the early 1980s that emphasizes an immediate lack of housing. Those who slept in non domiciles (e.g., streets, encampments, vacant buildings) or emergency shelters were considered homeless. A methodological advantage of this definition is that the universe of homeless persons can be quantified by examining where someone slept on a given night (Rossi, 1989). This "literal" definition of homelessness has been used in prior studies, including the Robert Wood Johnson Study in Chicago (Rossi, Fisher, & Willis, 1986) and the Food and Nutrition Service's National Study (Burt & Cohen, 1988).

The "literal" definition of homelessness has disadvantages, however. The first is that the line between people who are literally homeless and those who are precariously housed and/or poor is thin and easily crossed (Rossi, 1989). Consequently, a literal point-in-time definition often excludes people who may be of interest, including many who may reside in low cost hotels or who once were viewed as fitting the stereotype of a homeless person. Second,

this definition may exclude people who use homeless services and are eligible for assistance under the 1987 Stewart B. McKinney Homeless Assistance Act (see also Dennis, 1991; James, 1991). Third, the episodic nature of homelessness can make broader definition more useful for program planners and clinicians. Santiago and colleagues (1988), for instance, found that changing their definition from "currently homeless" to "homeless in the last 3 months" increased the number of people identified as homeless from 106 to 159 (50%) in a sample of 475 patients from the Kino Hospital Psychiatric Unit in Phoenix, Arizona. This latter group is at risk of becoming homeless again and may be in need of after care services that would be given to the "currently homeless."

More recent definitions have included people who are literally homeless and who are in transition into or out of homelessness as indicated by their use of services for the "homeless" (Dennis, 1991; Dennis & Iachan, 1992; Etheridge, Dennis, Lubalin, & Schlenger, 1989; James, 1991; Taeuber & Siegel, 1991). The transitional population is marginally or precariously housed and composed of many who have prior histories of homelessness. Its members are identified by (a) use of soup kitchens, health care clinics, and outreach programs for homeless people, or (b) pending departure from an institution (e.g., hospital, jail) with no resources or place to go.

1.5.2 Population Coverage and Defining Sampling Frames

The two-tiered definition of homelessness (i.e., literal and transient) implies the need to include soup kitchens, day programs, and institutions as sampling sites. Although shelters and streets may suffice as sampling sites for identifying people who are literally homeless, they would have missed half of the people surveyed in Chicago's soup kitchens during the mid-1980s (Sosin, Colson, & Grossman, 1988). A second reason for including this second tier is that experimental programs to reduce homelessness among people with possible mental illnesses or other problems often start with people discharged from hospitals or jails (Etheridge et al., 1989; Huebner & Crosse, 1991).

One of the more compelling reasons for sampling multiple types of sites is that shelter surveys alone may under represent subgroups of potential interest and thus may introduce a potential bias in information about homeless people (Dennis & Iachan, 1991; Iachan & Dennis, 1991). A recent review (Dennis, 1991) found 13 other probability-based homeless studies that attempted to address this potential bias by supplementing shelter surveys with samples of people drawn from other locations (Breakey et al., 1989; Burnam, Koegel, & Duan, 1990; Burt & Cohen, 1989; Farr, Koegel, & Burnam, 1986; Hamilton, Rabinovitz, & Alschuler, Inc., 1986; Ringwalt & Iachan, 1990; Roberston, Piliavin, & Westerfelt, 1990; Rossi et al., 1986; Vernez et al., 1988).

1.5.3 Risk and Multiplicity Over Time

Because the homeless population is geographically mobile, sampling schemes should take into account that multiple selections of the same individuals over time are possible and that the potential exists for time-related trends to bias the data (i.e., drug use may peak when people receive welfare checks or are paid at the beginning of the month). Capture-recapture methods, which have been used successfully in other research areas, have often been proposed to estimate populations over time (e.g., the number of unique people who are

homeless in a year); however, no applicable statistical model has yet been demonstrated to be effective with the homeless population (Cowan, Breakey, & Fischer, 1988).

Determining the number of people who could be double-counted and the overlap among multiple frames are common problems in designing a probability-based sample of the homeless population. When an overlap cannot be defined away or overlap is suspected, it is necessary to measure and adjust for the overlap in order to obtain accurate population estimates. In studies of the homeless population, assessing the potential for double counting has been done by asking people about their sleeping quarters and/or service utilization in the last 7 to 30 days (e.g., Burt, 1992; Burt & Cohen, 1989; Farr et al., 1986). A common practice is to extrapolate this number to the last 12 months or a lifetime. A problem with this technique is that the same individual may become homeless at several points in a year. Intermittently homeless people may bias the resulting adjustments and produce annual estimates of unique episodes, not unique individuals.

A second set of time-related problems relevant to sampling homeless people includes the effects of seasonal changes on use of service systems (Dennis, Iachan, Thornberry, & Bray, 1991). Seasonality affects the number and distribution of homeless people and can influence the optimal allocation of the sample. For example, because more people seek shelter in cold weather, more observations are required from shelters than from the streets in the winter, and conversely in the spring. Sampling over time can control for much of this variation and allow seasonal trends to be examined (Iachan, 1989)

2.0 OVERVIEW OF METHODOLOGY

This chapter provides an overview of the sampling, survey, and analysis methodology used in the Homeless and Transient Population Study. A detailed discussion of methodological issues is provided in *Appendix D*.

2.1 Definition of Target Population

The study focused on people who were either literally homeless or at risk of homelessness. An eligible person met one of the following conditions:

- someone who stayed overnight in an emergency shelter for homeless people, runaways, or neglected or abused women;

- someone who stayed overnight in a house, apartment, or room paid for with municipal emergency housing funds;

- someone who stayed overnight in a nondomicile, such as a vacant building, public or commercial facility, city park or car, or on the street;

- someone whose regular place to stay was a nondomicile regardless of where he/she stayed the prior night (e.g., people who traded sexual favors for shelter or spent one night in a hotel or hospital); or

- someone who was using a soup kitchen or emergency food bank serving the homeless population.

A screener was administered to potential respondents in the street and encampment settings to exclude those who were not literally homeless. This screener was used at the soup kitchen sites to allow a subgroup of literally homeless people to be identified, but it was not used to exclude people. It was not necessary to use the screener among shelter users.

People who were cognitively impaired and could not complete the interview were excluded. Impairment was defined by extreme intoxication or scoring more than nine on the Short Blessed Exam (Katzman, Brown, Fuld, Peck, Schecter, & Schimmel, 1983). The Short Blessed Exam was an addendum to the main questionnaire for use when interviewers suspected that respondents were too cognitively impaired to complete the interview.

2.2 Overview of Research Design

The research was designed to develop estimates of drug use and characteristics of the homeless and transient population in the DC MSA on an "average" day between February an June 1991. Four temporal samples of 16 days each were selected in the months of February, March, April, and June 1991, at a rate of 4 days per week. Spatially there were one to two samples (with replacements) from each of the four sample frames: two samples of shelters, one sample of soup kitchen meals, one sample of encampment clusters, and two-stage samples of street census tracts and blocks. The data in this report are based on 908 interviews, including:

- 477 interviews with residents in 93 shelters during 64 days randomly sampled in February, March, April, and June 1991;

- 224 interviews with patrons of 31 soup kitchens and food banks during 16 days randomly sampled in June 1991;

- 143 interviews with literally homeless people from 18 major clusters of encampments during 16 days randomly sampled in June 1991; and

- 64 interviews with literally homeless people from an area probability sample of 432 census blocks sampled from the entire MSA during 48 days randomly sampled in February, March, and April 1991.

The months and number of days vary among the sampling frames because the study design was changed at the end of April 1991 to address several problems with the street component. These problems included higher than expected risks to the safety of interviewers, lower than expected numbers of completed interviews, and higher than expected overlap between the street and alternative sampling frames. The initial design used random samples of shelter and street people as a replication of the Chicago study (Rossi et al., 1986). In the redesign, which was implemented in June 1991, the shelter sample was maintained, but the random street sample was replaced with samples from soup kitchens and encampments. The changes in the design and their implications for the analysis are discussed in *Appendix D*.

The institutional response rate for shelters and soup kitchens combined was 82.6%. The response rate for eligible individuals across the four frames was 86.1%. The street and encampment components include screener data on 356 people to determine whether they were literally homeless. Observational data were collected on all 1,378 people who were approached across the four frames, including people who completed an interview, broke off an interview, were not literally homeless, were too cognitively impaired to complete an interview, or refused to do a screener or main questionnaire. The screener response rate was 65.6%, and observational data were obtained on 99.9% of all individuals approached.

Table 2.1 summarizes the sample design, actual sample, and response rates for the four frames. *Appendix D* provides detailed descriptions of the sampling design and response rates, including an analysis of the potential for screener nonresponse bias in the street/encampment frame.

2.3 Overview of Survey Methodology

The interviews were anonymous and conducted in-person, with the exception of seven in domestic violence shelters that were self-administered to ensure respondent privacy. The interview was designed to last about an hour but varied with the extent of the respondent's drug use history and problems. The median interview length was 40 minutes, with a range of 10 to 185 minutes, and 90% of the interviews were completed in 20 to 70 minutes. All respondents were given $10 at the end of the interviews to compensate them for their time. Street and encampment respondents were offered juice, coffee, and pastries. The shelter and soup kitchen providers were offered packages of toothbrushes, diapers, or coffee and creamer to compensate them for allowing the on-site interviews to be conducted. Observational data were collected on everyone who was approached, regardless of his/her eligibility or level of participation. People who were intoxicated or cognitively impaired were excluded, as explained earlier.

The study presented situations and problems different from those encountered in a general household population survey. The interviewers had to exercise judgment and sensitivity toward the homeless population and feel comfortable in an unusual data collection environment. The ideal interviewer was one who had experience with both survey interviewing and the homeless population. Because persons with both qualifications were difficult to find, individuals who had experience with homelessness were preferred on the grounds that their expertise with this population would facilitate entree, rapport, trust, and credibility in the interviewer-respondent relationship. Local providers helped identify individuals who provided services to homeless people, such as outreach workers, shelter operators, or individuals who had been or were themselves homeless. Of the 24 data collectors assigned to the street component of the study, 8 were shelter staff members and 14 were currently homeless.

Data collectors attended a 3-day training session on implementation of the sampling and data collection procedures, conduct of the questionnaire, and interviewer-interviewee interactions. Some of the issues addressed during training were:

- ways to interact sensibly and sensitively with homeless individuals;

- different approaches to people living on the street and those living in shelters; and

Table 2.1 Summary of Design, Response Rates, and Actual Sample

Component/Sampling Stage/Unit	Method of Random Sampling (Period)	Probability (Size Measure)	Response Rate (%)[1]	Actual Sample
1. Shelter sample				
1a. Days[2]	Stratified by week (2/91-4/91,6/91)	Equal	100.0	64
1b. Shelters	Stratified by bed capacity	Equal within strata	78.6	93
1c. Clients	Simple systematic	Equal	89.9	477
2. Soup kitchen sample				
2a. Days[2]	Stratified by week (6/91)	Equal	100.0	16
2b. Meal sittings[3]	Probabilities proportionate to size	(Avg # of people served)	96.9	31
2c. Clients	Simple systematic	Equal	75.2	224
3. Encampment clusters				
3a. Days[2]	Stratified by week (6/91)	Equal	100.0	16
3b. Clusters[4]	Certainty	Equal	100.0	18
3c. People approached[5]	Certainty	All	91.0	153
3d. Literally homeless[6]	Certainty	All	97.9	143
4. Street sample				
4a. Days[2]	Stratified by week (2/91-4/91)	Equal	100.0	48
4b. Tracts	Stratified by expected density	Equal within strata/month	100.0	64
4c. Blocks	Stratified by expected density	Equal within strata/month	93.0	432
4d. People approached[5]	Certainty	All	57.3	203
4e. Literally homeless[6]	Certainty	All	80.0	64
Total institutions (shelter and soup kitchen)			82.6	123
Total observations (people approached regardless of eligibility)			99.9	1,378
Total screener respondents (encampment and street only)			68.2	356
Total respondents			86.1	908

[1]Excludes institutions that no longer served homeless people who were cognitively impaired; days, clusters, tracts, and individuals were sampled without replacement; shelters, meals, and blocks were sampled with replacement; detailed breakdowns of the institutional and individual response rates are given in Tables A.2 and A.3 of Appendix A.

[2]Days were sampled from 4-week periods in February, March, April, and June 1991, with the shelter component using days from all 4 months, the soup kitchen and encampment components only using days from June, and the street component using days from February, March, and April. See text.

[3]Because some programs served multiple meals, had multiple sittings for a meal, or made multiple stops with food wagons, the sitting (or stop) was used as the primary sampling unit.

[4]Encampments were defined as contiguous census blocks and were grouped into clusters ranging in size from 1 to 160 census blocks.

[5]Excludes people in uniform (e.g., police), engaged in work (e.g., taxi drivers, newspaper deliverers), and illegal activities (e.g., breaking and entering, prostitution).

[6]Someone who stayed in a shelter or in a nondomicile during the past night or who lacks regular and reliable access to a domicile (e.g., someone trading sex for shelter).

Source: 1991 NIDA DC*MADS Homeless and Transient Population Study.

- how to be prepared for potential problems related to security and safety.

The training sessions included instructions from a psychiatric social worker employed by a local shelter and discussions of observations by the data collection staff on their personal experiences with homelessness. All teams were observed in the field by their supervisors and the research staff They also attended 2-day follow-up and refresher training sessions in March and May 1991.

Data collectors were provided with special supplies to prepare them for their data collection tasks and to ensure their safety. These included an orange backpack, white jacket, flashlight, hand-held foghorn, and cellular telephone. Each of the two street supervisors used a rented van to transport interviewers to their assigned blocks. Interviewers were sent out in teams of two to five people as a security precaution. Several security problems occurred in the street component, including threats from drug dealers, gangs, and other criminal elements in the community, but none of the threats originated from a homeless person. A more detailed discussion and evaluation of the equipment and data collection procedures is provided in *Appendix D*.

2.4 Definitions of Key Demographic, Homelessness, and Substance Use Measures

Throughout this report, three sets of variables are used to describe homeless people. They are (a) demographic characteristics, (b) homelessness characteristics, and (c) drug/alcohol use. The demographic and drug/alcohol use variables are comparable to those used in the 1990/1991 NHSDA (NIDA, 1991a). The homelessness correlates are comparable to those used in prior research (Burt & Cohen, 1988; Dennis, 1991; Farr et al., 1986; Milbum et al., 1990; Rossi et al., 1986) and by the Interagency Council on the Homeless (1991). The actual number of respondents in each demographic and homelessness category is given by frame in *Appendix D*.

The demographic correlates of drug use in this analysis include sex, age, race/ethnicity, marital status, location within the DC MSA, adult education, and current employment. These terms are defined below:

Sex   Categorized as male and female.

Age   Categorized as 12 to 25 years, 26 to 34 years, and 35+ years. The NHSDA categories of 12 to 17 years and 18 to 25 years were collapsed because of small sample sizes.

Race/   Following the current U.S. Bureau of the Census classification, persons were
Ethnicity   grouped into four racial/ethnic groups: white, black, hispanic, and other. Persons referred to as "white" are those who reported that they are "white," but "not of Hispanic origin." Similarly, persons referred to as "black" are those who reported being "black," but "not of hispanic origin." Because relatively few respondents were classified as "other," separate prevalence estimates were not developed for this group, although they were included in the overall prevalence rates.

Marital Status	Categorized as single (never married), currently married (including living as married), and divorced/widowed.

Location	The DC MSA is categorized into three geographic locations: the District of Columbia; Maryland (including the Maryland counties of Calvert, Charles, Frederick, Montgomery, and Prince Georges); and Virginia (including the Virginia counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford, and the Virginia cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park).

Adult Education	Categorized as less than high school, high school graduate, and any college. As in the NHSDA, individuals with general equivalency diplomas (GEDs) were not treated as high school graduates. This variable was not applicable for persons aged 12 to 17.

Current Employment	Categorized as full-time, part-time, unemployed, and other (retired, disabled, homemaker, student, or not in the labor force). This variable was not applicable for persons aged 12 to 17.

Three variables are used to summarize homelessness. First, the number of prior episodes and length of the current episode are combined into a summary measure called "stage of homelessness." This measure is based on a typology developed by Farr, Koegel, and Burnam (1986) and recently expanded by Dennis (1991). Second, the types of service the person has used in the past month are summarized both overall and in terms of the specific services used. Third, the actual location where the respondent was found and sampled from is identified as the sampling location. The specific terms are defined as follows:

Stage of Homeless-ness	Categorized as newly homeless (first time and less than 6 months), chronically homeless (first time and more than 6 months), intermittently homeless (more than one episode of homelessness and currently homeless), and at risk of homelessness (using a soup kitchen but not literally homeless). In addition to currently using homeless services, the majority of people at risk of homeless Ness also had histories of being homeless (i.e., those who are transient and precariously housed).

Past Month Service Use	Categorized by use of services in the past month (shelter, soup kitchen, both, or none). The "none" comes only from the street and encampment samples.

Sampling Location	Categorized by the location where the interview took place (shelter, soup kitchen, encampment, street).

Measures of substance use include reports for cigarettes, alcohol, marijuana (including hashish), cocaine (including crack), inhalants, hallucinogens (including phencyclidine [PCP]), heroin, and non medical use of each of the prescription-type psychotherapeutic drugs (stimulants, sedatives, tranquilizers, and analgesics). Separate estimates were obtained for crack and stimulants. (Separate estimates for methamphetamine [ice] use were not warranted because 80 few people reported even lifetime use n=6].)

To examine the extent of involvement in illicit drug use, two summary measures were constructed: "any illicit drug use" and "any illicit drug use except marijuana." The prevalence of use of illicit drugs, alcohol, and tobacco was examined for three time periods:

Past Month Use   Use of a substance one or more times in the month before the interview (also referred to as current use).

Past Year Use   Use of a substance one or more times in the year before the interview.

Lifetime Use   Use of a substance at least once in the individual's lifetime.

Data on heavy alcohol use in the past month were also collected. Heavy alcohol use was defined as having five or more drinks per occasion on 5 or more days in the past month (i.e., drink heavily at a rate of at least 5 days/30 days). If the person had become homeless in the past 30 days, a comparable criterion was used based on the number of days of heavy drinking while homeless divided by the number of days homeless. For example, if a person drank heavily (5 or more drinks per occasion) on 3 days during a 15-day episode of homelessness, heavy drinking would be evaluated on the basis of 3 days/15 days. Because this rate is higher than weekly use (i.e., $3/15 = 6/30 \geq 5/30$), the person would be considered a heavy drinker.

Three types of illicit drug users and three types of alcohol users were examined in this analysis to assess the correlation between drug use and other problems. For illicit drug use, classifications were:

Current Drug Users   People with any illicit drug use in the past month.

Past Drug Users   People with lifetime illicit drug use, but no past month illicit drug use.

Nonusers of Drugs   People with no history of illicit drug use.

For alcohol use, classifications were:

Heavy Alcohol Users   People who had five or more drinks on 5 or more days in the past month (or the prorated equivalent—5/30—while homeless).

Other Alcohol Users   People with lifetime histories of alcohol use, but no heavy alcohol use in the past month.

Nonusers of People with no lifetime history of alcohol use.
Alcohol

2.5 Analytic Approach and Statistical Significance

2.5.1 Adjusting for Potential Multiplicity

The Homeless and Transient Population Study developed theoretically unbiased estimates of the size and characteristics of the homeless population in the DC MSA for an "average" day during the data collection period. The effects of potential multiple counting were minimized by only working in a few areas on any given day, temporal stratification, and random assignment of sampled units (e.g., shelters, soup kitchens, encampments, blocks) to days. Even within this "average" day, however, a respondent could be in more than one sample frame, as shown in Figure 2.1.

For example, a person could be sampled in a shelter, leave in the early morning and be sampled again on the street, and/or go to a soup kitchen for breakfast. Twenty-eight (3%) of the homeless people reported being interviewed more than once over the entire period of data collection. Of those 28, however, 15 gave dates outside the actual period of data collection (possibly confusing this study with other research projects), and no one reported being interviewed twice in the same day or even the same week. Nonetheless, it is the theoretical potential for being sampled more than once that affects a person's probability of selection and, consequently, creates the need for a multiplicity adjustment to the analysis weights.

Respondents were asked about the extent to which they had gone or were planning to go into shelters or the street (4:00 to 5:30 A.M.) on the sampled day. They were asked how often they use soup kitchens. The responses to these questions and the location of the interview were used to classify people as having been (or as probably going to be) in a shelter, soup kitchen, and/or street location (including the encampments). Respondents were then categorized as having been in one of the seven possible combinations of places where they could have been sampled in the assigned 24-hour period. Weights were adjusted for people who could have been selected in more than one place by dividing the weights by two for anyone who could have been sampled from two locations, and by three for those who could have been sampled from three locations. On average, this procedure evens out the weights across the two or three sources.

2.5.2 Identifying Low-Precision Estimates

The sample for the DC*MADS Homeless and Transient Study was designed to produce estimates representative of the homeless and transient population on an average day between February and June 1991. Like any sample survey, the estimates shown in this report are subject to two types of error: non sampling error and sampling error. Non sampling error results from factors such as non response, misreporting of data by the respondent, and miscoding of responses. Although the extent of non sampling error cannot be precisely measured, attempts can be made to reduce it through quality control procedures and other means. *Appendix D* describes the quality control procedures that were used to reduce non sampling error in this study.

Figure 2.1   Potential Universe and Sampling Locations for Surveying the Homeless and Transient Population
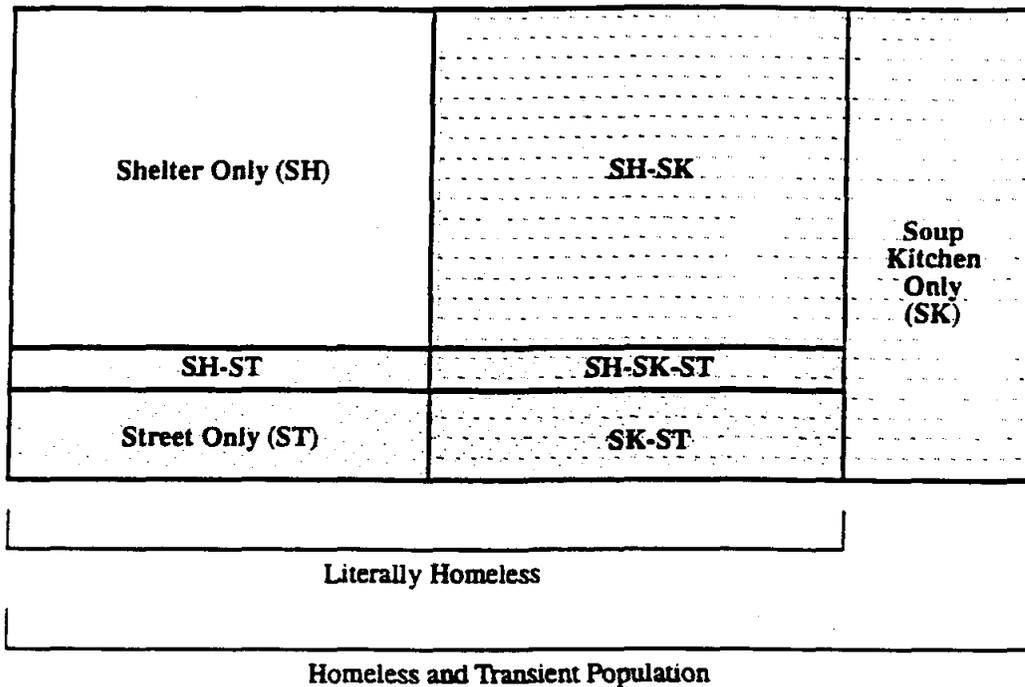
Sampling error results from collecting data from a subset rather than from everyone in the population. Also known as sampling variability, sampling error is the variation among a set of estimates that would be observed if repeated samples of the same type were drawn from the same population. The magnitude of sampling error depends on (a) the inherent variability of the measured attribute in the population; (b) the sample size; (c) the extent of homogeneity of the sample on the variable in question (based on factors such as similarity of respondents within sample clusters and dissimilarity between clusters); and (d) the type of sampling and estimation procedures used. Sampling theory provides a basis for calculating the degree of sampling error; two commonly reported measures are the standard error (SE) and the relative standard error (RSE), i.e., the SE expressed as a percentage of the estimate. SEs are used to compute confidence intervals for estimates and also enter into the calculations required to test the statistical significance of the difference between two estimates.

Estimates subject to a high degree of sampling error are considered to have low precision. Low precision has been defined in many ways with no common definition used across various sample surveys. Thus, as in specifying an alpha level for conducting tests of significance or constructing confidence intervals, there will always be some subjectivity in defining low precision.

The precision criterion applied to the estimates in this report was originally developed for the 1991 National Household Survey on Drug Abuse and is based on the RSE of the natural logarithm of the estimate. This criterion, which is discussed in detail in Appendix A, is somewhat conservative and tends to require relatively large sample sizes to obtain an acceptable level of precision. When this criterion is used, low precision may occur if prevalence rates are close to zero or 100 percent or when the number of respondents in a particular subgroup is small. Application of this precision criterion to the DC*MADS data results in a large number of estimates being identified as low in precision. These low precision estimates are shown and flagged with an asterisk (*). Flagged low-precision estimates are presented in recognition of the exploratory nature of the DC*MADS studies and because of their potential utility to investigators involved in related areas of research. The reader should exercise caution in using these estimates and is encouraged to use the SEs in conjunction with the estimates.

There is one exception to the presentation and flagging of low-precision estimates. Estimates based on data from fewer than 30 respondents tend to exhibit more extreme sampling variability and are not shown in this report. These estimates have been eliminated either by collapsing table cells into larger groups or by not displaying the affected categories. Consequently, certain categories for some variables, such as the "other", category in race/ethnicity, are not shown in the tables.

2.5.3 Testing for Statistical Significance

Pair wise z-test comparisons were made using SUDAAN (Research Triangle Institute [RTI], 1990) software for rates of marijuana, cocaine, other illicit drug, and alcohol use between each of the key demographic and homeless subgroups. With SUDAAN, these z-tests examine the magnitude of the difference between the rates while taking into account the size of the sample cluster effects resulting from the sample design and the variation among sample members. A difference in rates of use is defined as "statistically significant" when there is a

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0.95 or greater probability that the two populations being compared actually have different prevalence rates. Differences that are statistically significant at the 0.05 level (0.95 nondirectional probability) are noted in the text as p<.05.

Statistically significant differences may not be found even though the rate for one group may be from 50% to 100% higher or lower than for the comparison group if the rate of use is low. For example, if the rate of use for one group is 1% and the rate of use for the comparison group is 1.5%, it is unlikely that the difference between these two groups would be statistically significant. The magnitude of the difference between these two groups is so small (0.5%) that it is difficult to detect whether the two groups truly differ in their rate of use or if the difference is due to sampling error. Statistically significant differences have been suppressed when one or more of the estimates have low precision. Such a comparison might otherwise be unreliable or misleading. A detailed discussion of testing for statistical differences is included in *Appendix D*.

Methodological Notes

(Adapted from Appendix A of NIDA's *Prevalence of Drug Use in the Washington, DC, Metropolitan Area Homeless and Transient Population, 1991.*)

A.I Purpose and Overview of This Appendix

The main text of the final report focuses on the key substantive findings and only provides an overview of the methodological procedures. This appendix provides methodological details and an evaluation of the procedures for similar research with hard-to-reach and hidden populations in other metropolitan areas. The Homeless and Transient Population Study attempted to synthesize methodology from several other probability based studies of the homeless population (Breakey et al., 1989; Burt & Cohen, 1989; Hamilton, Rabinovitz, & Alschuler, Inc., 1987; James, 1991; Koegel et al., 1990; Rossi, 1989; Santiago et al., 1988; Vernez et al., 1988). References cited in this and other appendices are given in the alphabetical reference list that follows Appendix E.

This study attempted to sample and interview homeless individuals from four major sampling frames: shelters, soup kitchens, encampments, and street locations. In addition to people who are literally homeless (e.g., on the street or in emergency housing), the eligible population was broadened to include people who had no regular place to go (e.g., someone who spent a single night in a hotel) and people who may be at risk of becoming homeless as indicated by use of a soup kitchen.

This appendix describes four major aspects of the study: sample design, instrumentation, data collection, and analysis. Section A.2 describes the design and implementation of the sampling plan and includes information on the response rates, characteristics of the final sample, and an analysis of the non respondents. Section A.3 discusses the development of instrumentation and includes an analysis of data quality and consistency. Section A.4 describes field preparation, interviewer training, and data collection; it includes an analysis of the quality control methods used and fieldwork. Section A.5 discusses the development of the analysis weights, the analysis, and validity of the responses. Section A.6 provides the relative rates of drug and alcohol use in the DC MSA Household population. Section A.7 summarizes the proportion of the budget spent on each of the various study activities.

A.2 Sample Design

A.2.1 Overview of Sample Design

The study was originally designed to cover the entire population of "literally" homeless people in the DC MSA through a random sample of shelters and census street blocks It included two independent seasonal samples designated as the winter and spring samples, respectively, for shelters and street blocks. The winter sample consisted of interviews from February and March 1991, while the spring sample originally included interviews from April and May 1991 (May was later changed to June). Within each seasonal sample, units were randomly assigned to one of the two months, clustered geographically (half in the center of the

MSA and half farther out), and then randomly assigned as a cluster to randomly sampled days in the month.

Over the first 3 months, it became evident that there were problems with the street component, including risks to the safety of interviewers, a low number of completed interviews, and difficulty in finding eligible respondents. Data collection was suspended in May to revise and implement an alternative sampling design in June. Design modifications included permanently ending the street sample and adding a sample of geographically clustered encampments and a soup kitchen sample in June. The month of May was used to develop the sampling frame of soup kitchens and encampment clusters, revise instrumentation and training materials, and retrain the interviewers.

At the end of the study, 908 interviews had been completed, including:

- 477 interviews with residents in 93 shelters during 64 days randomly sampled in February, March, April, and June 1991;

- 224 interviews with patrons of 31 soup kitchens and food banks during 16 days randomly sampled in June 1991;

- 143 interviews with literally homeless people from 18 major clusters of encampments during 16 days randomly sampled in June 1991; and

- 64 interviews with literally homeless people from an area probability sample of 432 census blocks sampled from the entire MSA during 48 days randomly sampled in February, March, and April 1991.

The modified design permitted expansion of the population coverage across the four frames and an evaluation of their overlap and cost-effectiveness. The modifications introduced several asymmetries that complicated the computation of seasonal estimates and analysis weights (discussed in Section A.5).

The temporal sample was selected as a stratified random sample of 16 days for each of the four (4-week) months: February, March, April, and June. Temporal strata were weeks with 4 days randomly sampled within each week. First-stage, spatial sample units (shelters, soup kitchen meals, encampment clusters, census blocks) were randomly assigned to sampled days to avoid temporal bias in the data collection. The estimate for each sampled day is an unbiased estimator of the homeless population total, so that the mean over the sampled days is an unbiased estimate of the average daily number of homeless people (during a given month or the entire data collection period). This approach eliminates the need to estimate multiplicity across sampled days. An overview of each of the four sampling frames is provided below. Details on building the sampling frames, selecting institutions and geographic sites, selecting and screening individuals, choosing the response rates, identifying characteristics of the final sample, and analyzing non response follow later in this section.

The shelter sample was selected in two stages. At the first stage, a stratified sample of shelters was selected from the seasonal frame. Both winter and spring samples were stratified by size (i.e., shelter capacity). At the second stage, residents of each shelter on the sampled

night were randomly selected with equal probabilities from an intake or resident roster. The shelter sampling rates were specified using expected occupancy data collected prior to the sampled day. Shelters in each month of the study were randomly assigned to 1 of 16 sampled days.

The soup kitchen sample was selected in two stages. At the first stage, site meals (e.g., breakfast, lunch, dinner) were selected with probabilities proportional to size (i.e., expected number of persons served a meal at a single sitting). Many soup kitchens had multiple sittings of each meal or operated programs at multiple sites. An equal number of persons was selected from each sampled meal unit 80 that the final sample would be approximately self-weighting. Soup kitchens were randomly assigned to 1 of the 16 sampled days in June.

Encampments were identified by the local experts who provided the ratings for the street sample (discussed below). Encampments were contiguous census blocks where homeless people appeared to stay. They were visually verified by means of a drive-by. Locations kept in the certainty sample were those where someone appeared to be homeless. These encampments were then geographically clustered into 18 groups and randomly assigned to 1 of the 16 days sampled in June or two replacement positions for days when no one was found. Although encampment clusters included many census blocks, the largest was smaller than several of the individual enumeration districts and rural blocks in the street sample.

The two seasonal street samples were selected in three stages; sample tracts and blocks were selected with stratified random sampling in the first two of these. Tracts and blocks were rated as high, medium, or low (see Section A.2.2.3) by individuals who provided homeless services in each municipality and by persons familiar with the area, including shelter operators, outreach workers, and Health Care for the Homeless staff. All individuals found in the selected blocks were included in the final sample and screened. The sampled blocks were randomly assigned to one of the two months in each season, grouped into 16 geographic clusters (with 4 to 5 blocks in the center of the MSA and 4 to 5 farther out) and then randomly assigned to 1 of the 16 sampled days in the month.

A.2.2 Building Sampling Frames, Selecting Institutional and Geographic Sites, and Obtaining Cooperation

A.2.2.1 Shelter Sample. Selection of a shelter sample involved development of a complete list of emergency housing facilities in the MSA, including shelters for abused persons and runaways, and hotels and motels from which jurisdictions purchase rooms. The list was initially assembled from the following sources:

- directories compiled by the Interfaith Council of Metropolitan Washington and the United Way of the National Capital Area,

- Metropolitan Washington Council of Governments (COG) Directory, and

- lists requested from the jurisdictions.

In September and October 1990, local experts from each of the 16 municipalities in the DC MSA were asked to verify the list as current and complete and to update it as necessary. Most of the experts worked in local government agencies that provide services and programs for homeless people.

Institutional cooperation was solicited by contacting the director of the sampled program, first by letter, then by telephone. Enclosed with the letter were: (a) a study brochure, (b) a summary of the data collection procedures, (c) a description of the procedural support requested from the shelter, and (d) a copy of the letter to be given to respondents after an interviewer left.

A.2.2.2 Soup Kitchen Sample. Like the shelter frame, the 1990 Interfaith Council's directory of services was used to construct the soup kitchen frame. This was supplemented by the directory of resources compiled by the Public Defender Service, by consultations with the Metropolitan Washington Council of Governments, and by service providers in the greater DC metropolitan area. The protocol used to verify and update the shelter list was repeated for the soup kitchen list. Types of food services at soup kitchens varied, but generally fell into one of three categories: sit-down meals at a specific time, mobile units distributing food along a fixed route, and walk-in food banks. Cooperation was solicited with a letter and study brochure describing the project, followed by a telephone call.

A.2.2.3 Street Sample. Homeless people are mobile and often seek out-of-the-way places where they can safely rest at night. Consequently, selecting the street sample required an efficient design that would represent the homeless street population in the MSA. To this end, it was necessary to identify areas where homeless people would most likely be found between 4:00 and 5:30 A.M.

Municipal experts were asked to identify on a map the census tracts in their municipality with high concentrations of homeless street people, and jurisdictional experts were asked to rate the census blocks as high, medium, or low depending on the number of homeless people in a given block over a varying number of nights. Random samples of census tracts and blocks were then selected, with those rated high and medium having a greater chance for selection. Table A.1 shows the joint distribution of sampled tracts and blocks. The two block samples, selected for the winter and spring periods, were from a single sample of tracts.

A.2.2.4 Encampment Sample. Encampments often contained more than one census block and included parks, vacant buildings, underpasses, and places in forests and along rivers. To be considered an encampment, an area had to have concentrations of homeless people spending the night, as verified by research staff in two separate drive-bys between 4:00 and 5:00 A M. in the last 2 weeks of May 1991.

A.2.3 Sampling and/or Screening Individuals Within Sites

A.2.3.1 Sampling Shelter Residents. The method of respondent selection within shelters varied slightly depending on the arrangement of the shelter and the method of rostering. Within each shelter, the first step was to develop a roster or list of residents, and then to use a random start and fixed interval to systematically sample who would be approached. Within motels, municipal officials helped to explain the study to residents, who

Table A.1 Original Street Sample Allocation to Strata

Census Blocks	Block Stratum Total[1]	Sampled Census Tracts/Blocks			Total
		High	Medium	Low	
Census tract stratum					
count	--	111	117	602	830
Census tract sample[2]	--	32	16	16	64
Winter sample					
Total sampled blocks	2,042	171	64	53	288
High	176	54	27	17	98
Medium	146	48	13	9	70
Low	1,720	69	24	27	120
Spring sample					
Total sampled blocks	2,042	170	64	54	288
High	176	73	33	26	132
Medium	146	52	14	8	74
Low	1,720	45	17	20	82

-- Not applicable.

[1] Number of blocks within the sampled tracts.

[2] The winter and spring samples used the same census tract sample, but independent block samples with replacement.

Source: 1991 NIDA DC*MADS Homeless and Transient Population Study.

were later contacted by research staff. Because many motels were for families, it was necessary to obtain parental permission to interview youth aged 12 to 18 years. The motel residency list was used as the roster for sampling.

A.2.3.2 Sampling Soup Kitchen Patrons. Selection at soup kitchens was similar to the shelter selection method (i.e., systematic random sampling), except that, because the number of people served varied from kitchen to kitchen and day to day, the random start and fixed interval were not preassigned. Instead, the numbers were determined with an on-site sampling worksheet (Figure A-1) after verifying the expected number of individuals at the selected meal that day. Selection was done prior to the meal so that interviewing could occur immediately, with less waiting time for respondents selected later. In food banks, selection often occurred after an individual picked up his/her food basket. Mobile units presented a unique challenge because people did not line up until the vehicle arrived. In most instances, there was not adequate time for pre-meal selection between the time when a line formed and when a mobile unit began handing out food.

If selection was done prior to a meal and a respondent was willing to begin an interview immediately, interviewers were authorized to provide food coupons ($3 per respondent) as compensation for the missed meal. However, food providers usually allowed these individuals to have a meal after the interview so that the food coupons were rarely used.

A.2.3.3 Screening People in the Street Sample. Interviewers were required to approach everyone in the sampled block unless they were wearing a uniform (e.g., police officers), clearly working (e.g., taxicab drivers, newspaper deliverers, janitors, workers at a construction site), or involved in illegal activity (e.g., prostitutes, drug dealers) and to document the location, time, and outcome for every person they saw, even for those they were not required to approach. Interviewers were instructed not to wake people, but rather to wait for them to wake up. In addition to the $10 incentive, street respondents were offered coffee, juice, and pastry.

A.2.3.4 Screening People in Encampments. Encampments followed a similar screening procedure as that for the street sample, but often covered larger geographic areas. To cover these areas, the eight- to nine-person team was split into two to three pairs. Records were made for all people seen and approached. An interviewer observation form was completed for everyone approached for screening, regardless of whether he/she participated. The observation form included information on what the person was doing, his/her appearance, and limited demographics.

A.2.4 Response Rates and Final Sample

This section summarizes the actual or unweighted institutional and individual samples, including information on their response rates and characteristics. Table A.2 indicates the number of shelters and soup kitchen meals in the sampling frame, and the number who were ineligible, refused, or agreed to participate. For soup kitchens, the sampling unit was the meal/location/sitting, not the institution per se. Ineligible institutions were those that had stopped providing services to the homeless population. The first set of rows shows the initial sample, the second the replacement sample, and the third the combined or total sample. For both shelters and soup kitchen meals, replacement samples were drawn to reach the desired

ID Number: XXXX
Original Expected n: 125

Revised Expectation[1]		Random Start	Interval	Sampled Clients											
Low	High			1	2	3	4	5	6	7	8	9	10	11	12
0	14	1	1	1	2	3	4	5	6	7	8	9	10	11	12
25	34	1	3	1	4	7	10	13	16	19	22	25	28	31	34
35	44	1	4	1	5	9	13	17	21	25	29	33	37	41	45
45	54	4	5	4	9	14	19	24	29	34	39	44	49	54	59
55	64	3	6	3	9	15	21	27	33	39	45	51	57	63	69
65	74	0	7	0	7	14	21	28	35	42	49	56	63	70	77
75	84	0	8	0	8	16	24	32	40	48	56	64	72	80	88
85	94	4	9	4	13	22	31	40	49	58	67	76	85	94	103
95	104	2	10	2	12	22	32	42	52	62	72	82	92	102	112
105	114	9	11	9	20	31	42	53	64	75	86	97	108	119	130
115	124	1	12	1	13	25	37	49	61	73	85	97	109	121	133
125	134	4	13	4	17	30	43	56	69	82	95	108	121	134	147
135	144	10	14	10	24	38	52	66	80	94	108	122	136	150	164
145	154	13	15	13	28	43	58	73	88	103	118	133	148	163	178
155	164	8	16	8	24	40	56	72	88	104	120	136	152	168	184
165	174	10	17	10	27	44	61	78	95	112	129	146	163	180	197
175	184	13	18	13	31	49	67	85	103	121	139	157	175	193	211
185	194	9	19	9	28	47	66	85	104	123	142	161	180	199	218
195	204	6	20	6	26	46	66	86	106	126	146	166	186	206	226
205	214	16	21	16	37	58	79	100	121	142	163	184	205	226	247
215	224	12	22	12	34	56	78	100	122	144	166	188	210	232	254
225	234	20	23	20	43	66	89	112	135	158	181	204	227	250	273

[1] Do not use negative number ranges. If 14 or fewer people are expected, use the first row.

Source: 1991 NIDA DC*MADS Homeless and Transient Population Study.

Table A.2 Institutional Sample Summary, Adjustment, and Response Rates

Sample Status	Shelters			Soup Kitchens/ Meals[1]	Institution Total
	Winter	Spring	Total		
Sampling frame	290	290	290	105	395
Initial	63	60	123	32	155
Ineligible	6	12	18	5	23
Refused	10	11[3]	21[3]	1	22[3]
Completed	47	37[2]	84[2]	26	110[2]
Replacement	13	1	14	5	19
Ineligible	2	0	2	0	2
Refused	4	0	4	0	4
Completed	7	1	8	5[2]	13[2]
Total sampled	76	61	137	37	174
Ineligible	8	12	20	5	25
Refused	14	11[3]	25[3]	1	26[3]
Completed	54	38[2]	92[2]	31[2]	123[2]
Institutional response rate[4]	79.4%	77.6%	78.6%[3]	96.9%	82.6%

[1]The sitting of a particular meal at a given location was the sampling unit; e.g., two sittings of breakfast at the same program were treated as two units.

[2]Includes one institution that agreed to participate but had no clients on the sampled day.

[3]Includes three shelters that refused participation in the winter and were not recontacted when they were drawn into the sample again.

[4](Total completed)/(Total completed + Total refusal).

Source: 1991 NIDA DC*MADS Homeless and Transient Population Study.

number of institutions. The overall institutional response rate was 82.6%, including 78.6% for shelters and 96.9% for soup kitchens.

Table A.3 summarizes the individual response rates. It is divided into two parts - a screener section for the encampment and street samples where people had to be literally homeless to be interviewed, and a main questionnaire section for all of the samples. In each section, the number of people approached is followed by the number of people who were cognitively impaired, refused screening or interviewing, or completed a screener or questionnaire. Note that impairment could have been detected either during the initial screening or during the interview. For the screener section, the number of people who were screened out of the study is listed. For the main questionnaire section, the number of people who broke off an interview before completing the sections on homelessness and drug use is listed. Response rates are calculated as the number of completed screeners or questionnaires divided by the number approached minus those who were cognitively impaired. The overall response rate was 68.2% for the screener, with 91.1% for encampments and 57.3% for the street sample. The overall response rate was 86.1% for the main questionnaire, with 89.8% for the shelter sample, 75.2% for the soup kitchen sample, 97.9% for the encampment sample, and 80.0% for the street sample.

Tables A.4, A.5, and A.6 give the unweighted numbers of respondents in each frame for demographic characteristics, homelessness history and chronicity, and patterns of homeless service use, by sample type and overall.

A.2.5 Analysis of Nonresponse

To address the question of non response, interviewers were asked to complete a three page interviewer observation form on everyone they approached for the study, regardless of their eventual eligibility or willingness to participate. Table A.7 presents the interviewer-observed gender, race, and age of all people who were approached, by their level of participation. They are divided into people who were cognitively impaired, refused to be screened (encampment and street only), screened ineligible (encampment and street only), refused the interview, started the interview but stopped before completing Section C, and completed through at least Section C (this includes six more people who broke off before completing the full interview). The data in the main report are based on people who completed the interview. A total column is provided that includes people who were cognitively impaired, screened ineligible, and excluded from the data set. Table A.8 provides information on interviewer observations of each respondent's appearance, truthfulness, and accuracy by these same levels of participation.

Based on interviewer observations, people who were cognitively impaired were more likely than those completing interviews to be male (76.5% vs. 67.3%), black (77.4% vs. 71.8%), incoherent (65.7% V8. 7.5%), confused (62.9% vs. 4.2%), between the ages of 31 to 40 (68.1% vs. 39.0%), dirty and unkempt (51.4% vs. 9.1%), physically ill (38.6% vs. 0.2%), drunk (37.1% V8. 3.4%), and under the influence of drugs (28.6% vs. 3.8%). Interviewers were more unsure of the truthfulness of replies of those who were cognitively impaired, and more doubtful of the accuracy of their responses.

The institutional response rate for shelters was slightly lower in the spring sample because it included three shelters that refused to participate in the winter and were not

Table A.3 Individual Response Rates

Instrument/Outcome	Shelter	Soup Kitchen	Encampment Cluster	Street	Total
Screener					
a. People approached	--	--	180	363	543
b. Cognitively impaired[1]	--	--	12	9	21
c. Refused screening	--	--	15	151	166
d. Screened	--	--	153	203	356
e. Screener response rate[2]	--	--	(91.1%)	(57.3%)	(68.2%)
f. Screened ineligible[3]	--	--	4	119	123
Main questionnaire					
g. Eligible people approached	537	298	149	84	1,068
h. Cognitively impaired[1]	6	0	3	4	13
i. Refused	51	74	0	16	141
j. Break off[4]	3	0	3	0	6
k. Completed interview	477	224	143	64	908
l. Interview response rates[5]	(89.8%)	(75.2%)	(97.9%)	(80.0%)	(86.1%)

-- Not applicable.

[1]Too intoxicated to participate or scoring more than 9 on the Short Blessed Exam (Katzman et al., 1983). See Appendix D for a copy of the Short Blessed Exam.

[2]Screener response rate was calculated as the number screened divided by the number of people approached minus those who were ineligible due to cognitive impairment [d/(a-b)].

[3]Not literally homeless (i.e., not spending the night in a shelter or nondomicile).

[4]Respondent broke off the interview before completing homeless and drug sections of survey. See Appendix D for a copy of the questionnaire.

[5]Questionnaire response rate was calculated as the number of people interviewed divided by the number of eligible people minus those who were ineligible due to cognitive impairment [k/(g-h)].

Source: 1991 NIDA DC*MADS Homeless and Transient Population Study.

Table A.4   Unweighted Demographic Characteristics of Homeless and Transient Population Study Respondents, by Sample Type and Overall

Demographic Characteristic[2]	Shelter		Soup Kitchen		Encampment Cluster		Street		Total[1]	
	n	%	n	%	n	%	n	%	n	%
Number of respondents	477	100.0	224	100.0	143	100.0	64	100.0	908	100.0
Sex										
Male	239	50.1	185	82.6	125	87.4	57	89.1	606	66.7
Female	238	49.9	39	17.4	18	12.6	7	10.9	302	33.3
Age group										
12-25 years	113	21.2	31	13.4	9	6.3	6	9.4	159	16.1
26-34 years	172	36.1	76	33.9	46	32.2	25	39.1	319	35.1
35+ years	191	40.0	117	52.2	88	61.5	33	51.6	429	47.2
Race/ethnicity[3]										
White	102	21.4	53	23.7	32	22.4	6	9.4	193	21.3
Black	331	69.4	154	68.8	96	67.1	51	79.7	632	69.6
Hispanic	33	6.9	14	6.2	6	4.2	1	1.6	54	6.0
Other	7	1.5	2	0.9	7	4.9	5	7.8	21	2.3
Marital status										
Single	267	56.0	116	51.8	76	53.2	43	67.2	502	55.3
Married	47	9.9	25	11.2	15	10.5	1	1.6	88	9.7
Divorced/widowed	152	31.9	80	35.7	47	32.9	18	28.1	297	32.7
Location[4]										
DC	252	52.8	114	50.9	133	93.0	57	89.1	556	61.2
Maryland	97	20.3	39	17.4	3	2.1	4	6.2	143	15.8
Virginia	128	26.8	71	31.7	7	4.9	3	4.7	209	23.0
Adult education[5,6]										
Less than high school	171	35.8	97	43.3	54	37.8	39	60.9	361	39.8
High school graduate	195	40.9	87	38.8	53	37.1	17	26.6	352	38.8
Any college	92	19.3	39	17.4	34	23.8	7	10.9	172	18.9
Current employment[6]										
Full-time	91	19.1	52	23.2	18	12.6	6	9.4	167	18.4
Part-time	60	12.6	24	10.7	19	13.3	6	9.4	109	12.0
Unemployed	214	44.9	117	52.2	74	51.8	46	71.9	451	49.7
Other[7]	92	19.3	23	10.3	26	18.2	6	9.4	147	16.2

[1]See Table A.14 for the number of respondents by the population segments used to adjust for multiplicity between sample frames.

[2]Weighted population estimates are reported in Table 3.1 in Chapter 3.0; standard errors are given in Table 3.1SE in Appendix B.

[3]The category "other" for race/ethnicity is not included in Table 3.1 because there were too few (n=21).

[4]The District of Columbia Metropolitan Statistical Area (DC MSA) is defined in Section 1.1.

[5]As with the NHSDA, general equivalency diplomas (GEDs) are not considered in this measure.

[6]Persons aged 12 to 17 (n=12) were excluded from estimates of adult education and current employment.

[7]Retired, disabled, homemaker, student, or "other."

Source: 1991 NIDA DC*MADS Homeless and Transient Population Study.

Table A.5 Unweighted History and Chronicity of Homeless and Transient Population Study Respondents' Homelessness, by Sample Type and Overall

History/Chronicity of Homelessness[1]	Shelter		Soup Kitchen		Encampment Cluster		Street		Total[2]	
	n	%	n	%	n	%	n	%	n	%
Number of respondents	477	100.0	224	100.0	143	100.0	64	100.0	908	100.0
Times homeless										
None	--	--	32	14.3	--	--	--	--	32	3.5
1	263	55.1	86	38.4	54	37.8	31	48.4	434	47.8
2 or more	208	43.6	101	45.1	87	60.8	28	43.8	424	46.7
Age first homeless										
Never homeless	--	--	32	14.3	--	--	--	--	32	3.5
Under 25	183	38.4	70	31.2	50	35.0	24	37.5	327	36.0
26-34	152	31.9	59	26.3	44	30.8	19	29.7	274	30.2
35+	132	27.7	60	26.8	48	33.6	20	31.2	260	28.6
Length of current/last episode										
Never homeless	--	--	32	14.3	--	--	--	--	32	3.5
Less than 6 months	282	59.1	67	29.9	42	22.4	13	20.3	404	44.5
6 or more months	194	40.7	123	54.9	101	70.6	50	78.1	468	51.5
Stage of homelessness[3]										
Newly homeless	174	36.5	24	10.7	15	10.5	7	10.9	220	24.2
Chronically homeless	94	19.7	40	17.9	41	28.7	29	45.3	204	22.5
Intermittently homeless	209	43.8	78	34.8	87	60.8	28	43.8	402	44.3
At risk of homelessness	--	--	82	36.6	--	--	--	--	82	9.0

-- Not applicable.

[1]Weighted population estimates are given in Table 3.3 in Chapter 3.0; standard errors are given in Table 3.3SE in Appendix B.

[2]See Table A.14 for the number of respondents by the population segments used to adjust for multiplicity between sample frames.

[3]See Section 2.4.

Source: 1991 NIDA DC*MADS Homeless and Transient Population Study.

Table A.6   Unweighted Service Use Patterns of Homeless and Transient Population Study Respondents, by Sample Type and Overall

Servie Use Pattern[1]	Shelter n	Shelter %	Soup Kitchen n	Soup Kitchen %	Encampment Cluster n	Encampment Cluster %	Street n	Street %	Total[2] n	Total[2] %
Number of respondents	477	100.0	224	100.0	143	100.0	64	100.0	908	100.0
Lifetime service use[3]										
Any service	477	100.0	224	100.0	132	92.3	61	95.3	894	98.5
Shelter only	206	43.2	--	--	11	7.7	6	9.4	223	24.6
Soup kitchen only	--	--	57	25.4	14	9.8	4	6.2	75	8.3
Shelter and soup kitchen	271	93.3	167	74.6	107	74.8	51	79.7	696	65.6
None	--	--	--	--	11	7.7	3	4.7	14	1.5
Past month service use[3]										
Any service	477	100.0	224	100.0	113	79.0	58	90.6	872	96.0
Shelter only	290	60.8	--	--	11	7.7	8	12.5	309	34.0
Soup kitchen only	--	--	111	49.6	45	31.5	13	20.3	169	18.6
Shelter and soup kitchen	187	39.2	113	50.4	57	39.9	37	57.8	394	43.4
None	--	--	--	--	30	21.0	6	9.4	36	4.0
Population segment[4]										
Any service	477	100.0	224	100.0	62	43.4	36	56.2	799	88.0
Shelter only	316	66.2	--	--	--	--	--	--	316	34.8
Soup kitchen only	--	--	109	48.7	--	--	--	--	109	12.0
Street only	--	--	--	--	81	56.6	28	43.8	109	12.0
Shelter and soup kitchen	109	22.8	90	40.2	--	--	--	--	199	21.9
Shelter and street	41	8.6	--	--	6	4.2	10	15.6	57	6.3
Soup kitchen and street	--	--	20	8.9	49	34.3	17	26.6	86	9.5
All three	11	2.3	5	2.2	7	4.9	9	14.1	32	3.5
None	--	--	--	--	81	56.6	28	43.8	109	12.0

-- Not applicable.

[1]Unweighted population estimates are reported in Table 3.4 in Chapter 3.0; standard errors are given in Table 3.4SE in Appendix B.

[2]See Table A.14 for the number of respondents by the population segments used to adjust for multiplicity between sample frames.

[3]The "none" come only from the encampment and street samples.

[4]Whether the respondent was in one, two, or three of the main population domains during the 24-hour sampled day: shelter, soup kitchen, and street (including encampments).

Source: 1991 NIDA DC*MADS Homeless and Transient Population Study.

Table A.7 Interviewer Observations of the Respondent's Gender, Race, and Age, by Level of Participation

Interviewer Observations[7]	Cognitively Impaired[1]		Refused Screener[2]		Screened Ineligible[2]		Refused Interview[3]		Incomplete Interview[4]		Completed Interview[5]		Total[6]	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Gender	34	100.0	165	100.0	122	100.0	141	100.0	2	100.0	905	100.0	1,369	100.0
Male	26	76.5	124	75.2	98	80.3	90	63.8	2	100.0	609	67.3	949	69.3
Female	8	23.5	41	24.8	24	19.7	51	36.2	0	0.0	296	32.7	420	30.7
Race	31	100.0	164	100.0	115	100.0	123	100.0	2	100.0	892	100.0	1,327	100.0
White	6	19.4	34	20.7	34	29.6	34	27.6	0	0.0	208	23.3	316	23.8
Black	24	77.4	116	70.7	78	67.8	68	55.1	2	100.0	640	71.8	928	69.9
Other	1	3.2	14	8.5	3	2.6	21	17.1	0	0.0	44	4.9	83	6.2
Age (years)	31	100.0	165	100.0	121	100.0	124	100.0	2	100.0	902	100.0	1,345	100.0
Under 18	0	0.0	0	0.0	2	1.6	1	0.8	0	0.0	14	1.6	17	1.3
18-21	2	6.4	17	10.3	30	24.8	7	5.6	0	0.0	48	5.3	104	7.7
22-30	6	19.4	55	33.3	33	27.3	22	17.7	1	50.0	280	31.0	397	29.5
31-40	18	58.1	59	35.8	28	23.1	60	48.4	1	50.0	352	39.0	518	38.5
41-50	2	6.4	28	17.0	23	19.0	20	16.1	0	0.0	144	16.0	217	16.1
51 and over	3	9.7	6	3.6	5	4.1	14	11.3	0	0.0	64	7.1	92	6.8
Total observations (row %)	35	2.5	166	12.0	123	8.9	144	10.4	2	0.2	908	65.9	1,378	100.0

[1] Too intoxicated to participate or scoring more than 9 on the Short Blessed Exam (Katzman et al., 1983).

[2] Encampment and street samples only.

[3] Only of those eligible.

[4] A breakoff of the interview before completing Sections A through C.

[5] An interview completed through Section C. These are the data used in the main report.

[6] Includes people who were too cognitively impaired to be interviewed or who were screened ineligible.

[7] Entries exclude missing data; percentages are column percentages for each item unless noted.

Source: 1991 NIDA DC*MADS Homeless and Transient Population Study.

Table A.8 Interviewer Observations of the Respondent's Appearance, Truthfulness, and Accuracy, by Level of Participation

Interviewer Observations[7]	Cognitively Impaired[1]		Refused Screener[2]		Screened Ineligible[2]		Refused Interview[3]		Incomplete Interview[4]		Completed Interview[5]		Total[6]	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Appearance	35	100.0	166	100.0	119	100.0	111	100.0	2	100.0	876	100.0	1,309	100.0
Drunk	13	37.1	166	9.6	119	0.8	4	3.6	0	0.0	30	3.4	64	4.9
Under the influence of drugs	10	28.6	11	6.6	5	4.2	1	0.9	0	0.0	33	3.8	60	4.6
Physically ill	10	38.6	2	1.2	1	0.8	0	0.0	0	0.0	2	0.2	15	1.2
Confused	22	62.9	5	3.0	2	1.7	9	8.1	0	0.0	37	4.2	75	5.7
Incoherent	23	65.7	11	6.6	1	0.8	2	1.8	0	0.0	3	7.5	40	3.1
Dirty and unkempt	35	51.4	25	15.1	119	1.7	111	11.7	0	0.0	80	9.1	138	10.5
Shabbily dressed	17	48.6	39	23.5	15	12.6	19	17.1	1	50.0	191	67.7	282	21.5
Carrying personal belongings	5	2.7	55	33.1	8	6.7	9	8.1	0	0.0	70	8.0	147	11.2
Lucid and alert	3	8.6	91	54.8	92	77.3	76	68.5	2	100.0	605	69.1	869	66.4
Neat and clean	4	11.4	92	55.4	89	74.8	68	61.3	0	0.0	562	64.2	815	62.2
Going to some place	7	20.0	89	53.6	84	70.6	16	6.7	0	0.0	42	17.6	238	18.2
Coming from some place	1	2.9	37	22.3	10	8.4	4	3.6	0	0.0	36	4.1	88	6.7
Engaged in work	0	0.0	15	9.0	5	4.2	2	1.8	0	0.0	6	0.7	28	2.1
Engaged in illegal activity	0	0.0	6	3.6	2	1.7	1	0.9	0	0.0	4	0.5	13	1.0
Truthfulness	17	100.0	92	100.0	117	100.0	34	100.0	2	100.0	871	100.0	1,133	100.0
Very confident	4	23.5	52	56.5	77	65.8	6	17.6	1	50.0	429	49.25	569	50.2
Confident	0	0.0	17	18.5	32	27.4	11	32.4	1	50.0	331	38.0	392	34.6
Unsure	6	35.3	14	15.2	5	4.3	13	38.2	0	0.0	80	9.2	118	10.4
Doubtful	3	17.6	5	5.4	1	0.8	1	2.9	0	0.0	20	2.3	30	2.6
Very doubtful	4	16.7	4	4.4	2	1.7	3	8.8	0	0.0	11	1.3	24	2.1
Accuracy	16	100.0	96	100.0	115	100.0	28	100.0	2	100.0	874	100.0	1,131	100.0
Very confident	5	31.2	56	58.2	76	6.7	6	21.4	1	50.0	411	47.0	555	49.1
Confident	2	12.5	20	20.8	29	25.2	9	32.1	1	50.0	332	38.0	393	34.8
Unsure	4	12.5	4	4.2	1	0.9	0	0.0	0	0.0	23	2.6	30	2.6
Doubtful	3	18.8	4	4.2	2	1.7	3	10.7	0	0.0	11	1.3	23	2.0
Very doubtful	4	23.5	4	4.4	2	1.7	3	8.8	0	0.0	11	1.3	24	2.1
Total observations (row %)	35	2.5	166	12.0	123	8.9	144	10.4	2	0.2	908	65.9	1,378	100.0

[1]Too intoxicated to participate or scoring more than 9 on the Short Blessed Exam (Katzman et al., 1983).

[2]Encampment and street samples only.

[3]Only of those eligible.

[4]Interview broken off before completing Section C.

[5]These are the data used in the main report.

[6]Includes people who were too cognitively impaired to be interviewed or who were screened ineligible.

[7]Entries exclude missing data; percentages are column percentages for each item unless noted.

Source: 1991 NIDA DC*MADS Homeless and Transient Population Study.

recontacted when they were drawn into the sample again. Ineligible institutions included day programs, child care centers, shelters that had closed, and motels that were not being used for emergency housing. Of the 537 residents approached in shelters (see Table A.3), 6 were too intoxicated or cognitively impaired to be interviewed, 51 refused to participate, 3 broke off before completing the key drug sections, and 477 participated (89.8% individual response rate).

The overall institutional response rate for soup kitchen meals was 96.9% (see Table A.2). The one soup kitchen that refused to participate served meals on an irregular basis and could not fit the survey into its schedule. The five ineligible programs included two that were closed for remodeling, a Head Start program, a program for the elderly, and one that went out of business. Of the 298 residents approached at soup kitchens (see Table A.3), none was cognitively impaired, 74 refused, and 224 participated (75.2% individual response rate). None of the interviews was broken off before the key sections on homelessness and drug use were completed.

All clusters of verified encampments in the sampling frame were visited; thus, there was a 100% completion rate. Of the 180 people initially approached in encampments (see Table A.3), 12 were too cognitively impaired to screen, 16 refused to participate, and 163 completed screeners (91.1% screener response rate). Of the 149 who were screened eligible, 3 were too cognitively impaired to interview, none refused to be interviewed, 3 broke off the interview before completing the key sections on homelessness and drug use, and 143 completed interviews (97.9% individual response rate).

Of the 432 assigned blocks in the street sample, 1 was never found, 24 were not visited because of criminal activities and security problems, 1 was missed, 2 were accidentally repeated, 32 were visited but on a different day than assigned, and 374 were visited on schedule. The 402 unique completed blocks resulted in a 93% completion rate, with 86% completed on the assigned day. Of the 363 people approached in street locations (see Table A.3), 9 were too cognitively impaired to be screened, 151 refused to be screened, and 203 completed screeners (57.3% screener response rate). Of the 84 who were screened eligible, 4 were too cognitively impaired to complete the interview, 16 refused to participate, none broke off an interview, and 64 participated (80.0% response rate).

In street and encampment locations, people who refused the screener (see Table A.8) were more likely than those completing an interview to appear to be going to some place (53.6% vs. 17.6%), carrying their belongings including purses or briefcases (33.1% vs. 8.0%), coming from some place (22.3% vs. 4.1%), and appearing dirty and unkempt (15.1% vs. 9.1%) and less likely to appear neat and clean (55.4% vs. 64.2%), confused (3.0% vs. 4.2%), or shabbily dressed (23.5% vs. 67.7%). There were no major differences between people refusing the main interview and completing it, in part due to the overall response rate (86.1%) shown in Table A.3.

A.3 Data Collection Instruments

A.3.1 Overview of the Instruments

The questionnaire used in this study addressed a number of topics related to homelessness, licit and illicit drug use, treatment experience, legal issues, primary health care,

mental health, employment, entitlement participation, education, and demographic information. Other DC*MADS studies covered similar topics and included questions on homelessness, drug use, and dropping out of high school.

A.3.2 Development

A short, easily administered instrument was needed to ensure respondent understanding and applicability in different environments (e.g., during predawn hours, on street curbs, and in unfavorable weather conditions, with some respondents just waking up or experiencing aftereffects from drug or alcohol use). Questionnaire items were based on the NHSDA questionnaire and prior studies about homelessness (Rossi et al., 1986; Burt & Cohen, 1988; Farr et al., 1986; Milburn et al., 1990; and Dockett, 1989). The mental health items were drawn from the Addiction Severity Index (McLellan et al., 1985) because it was short and had been validated in research on homeless people who had problems with mental illness and alcohol or drug use (Huebner & Crosse, 1991).

A.3.3 Pretesting, Refinement, and Translation

The instrument was pretested in street, shelter, and soup kitchen settings, then circulated for comment to the DC*MADS Advisory Group and others with expertise in the area of homelessness. After further refinement, it was translated into Spanish and given to Spanish-speaking shelter staff to translate and critique. All show cards and letters were printed in English on one side and Spanish on the other 80 that they could be used for individuals who spoke either language. Four Spanish-speaking interviewers were hired for each of the main data collection teams. During the course of the study' ., it was necessary to use Spanish with 12 out of 1,378 people who were approached.

A.3.4 Analysis of Data Quality and Consistency

Table A.9 shows the internal consistency of self-reported lifetime drug and alcohol use, with 7.0% (alcohol) to 96.6% (methamphetamines) consistently reporting no use and 1.6% (methamphetamines) to 91.8% (alcohol) consistently reporting use of alcohol and specific drugs. An estimated 0.0% (inhalants) to 1.4% (sedatives, tranquilizers, or analgesics) of the responses were inconsistent as a result of interviewer error. This type of error occurred when a question about lifetime use of a drug was recorded as "no," but the interviewer proceeded to ask and record additional answers to questions about the same drug. Respondent inconsistency was estimated from 0.0% (inhalants and crack) to 0.7% (sedatives, tranquilizers, or analgesics) based on persons who initially said they had never used a specific drug, then later reported using the same drug in combination with alcohol, needing more of the drug to get the same high, trying to cut down on their use of the drug, having withdrawal effects from the drug, or having been treated for using the drug.

Other items not shown in Table A.9 include non response, which was at or below 5% for more than 95% of the items. Exceptions were for items on the amount of income in the past 30 days (with 10% to 20% missing) and the number of weeks the respondent spent in several living situations during the past year (with 5% to 7% missing).

Table A.9   Internal Consistency and Quality of Self-Reported Drug and Alcohol Use

Substance	Consistent Report of No Use		Consistent Report of Use		Interviewer Inconsistency1		Respondent Inconsistency2		Bad/ Missing Data[3]	
	n	%	n	%	n	%	n	%	n	%
Alcohol	64	7.0	834	91.8	6	0.7	3	0.3	1	0.1
Marijuana	269	29.6	626	69.0	6	0.7	1	0.1	5	0.6
Inhalants	738	81.3	163	18.0	0	0.0	0	0.0	7	0.8
Crack	455	50.1	445	49.0	4	0.4	0	0.0	4	0.4
Other cocaine	465	51.2	430	47.4	6	0.7	1	0.1	6	0.7
Hallucinogens	527	58.0	368	40.5	3	0.3	1	0.1	9	1.0
Heroin	678	74.7	218	24.0	2	0.2	1	0.1	9	1.0
Methamphetamines	877	96.6	15	1.6	5	0.6	1	0.1	10	1.0
Other stimulants	663	73.0	230	25.3	4	0.4	4	0.4	7	0.8
Sedatives, tran- quilizers, or analgesics	657	72.4	214	23.6	13	1.4	6	0.7	18	2.0

[1]The interviewer made a transcription error by circling the "no" response, but then proceeded to ask other related questions in the same section as though the response had been "yes."

[2]The respondent reported no use of a drug in Section B of the questionnaire (Specific Drug Use), but then did report using that same drug in Section C (General Drug Use).

[3]Data in Sections B and C are missing or illegible, or the respondent refused to answer the questions.

Source: 1991 NIDA DC*MADS Homeless and Transient Population Study.

Local officials and service providers gave several suggestions to facilitate respondent understanding and cooperation, including:

- Interview in neutral settings to minimize association of the shelter's services with participation in the study and encourage honesty. A statement in the shelter introduction was added to reassure clients that participation in the study would not affect their ability to receive shelter services.

- Be prepared to schedule appointments for the next evening rather than the next morning because some of the clients were employed.

- Have interviewers sign receipt forms for incentives instead of respondents to protect respondent anonymity.

- Work through municipal offices that provide motel vouchers instead of motel operators to protect the identity of homeless residents willing to participate in the study.

A.4 Data Collection

A.4.1 Overview of Data Collection

This section describes the field preparations, interviewer selection, and training and data collection procedures. It concludes with an assessment of the quality of the field operation.

A.4.2 Field Preparations and Local Advisory Group

Historically, research about homeless people has met with resistance from homeless advocates and others concerned with the impact of research results on community services and resources for the homeless population. To minimize this, the DC*MADS Advisory Group and local service providers were involved in planning for the study, pretesting its procedures and instruments, and recruiting and hiring interviewers. Jurisdictional and local endorsements for the research were obtained from the Washington Metropolitan COG's Homeless Task Force, county officials, and service providers to strengthen the credibility of the study and its acceptance in the community.

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- Interview in neutral settings to minimize association of the shelter's services with participation in the study and encourage honesty. A statement in the shelter introduction was added to reassure clients that participation in the study would not affect their ability to receive shelter services.

- Be prepared to schedule appointments for the next evening rather than the next morning because some of the clients were employed.

- Have interviewers sign receipt forms for incentives instead of respondents to protect respondent anonymity.

- Work through municipal offices that provide motel vouchers instead of motel operators to protect the identity of homeless residents willing to participate in the study.

A.4.3 Interviewer Selection and Training

The study presented unique interviewing challenges. Interviewers had to exercise good judgment and sensitivity toward the people they approached, especially in the street setting. The ideal interviewer would have had both interviewing experience and, in some capacity, contact with the homeless population. Because persons with both qualifications were difficult to find, prior experience with homeless people was given a higher priority than interviewing experience. The plan to recruit and hire interviewers who were homeless or who

Table A.10 shows the demographic characteristics of the interviewers and the extent of their professional and/or personal experience with homelessness. Several interviewers worked in more than one of the sample frames, so the columns are not mutually exclusive. Of the 35 interviewers who worked on the study, 26 were men and 9 were women; 11 were white, 18 black, and 3 Hispanic; about half were between the ages of 35 to 49; and over half had some college education. Twenty-one of the interviewers had worked with homeless people as service providers, 9 had been or were homeless individuals, and 5 had both worked with and lived with homeless people.

Training for the street and shelter data collection activities was conducted from January 25 to January 27, 1991, and for soup kitchens and encampments on May 31, 1991, in Washington, DC. Lectures, group instructions, and practice sessions were used, along with a training manual that covered such topics as:

- overall purpose and goal of the study;

- procedures that had been used to select shelters, soup kitchens, and census blocks;

- data collection procedures to be followed in shelters, soup kitchens, and on the street, including respondent sampling, and the "sweeps" (scouting, security, and screening) of sampled blocks;

- techniques of interviewing, including soliciting cooperation, asking questions, recording responses, probing, and maintaining neutrality;

- techniques in engaging homeless persons, including issues of sensitivity, security, confidentiality, anonymity, and approaching and interviewing cognitively impaired individuals;

- question-by-question review of all instruments, including mock role playing exercises for paired trainees; and

- administrative procedures, including editing completed instruments, reviewing materials and supplies, supervising others (or being supervised), and reporting production, time, and expenses.

Various training tools and methods were used. Lectures were used to describe the objectives of the study and the preparations that had been made for data collection. Group instruction was used to teach sampling procedures in shelters and soup kitchens and to discuss street procedures. With the use of overheads, data collectors were taught how to complete the block assignment forms (BAFs), shelter assignment forms (SAFs), and soup kitchen assignment forms (SKAFs) and to document their activities in the field. Discussion sessions were held to cover issues on security, sensitivity, anonymity, and confidentiality, and practice exercises were used to teach the trainees how to administer the instruments.

Table A.10   Demographic Characteristics of the Interviewers, by Sample Frame

Demographic Characteristic	Shelter		Soup Kitchen		Encampment Cluster		Street		Total	
	n	%	n	%	n	%	n	%	n	%
Total	9	100.0	10	100.0	5	100.0	29	100.0	35	100.0
Gender										
Male	5	55.6	7	70.0	4	80.0	25	86.2	26	74.3
Female	4	44.4	3	30.0	1	20.0	4	13.8	9	25.7
Race/ethnicity										
White	4	44.4	3	30.0	3	60.0	10	34.5	11	31.4
Black	4	44.4	5	50.0	2	40.0	16	55.2	18	51.4
Hispanic	1	11.1	2	20.0	0	0.0	3	10.3	3	8.6
Age (years)										
Under 20	1	11.1	1	10.0	0	0.0	1	3.4	1	2.9
20-25	1	11.1	1	10.0	0	0.0	2	6.9	2	5.6
26-34	0	0.0	1	10.0	1	20.0	2	6.9	4	11.4
35-49	6	66.7	5	50.0	3	60.0	16	55.2	17	48.6
50+	0	0.0	1	10.0	0	0.0	1	3.4	1	2.9
Unknown	1	11.1	1	10.0	1	20.0	7	24.1	8	22.9
Education										
High school	0	0.0	0	0.0	0	0.0	4	13.8	4	11.4
Some college	6	66.3	5	50.0	2	40.0	13	44.8	14	40.0
College graduate	3	33.3	5	50.0	1	20.0	6	20.7	8	22.9
Unknown	0	0.0	0	0.0	2	40.0	6	20.7	6	17.1
Homelessness experience										
Worked with	8	88.9	7	70.0	3	60.0	16	55.2	21	60.0
Lived with	0	0.0	3	30.0	1	20.0	9	31.0	9	25.7
Both	1	11.1	0	0.0	1	20.0	4	13.8	5	14.3

Source: 1991 NIDA DC*MADS Homeless and Transient Population Study.

One important element in gaining cooperation from the homeless population was the sensitivity of the data collector. Data collectors had to be aware of the stress levels that persons living on the street or in a homeless shelter experience and to treat them with courtesy, patience, and respect. They had to know that individuals in this situation may feel timidity, reluctance, or even hostility when asked for personal information. To address this, training included discussions on sensitivity to homeless people and ways to approach them, especially those encountered on the street, and a presentation by an outreach therapist on "Engaging the Homeless." Additionally, because many of the data collectors had experience with homeless people either as providers of services or because they themselves were homeless, they were able to provide useful suggestions to deal with potential problems. The training manual also included guidelines on how to engage homeless people on the street.

A.4.4 Field Procedures

The basic field procedures for the shelter frame can be summarized as follows:

- Two days prior to the sampled date, data collectors telephoned the shelter contact person to verify existing information and confirm the visit to the shelter. Results of this contact were documented on the SAF.

- If interviewing was to be done at a motel, data collectors contacted the regional office 2 days prior to the sampled date and arranged to obtain the list of individuals who were staying at the motel on the sampled night and their signed consent forms.

- Upon arrival at a shelter, data collectors identified a private place to conduct the interviews and inspected the roster intake form to determine how respondent selection would be done.

- After a client had been selected for interviewing, the data collectors approached him/her to obtain his/her cooperation to be interviewed.

- Data collectors were to complete as many interviews as possible with selected clients. Upon completion of an interview, data collectors gave individual respondents $10 and signed the incentive receipt forms.

- In shelters that did not have a curfew, data collectors marked blank lines on the shelter roster intake form to indicate selected clients. They explained to shelter staff how to select clients who entered the shelter after the data collector left, what information to give those who were selected, and the information needed from them the next morning.

- Data collectors documented the results of their visit on the SAF.

- The following morning, data collectors telephoned the shelter to obtain information on the cooperating selected clients who entered the shelter after the data collectors left.

- Data collectors documented the results of the telephone follow-up contact on the SAF.

- Data collectors later returned to the shelter to conduct interviews with those clients who were initially selected after the data collectors left the shelter

- Data collectors documented on the SAF the results of their follow-up visits to the shelter to contact those clients initially selected after the data collectors had left the shelter.

  The basic field procedures for the soup kitchen frame can be summarized as follows:

- A group of three data collectors and a team leader went to a sampled soup kitchen on the sampled date during specified hours.

- The team leader was responsible for making initial contact upon arrival, selecting respondents, solving any logistical problems, and, assuming time availability, conducting the interviews.

- The team leader obtained from the contact person an estimate of the number of people who would be served (or directly counted them). The information was documented on the SKAF.

- Using a sampling worksheet, the team leader determined the random start number and the interval number. Because the number of people served varied, these numbers were determined on-site after verification of the expected number of people.

- An average of nine individuals were selected with the expectation of interviewing six to seven at each soup kitchen site.

- The initial approach to a selected individual was usually made by the soup kitchen contact person who asked him/her to step out of the line and was informed that he/she had been selected for an interview. The data collector then attempted to elicit cooperation.

- If possible, the selection and approach were done prior to the meal so that interviewing could occur immediately, thus reducing the waiting time for the others who were selected.

- If a person had to wait to be interviewed, he/she was given a study brochure to read. he/she was instructed to return the brochure at the time of the interview. This procedure helped verify that the returning individual was the selected respondent.

- If a private area to conduct the interview was not designated, the data collectors were to locate a private area outside.

  Other than how the sites were identified, the basic field procedures for the encampment frames were largely the same. They can be summarized as follows:

- Prior to the sampled morning, the data collection team conducted a scouting sweep of their assigned block. The purpose was to locate the block, assess its size and general

composition, and identify where people might be found sleeping. Observations were documented on the BAF. For the encampments sampled in June 1991, as many census blocks as necessary were combined to define the area.

- Approximately 15 to 20 minutes prior to the screening sweep, the data collection team conducted a security sweep to count the number of people who appeared to be asleep, homeless, engaged in employment, or involved in illegal activities.

- Results of the security sweep were reported via cellular phone to the supervisor and recorded on the BAF.

- During the screening sweep, data collectors inspected all areas in the sampled block where homeless people might be resting, including all open and public places until a locked door was encountered.

- The screening sweep was conducted from 4:00 to 5:30 A.M. on the sampled morning to screen everyone found within the boundaries of the selected block. Screening ended at 5:30 A M., but interviewing continued until as many interviews as possible were completed.

- Data collectors were to approach as many people as possible and attempt interviews with everyone who screened eligible. Data collectors gave individual respondents $10 after completing interviews.

- If a person was asleep, the data collectors were instructed to keep an eye on him/her, but to wait until he/she woke up naturally before making an approach.

- If the data collector encountered a risky situation or a large number of people were to be screened, he/she was required to contact the field supervisor by cellular phone for instructions and/or assistance.

- Documentation of every person seen on the block was made on the BAF. This included people who participated, refused, or were not approached because they were involved in business or illegal activity.

  The SAF, SKAF, and BAF forms were used to document the following:

- location, contact person, and any special circumstances or agreements known in advance;

- results of preliminary contacts or scouting sweeps;

- extent to which data collectors followed the proposed procedures, and the actual date and time of data collection;

- number of people sampled, approached, refused (or broke off), rescheduled for a later date, and completed an interview;

- prevailing weather conditions; and

- number of completed forms ready for batching and processing.

Each form also provided a space for the data collection team to certify their participation on the shift and to report the results of any callbacks that had been scheduled during the shift.

A.4.5 Analysis of the Fieldwork

This section examines the effectiveness of training, staffing, equipment, and security measures so that the experiences from this study may serve as a model for other data collection efforts involving hard-to-reach and hidden populations in similar environments.

Given the emphasis placed on homeless experience over interviewing experience in hiring interviewers, more training should have been given on standard interviewing techniques and administration of the questionnaire. Specific lessons that were learned include:

- The small number of street interviews conducted in rural and suburban areas kept some of the interviewers from using their training soon enough and often enough, creating the need for repeated follow-up training for the less experienced interviewers. The costs of additional training may have been avoided if interviewers had been rotated between shelters and streets where they could have completed interviews early in the data collection.

- The study benefited from the interviewers' personal and professional experience with homelessness. They knew where to find homeless people on the street and how to engender trust and cooperation from this potentially suspicious population.

- The interviewers were willing to commit to a work schedule of unusual hours and conditions, including shift hours of 2:00 to 6:00 A.M. and interviews in dangerous areas of the city.

- The use of interviewers with homeless experiences had some disadvantages, including a need for more field supervision and monitoring than would be required with professional interviewers, and more assistance with accounting and documentation procedures.

Most of the equipment used in this study worked as planned. The cellular phones allowed the team contact with their supervisor and were invaluable for safety. The backpacks were essential for transporting the many supplies needed to do the work. The flashlights were needed during the predawn data collection hours. The foghorns were rarely used as intended. The results for other equipment were more mixed:

- The effectiveness of jackets as a means of easily identifying interviewers varied with geographic areas. The teams working in suburban locations found them useful

because they made the data collectors visible and local police knew they were not engaged in criminal activity. Interviewers working in the more urban areas, however, chose not to wear them for the very same reason; i.e., to avoid being too conspicuous.

- Food as an incentive did not work in the intended way. Instead, supervisors brought thermoses of coffee each morning, which turned out to be a greater incentive to respondents than the food.

- The vans were useful in the street component of the study, but their nightly presence in high crime areas led to some occasional safety risks to the interviewers.

A.5 Weighting and Analysis Approach

A.5.1 Overview of Analysis Approach

This section provides an account of how the frame-specific and total population weights were constructed. It discusses the implications of conducting weighted analysis through SUDAAN (or SUrvey DAta ANalysis software), the low precision rule for prevalence estimates, and testing for statistical significance. It concludes with an analysis of the validity of the responses.

A.5.2 Creation of Frame-Specific Analysis Weights

Depending on the frame, one to three stages of analysis weights (AW) were calculated and then multiplied to create a raw analysis weight for each eligible person. Although the formulas vary, each weight is essentially the product of the inverse of the sampling rate(s) for each stage. Adjustments for institutional and individual non response were used to create an adjusted analytic weight (AW_A) that is valid for within-frame estimates. Potential multiplicity between sample frames within a sampled day is discussed in subsequent sections.

A.5.2.1 Shelter Weights. The raw analysis weights for the shelter interviews were based on a first-stage weight for the shelter facility and second-stage weight for individuals within shelters. The shelters were divided into five strata based on bed capacity, and then randomly sampled within strata. The first-stage weight, denoted as WTSH1 in Equation A. 1, was based on the total numbers of shelters in a stratum divided by the number of shelters sampled within that stratum. The second-stage weight, denoted as WTSH2 in Equation A.2, was based on the total number of people actually in the shelter on the sampled night divided by the number who were sampled. Within shelters, people were selected by systematic random sampling of the intake or bed or emergency housing roster. The raw analysis weight (AW) for the shelter interviews is the product of these two weights and is shown in Equation A.3.

$$WTSH1(h) = N(h) / n(h),$$
(A.1)

where

$N(h)$ = total number of shelters in stratum-h and

$n(h)$ = total number of shelters sampled in stratum-h.

$$WTSH2(j) = N(j) / n(j),\qquad\text{(A.2)}$$

where

$N(j)$ = total number of people actually staying in shelter j on the sampled night and

$n(j)$ = total number of people sampled in shelter j on the sampled night.

$$AW(h,j) = WTSH1(h)*WTSH2(j).\qquad\text{(A.3)}$$

Two levels of non response adjustments were made in the shelter survey-one for institutional and the other for individual. To compensate for institutional (shelter-level) non response, weighting class adjustments were used. Two weighting classes were constructed-one for the winter sample shelters and one for the spring sample shelters. The adjustment was such that the sum of the adjusted weights over participating shelters in a season was made to equal the sum of the sampling weights for all selected shelters, both responding and non responding.

Individual non response adjustments were made using each municipality as a weighting class. In this way, the sum of the adjusted weights over the respondents in a class should reproduce the sum of the unadjusted weights over all selected persons in the class. Weighting classes for the shelter respondents were constructed to be sufficiently large (in terms of number of respondents) and geographically homogeneous.

Table A.11 presents the basic shelter weights (computation). First-stage weights were computed for each season and capacity stratum and were adjusted within weighting classes (municipalities).

For overall analyses based on the combined samples, the weights were adjusted to account for dividing each seasonal sample into two monthly (sub)samples, then 16 days. This adjustment has the same effect as adding the 16 daily estimates and dividing by the number of estimates being summed (16), but it is preferable because there are two seasonal samples with replacement. The final adjusted analysis weight (AW_A) is valid for describing the shelter population on an average night during February, March, April, and June 1991.

A.5.2.2 Soup Kitchen Weights. The raw analysis weights for the soup kitchen interviews are based on a first-stage weight for the soup kitchen meal and a second-stage weight for individuals served at the meal. The soup kitchen meals were sampled with probability proportional to size (PPS), where the expected number of people to be served in each meal was the measure of size. Some soup kitchen meals were certainty units by virtue of their large size. The first-stage weight, denoted as WTSK1 in Equation A.4, is the reciprocal

Table A.11 Shelter Stratum, Stratum Size, and First-Stage Weights ☹☺☺

Stratum Number/ Definitions[1]	Winter			Spring		
	Stratum Count	Sample Size	WTSH1[2]	Stratum Count	Sample Size	WTSH1[2]
1 100 ≤ C ≤ 500	17	14	1.214	15	15	1.000
2 C > 500	7	2	3.500	6	3	2.000
3 20 ≤ C < 100	49	26	1.885	41	14	2.929
4 C < 20	51	10	5.100	49	4	12.250
5 Motels	28	2	14.000	27	2	13.500

[1]The measure of size, C, stands for bed capacity. Shelters with C > 500 were divided into smaller units, such as a ward or floor, for sampling purposes. Motels were clustered and sampled by municipality, with all of the motels used by a municipality on a given night being used in the sample.

[2]WTSH1 is the first-stage sampling weight for shelters.

Source: 1991 NIDA DC*MADS Homeless and Transient Population Study.

of the selection probability for the meals. The second-stage weight, denoted as WTSK2 in Equation A.5, is the actual number of people served in the meal divided by the number of people sampled. People within a meal were selected through systematic random sampling from a line or sitting arrangement. The raw analysis weight, denoted as AW in Equation A.6, is the product of the first- and second-stage weights.

$$WTSK1(i) = S(+) / [ns(i)],$$ (A.4)

where

ns = total expected capacity across all meals,
n = number of meals selected, and
$s(i)$ = expected meal capacity of meal i.

$$WTSK2(j) = N(j) / n(j),$$ (A.5)

$N(j)$ = total number of people actually served at meal j on the sampled day and
$n(j)$ = total number of people sampled from meal j on the sampled day.

$$AW(i,j) = WTSK1(i) * WTSK2(j).$$ (A.6)

Only one seasonal (monthly) sample was used as a weighting class in the institutional non response adjustment. In other words, a single weighting class was used, and this comprised the entire pool of meal sites available in the sampling frame's soup kitchens. Thus, the sum of the (adjusted) weights over the participating units was made equal to the sum of the unadjusted weights over all sampled units.

Weighting classes for individual non response adjustments were three regions: DC proper, Virginia municipalities in the DC MSA, and Maryland municipalities in the DC MSA. The adjusted analysis weight (AW_A) is valid for describing the soup kitchen population on an average day during June 1991.

A.5.2.3 Encampment Weights. All of the encampment clusters were included in the study with certainty, and everyone who was approached and eligible was interviewed. Their raw analysis weights are equal to 1.0. Individuals were screened according to the eligibility criteria discussed in Chapter 2.0.

Individual non response adjustments were made to the encampment sample using the entire encampment sample as a weighting class. In other words, one inflation factor was applied to the individual sampling weights. This was computed as the sum of the weights over all persons screened eligible divided by the sum of the weights over all survey respondents who completed interviews in that sample. The resulting adjusted analysis weight (AW_A) is valid for describing the total eligible encampment population on an average morning during June 1991.

A.5.2.4 Street Weights. The raw analysis weights for the street sample were computed based on the equal probability sample within the tract and block strata described in Section A.2.2.3. The first-stage analysis weight, denoted WTST1 in Equation A.7, is the

number of tracts in each stratum divided by the number of tracts sampled. The weight is the same for all tracts (h,i) within stratum-h. The second-stage analysis weight, denoted as WTST2 in Equation A.8, is the number of blocks in each block stratum divided by the number of blocks sampled. Both the upper and lower parts of Equation A.8 are summed over the tract strata; the joint distribution of sampled tracts and blocks is shown in Table A.1. The raw analysis weight (AW) for each selected block is given by the product of the first-stage tract weight and second-stage block weight and is shown in Equation A.9.

$$WTST1(h) = N(h) / n(h),$$ (A.7)

where

$N(h)$ = stratum-h (low/medium/high) total number of tracts and
$n(h)$ = sampled tracts in stratum-h.

$$WTST2(j) = M(j) / m(j),$$ (A.8)

where

$M(j)$ = total number of blocks in the stratum-j (low/medium/high) across the selected tracts and

$m(j)$ = sampled blocks in block stratum-j.

$$AW(h, j) = WTST1(h) * WTST2(j).$$ (A.9)

Individual non response adjustments were made to the street samples using the two seasonal samples as weighting classes. In this way, for each of the two seasonal components, the sum of the adjusted weights over survey respondents was made equal to the sum of the unadjusted weights over the entire sample (all persons in the selected blocks in the sample periods). Like the encampment adjustment, this inflation factor was the sum of weights for all people screened eligible divided by the sum of the weights for those who were interviewed; the raw weight (AW) was multiplied by this factor to adjust for interview non response. Like the shelter sample, a second factor was applied to adjust for dividing the seasonal sample and having two seasonal samples with replacement. The resulting adjusted weight (AW_A) is valid for describing the street population on an average morning in February, March, and April 1991.

A.5.3 Creation of Total Population Analysis Weights

Although randomly assigning sampling units to sampled days significantly reduces the potential for within-frame multiplicity (i.e., having more than one chance of being selected), the use of multiple frames raises the problem of multiplicity across frames on a given day. This section provides the rationale for dividing the sampling weights by the frame multiplicity during the 24-hour sampled day, which has been denoted as γ (GAMA in variable names). It then describes the computation of the GAMA adjustment factor, which accounts for potential multiple selection probabilities within a given month and/or frame, and the selection of the optimal adjustment strategy to produce the lowest relative standard errors (RSEs).

A.5.3.1 Rationale of Multiplicity Adjustments. The multiplicity adjustment for an individual is the number of links that an individual may have to the different sampling frames on the sampled day. An example of multiplicities across frames is that a person selected in the shelter component may also be selected in the street sample or soup kitchen sample On that same day. In principle, multiplicities may arise within the same sampling frame (e.g., a person in the street frame for multiple nights has the potential for multiple selections into the street sample). An effort was made to minimize this problem by randomly assigning sampled units to sampled days to produce several small but independent samples.

This mobile and transient population at a particular point in time (day) can be characterized by the sample selected at that particular point in time or day. The (sub)population sizes can then be estimated as an average over the sampled days in the data collection period. Multiplicities then become the number of possible linkages to the frames within a sampled 24-hour period. With this formulation, only an adjustment across frames is necessary.

What follows is a technical definition and justification of the multiplicity adjustment.

Let α index homeless persons at day-t within the DC MSA, $\alpha = 1, 2, \ldots N(t)$; where N(t) is the day-t number of homeless persons and T is the number of days in the data collection period. Let

$$N = \sum_{i}^{T} N(t) / T$$

be the average number of homeless persons in the DC MSA per day in the data collection period.

Overall prevalence estimates are designed to estimate the parameter Y/N where

$$Y = \sum_{t} \sum_{\alpha=1}^{Y(t)} Y(\alpha) / T$$

is a total averaged over the time periods. Here, $Y(\alpha)$ is the (0-1) outcome variable for person α.

Let f index frames used for the survey, f = 1,2,3 corresponding to shelter, soup kitchen, and street/encampment (encampments are a subset of the street frame); and let i index sampling units within frames. The multiplicity (γ) for person α is calculated as the number of linkages that person a has to the sampling structure, as shown in Equation A.10. Dividing the original weights AW_A by their respective gamma (γ_α) adjustments results in unbiased estimates of both population characteristics (Y) and size (N), as illustrated in Equations A.11 and A.12, respectively.

The multiplicities are calculated as:

$$\gamma_\alpha = \sum_t \sum_{f=1}^{3} \sum_{i=1}^{N(f)} \theta(\alpha, tfi),$$

(A.10)

where

$$\theta(\alpha, tfi) = \begin{cases} 1 \text{ if the a person is linked sampling unit - i} \\ \quad \text{in frame - f at day - t} \\ 0 \text{ otherwise} \end{cases}$$

Prevalence estimates are combined ratio estimates of the form Y/N. To adjust for multiplicity, the numerator of the prevalence estimate is computed as:

$$\hat{Y} = \sum_t \sum_{f=1}^{3} \left[\sum_{i=1}^{N(f)} \sum_{\alpha=1}^{N(t)} \frac{I(tfi)W(tfi)\theta(\alpha, tfi)Y(\alpha)}{\gamma_\alpha} \right] / T$$

(A.11)

where

$$I(tfi) = \begin{cases} 1 \text{ if sampling unit tfi is selected for the sample} \\ 0 \text{ otherwise} \end{cases}$$

and

$$W(tfi) = \text{sampling weight for unit tfi.}$$

The denominator is similarly computed as:

$$\hat{N} = \sum_t \sum_{f=1}^{3} \left[\sum_{i=1}^{N(f)} \sum_{\alpha=1}^{N(t)} \frac{I(tfi)W(tfi)\theta(\alpha, tfi)}{\gamma_\alpha} \right] / T$$

(A.12)

Operationally, the multiplicity adjustment factor was computed as the sum of the following variables:

$$GAMA = SH + SK + ST,$$

where

SH = 1 if interviewed in a shelter or stayed in one last night, else 0.

SK = 1 if interviewed in a soup kitchen, else (days of soup kitchen use in the last 30)/30.

ST = 1 if interviewed in a street/encampment location, reported being in one or expected to be in one during 4:00 A.M. to 5:30 A.M. of the sampled mornings else 0.

The indicator variable for the soup kitchen component, based on questions asked of shelter and street sample persons, measures the relative frequency of SK use during the previous 30 days and takes on values between 0 and 1 (rather than simply 0 or 1).

The calculation of the actual GAMA varied slightly from this formula due to the asymmetry introduced by the design change at the end of April 1991. For the months of February, March, and April, GAMA was calculated using only SH and ST, the only two potential sampling frames during that time. During June, it was calculated using only SH and SK Although encampments are a subset of the street frame, the overlap was not corrected for between the street and shelter/soup kitchen frame because the encampment part of this overlap represents only 71 out of an estimated 1,423 people. Thus, any correction would be overly conservative for more than 95% of the cases.

A.5.2.2 Optimizing the Multiplicity Adjustment. Even though the use of multiplicity-adjusted weights in the overlapping portions reduces the bias (ideally to zero), it is plausible that this reduction is more than compensated for by an increase in sampling variance. To assess the variance tradeoffs involved in the use of multiplicity estimates, the variances of key estimates were examined under alternative weighting schemes for unions of two domains and two time periods:

- shelter-and-street union in the samples for February, March, and April, and

- shelter-and-soup-kitchen union in the June sample.

For the shelter-street union, three weighting options differing in the treatment of the data from the overlapping portion were considered:

- Option 1: Disregard data from the street sample in the overlap.

- Option 2: Disregard data from the shelter sample in the overlap.

- Option 3: Include data from both samples in the overlap with the multiplicity-adjusted weight.

The first two options used the adjusted analytic weights (AW_A) without multiplicity adjustments, while the third used the GAMA-adjusted analytic weight (AWGAMA_A).

Table A.12 shows the results of an investigation for four key variables: the estimated total number of homeless persons in the union, and three prevalence estimates related to crack cocaine use (e.g., lifetime, past year, past month). For each estimate, the exhibit shows the estimate, standard error (SE), and RSE; the RSE is computed as the SE divided by the estimate. Table A. 12 indicates the lowest RSE option (t) for each domain and each estimate.

It was undesirable to discard part of the observations in the estimation of the overlaps. Thus, it was decided to adopt the third (combined data) option unless one of the other two options resulted in either one of the following precision improvements compared to the first option: (a) yielded a reduction of at least 20% in the RSE for two or more of the four estimates examined (e.g., from .10 to .08 or .12 to .096), or (b) yielded a reduction of at least 15% in the RSE for three or more of the four estimates examined (e.g., from .10 to .085 or .12 to .102). Note that such 15% and 20% reductions in RSE are relative improvements in precision (over the multiplicity-adjustment option).

Based on this investigation, the multiplicity-adjusted weights were selected for use in the two indicated domains, SH_ST and SH_SK, for all estimates combined across frames (i.e., every estimate but the frame-specific estimates). Using these weights, the weighted totals for the different sample segments are shown in Table A.13 by season and by sample component. Combined estimates of the seven population segment sizes are presented in Table A.14. This table also shows the standard error for each estimated segment size and the design effect associated with each such estimate.

A.5.4 Weighted Analysis Through SUDAAN

As noted by Cohen, Xanthopouloe, and Jones (1986), national surveys conducted by government organizations, industry, political organizations, and market research firms need to provide the greatest precision in estimates from sample data for fixed cost and time constraints. Consequently, many national surveys are characterized by design components that include stratification, clustering, and disproportionate sampling.

Such design features complicate the data analysis while reducing the cost of data collection. Data from complex survey designs of this type deviate from the assumption of simple random sampling and require special consideration with regard to variance estimation and analysis.

Statistical software packages are currently available that accommodate these complex survey designs and allow for the generation of variance estimates of statistics expressed in terms of means, totals, ratios, and multivariate regression coefficients. The procedures vary, however, in program capabilities, computational efficiency, and user facilities. See Wolter (1985) for an overview of various computer software packages available and a discussion of criteria for selecting appropriate software for various situations. Three widely used and available software packages are the SUDAAN procedure developed by RTI (1990) the WE Stat VARiance Estimation (WESVAR) procedure developed by Westat (Flyer & Mohadjer, 1988), and the earlier procedures developed by the Statistical Laboratory at Iowa State University (Fuller, 1986).

Because the 1990 and 1991 NHSDA are national surveys of complex design, the SUDAAN software package has been used to generate statistics and variance estimates for the NHSDA Main Findings reports. To account for the design effects, the Homeless and Transient Population Study also used SUDAAN to generate weighted estimates and standard errors.

Table A.12 Estimation Options for Two Domain Unions

| Union/Estimation Option[1] (Unweighted n) | Population Size | | | Proportion (p) Reporting Crack Cocaine Use | | | | | | | | |
| | | | | Lifetime | | | Past Year | | | Past Month | | |
	$\hat{N}$	SE	RSE[2]	p	SE	RSE[2]	p	SE	RSE[2]	p	SE	RSE[2]
Union of shelter and street (2/91 to 4/91)												
1. Disregard street overlap (n=440)	7,642	789.3	0.103	0.453	0.030	0.086	0.334	0.036	0.108	0.147	0.029	0.191
2. Disregard shelter overlap (n=412)	7,345	748.5	0.102	0.437	0.037	0.085	0.318	0.037	0.116	0.135	0.027	0.200
3. Use multiplicity-adjusted overlap (n=459)	8,113	792.9	0.098†	0.449	0.035	0.078†	0.333	0.035	0.105†	0.149	0.028	0.188†
Union of shelter and soup kitchen (6/91)												
1. Disregard soup kitchen overlap (n=207)	6,473	968.0	0.149	0.519	0.052	0.100	0.413	0.060	0.145	0.235	0.039	0.166
2. Disregard shelter overlap (n=269)	8,805	973.4	0.111†	0.618	0.042	0.068†	0.541	0.045	0.083†	0.337	0.042	0.125†
3. Use multiplicity-adjusted overlap (n=302)	7,695	912.3	0.119	0.574	0.045	0.078	0.342	0.041	0.120	0.292	0.040	0.137

† Most precise estimate of three options.

[1] The three options are to disregard (i.e., exclude) respondents who could have been sampled in the shelter frame, disregard those in the shelter frame who could have been sampled from the other frame (e.g., street, soup kitchen), or use both with a multiplicity adjustment to adjust for the overlap.

[2] Relative standard errors (RSEs) are calculated as the standard error (SE) divided by the estimate ($\hat{N}$ or p).

Source: 1991 NIDA DC*MADS Homeless and Transient Population Study.

Table A.13   Summary of Weighted Counts for Overlapping Frame Segments, by Sample, Segment, and Season

Sampling Frame/ Segment/Season	(n)	AWGAMA_A Weight[1]				
		Mean	Sum	CV (%)	Min	Max
Shelter sample						
Shelter only (segment-1)						
Winter	(173)	6.6	1,136.6	87.1	0.5	13.2
Spring	(143)	10.5	1,503.6	135.6	0.7	37.4
Shelter-soup kitchen (segment-4)						
Winter	(57)	9.5	541.5	75.9	1.7	28.0
Spring[3]	(52)	10.4	540.5	78.5	2.2	44.9
Shelter-street (segment-5)						
Winter[2]	(26)	3.7	95.0	93.9	0.5	14.0
Spring[2]	(15)	5.9	88.9	88.7	0.8	17.0
Shelter-soup kitchen-street (segment-7)						
Winter[2]	(8)	6.3	50.2	67.9	1.6	13.2
Spring[2,3]	(3)	3.8	11.4	18.1	3.3	4.5
Soup kitchen sample						
Soup kitchen only (segment-2)	(109)	26.3	2,866.8	75.3	5.6	82.9
Soup kitchen-shelter[3] (segment-4)	(90)	18.6	1,669.2	51.6	2.3	41.4
Soup kitchen-street (segment-6)	(20)	31.3	627.1	60.6	5.6	76.6
Soup kitchen-street-shelter[3] (segment-7)	(5)	15.0	75.3	80.8	2.3	26.5

(continued)

[1]AWGAMA_A is the main analysis weight and includes adjustments for institutional and individual nonresponse, overlap in the sample frames, and the number of independent samples that were drawn with replacement; data given include the mean, sum, coefficient of variation (CV) (calculated as the standard deviation of the weights divided by the weight mean, expressed as a percentage), minimum (MIN) and maximum (MAX) values.

Table A.13 (continued)

Sampling Frame/ Segment/Season	(n)	AWGAMA_A Weight[1]				
		Mean	Sum	CV (%)	Min	Max
Encampment sample						
Encampment-only (segment-3)	(81)	1.3	102.1	27.9	1.0	2.4
Encampment-shelter (segment-5)	(6)	1.1	6.6	7.0	1.0	1.1
Encampment-soup kitchen (segment-6)	(49)	1.0	57.8	24.1	1.0	2.4
Encampment-shelter-soup kitchen (segment-7)	(7)	1.0	7.3	0.0	1.0	1.0
Street sample						
Street only (segment-3)						
Winter	(13)	13.6	176.3	91.6	3.7	43.3
Spring	(15)	28.5	428.0	105.0	6.0	93.8
Street-shelter (segment-5)						
Winter[2]	(5)	3.6	17.8	38.4	1.9	4.1
Spring[2]	(5)	12.2	61.0	103.0	6.6	34.7
Street-soup kitchen (segment-6)						
Winter	(12)	14.4	173.1	127.4	8.2	65.6
Spring	(5)	22.3	111.6	118.7	6.0	69.4
Street-shelter-soup kitchen (segment-7)						
Winter	(7)	3.7	25.9	40.0	2.8	8.2
Spring	(2)	6.6	13.2	0.0	13.2	13.2
Total	(908)	11.4	10,387.2	125.1	0.5	93.8

[1] AWGAMA_A is the main analysis weight and includes adjustments for institutional and individual nonresponse, overlap in the sample frames, and the number of independent samples that were drawn with replacement; data given include the mean, sum, coefficient of variation (CV) (calculated as the standard deviation of the weights divided by the weight mean, expressed as a percentage), minimum (MIN) and maximum (MAX) values.

Source: 1991 NIDA DC*MADS Homeless and Transient Population Study.

Table A.14 Combined Estimates for Seven Population Segments

| 24-Hour Population Segment[1] | (n) | Population Estimates | | | |
		Segment Size	Weighted Standard Error	Design Effect (DEFF)	95% CI[2]
Shelter only	(316)	2,640	265	3.11	(2,121-3,159)
Soup kitchen only	(109)	2,867	393	6.50	(2,097-3,637)
Street only	(109)	707	169	3.78	(376-1,038)
Shelter and soup kitchen[3]	(199)	2,751	324	4.53	(2,116-3,386)
Shelter and street[3]	(57)	269	51	0.87	(169-369)
Soup kitchen and street	(86)	970	210	4.40	(558-1,381)
Shelter, soup kitchen, and street[3]	(32)	183	61	1.82	(63-303)
Domain subtotals					
Any shelter segment[3]	(604)	5,844	449	6.89	(4,964-6,724)
Any soup kitchen segment[3]	(426)	6,771	602	13.45	(5,591-7,951)
Any street segment[3]	(284)	2,129	306	4.84	(1,529-2,729)
Encampments[4]	(143)	174	17	--	(141-207)
Total[3]	(908)	10,387	692	4.70	(9,031-11,743)

-- Not applicable (census)

[1]Unique combinations of being in three sampling domains during the 24-hour sampled day: shelter, soup kitchen, and street (including encampments).

[2]Confidence intervals (CI) incorporate the design effect and are calculated as the estimated segment size +/- 1.96 times the standard error.

[3]Including multiplicity adjustment to correct for overlap in the shelter and street sampling frames during February, March, and April 1991 and between the shelter and soup kitchen sampling frames in June 1991.

[4]Based on encampment sample only.

Source: 1991 NIDA DC*MADS Homeless and Transient Population Study.

To estimate proportions, means, and standard errors in SUDAAN in accordance with the sample design, a stratified, two-stage design was specified that incorporates with replacement sampling at the first stage. For the SUDAAN procedures, strata are represented by the variable VESTR and primary sampling units (PSUs, corresponding to the first stage of sampling) are represented by the variable VEREP.

The variables VESTR and VEREP have frame-specific definitions to incorporate the various sampling schemes and obtain estimates both within and across frames. In the street frame, the strata are defined by distinct cross-classifications of season and homeless concentration, while PSUs are defined by distinct levels of census tracts. In the shelter frame, strata are defined by cross-classifications of season and bed capacity categories, while PSUs are represented by the shelter IDs. In soup kitchens, two design strategies were employed. For each kitchen selected with certainty, a single stratum was formed, and each person selected within these kitchens formed a distinct PSU. For all other kitchens, a single stratum was formed, and the soup kitchen ID formed the PSUs. Finally, because encampments were chosen with certainty, encampment strata were formed from each encampment ID, and people interviewed in each encampment were used to form PSUs.

Table A.15 summarizes the weight and design variables required to run SUDAAN with these data. AW is given as a reference, but it is rarely used. For within-frame estimates, AW_A should be used with the main data set and AW_A1 with the observation and screening data set. For across-frame estimates, AWGAMA_A should be used with the main data set. Note that across-frame estimates should not be made with the observation data set, which covers every person approached (including refusals and persons screened out) because these data do not support multiplicity adjustments (see Table A.7).

The following example shows the SUDAAN program used to generate the estimates in Tables 4.4 and 4.4SE of this report.

```
1    PROC DESCRIPT DATA="[GBHOME]EXAMPLE" FILETYPE=SAS DESIGN=WR
        MEANS;
2    NEST VESTR VEREP;
3    WEIGHT AWGAMA_A;
4    VAR MRJFLAG1 MRJYR1 MRJMON1;
5    SUBGROUP SEX1 CATAGE1C RACE1 MARSTAT1 LOCATION EDUCAT1C
        EMPSTAT1;
6    LEVELS 2 3 4 3 3 3 4 ;
7    TABLES SEX1 CATAGE1C RACE1 MARSTAT1 LOCATION EDUCAT1C
        EMPSTAT1;
8    SETENV LINESIZE=80 PAGESIZE=60 DECWIDTH=5 COLWIDTH=10
        LABWIDTH=25;
9    PRINT NSUM MEAN SEMEAN/NSUMDEC=0 STYLE=NCHS;
10   OUTPUT MEAN SEMEAN NSUM / FILETYPE_ASCII REPLACE
        FILENAME="[GBHOME]TABLE4_4" MEANFMT=F10.5 SEMEANFMT=F10.5
        NSUMFMT=F8.0;
11   TITLE "TABLE 4.4 - MARIJUANA";
```

Table A.15 SUDAAN Requirements for Weight and Design Variables

Variable	Descriptions	Comments
Key Weights		
AW	Raw analysis weight	Inverse of sampling probability (generally not used in analysis)
AW_A	Final analysis weight, adjusted for institutional and individual nonresponse	For frame-specific estimation with main data set
AW_A1	Raw weight, adjusted for institutional nonresponse	For use on frame-specific estimates with the interviewer observation form data
AWGAMA_A	Final analysis weight, adjusted for institutional and individual nonresponse and for multiplicity across frames within the same sampled day	For cross-frame estimates with the main data set
Design Variables		
VESTR	Strata	Frame-specific definitions
VEREP	Primary sampling units	Frame-specific definitions
Design Statement		
WR	With replacement	Used in all analyses

Source: 1991 NIDA DC*MADS Homeless and Transient Population Study.

This example and description are not intended as a guide to using SUDAAN, but rather as an example of its use with the DC*MADS Homeless and Transient Population Study. Briefly, the SUDAAN program reads data from the SAS file that has been sorted by the sampling levels used in the sampling design, VESTR and VEREP, listed on the NEST statement. The default sampling design, with replacement (WR) sampling at the first Stage, is used to generate better variance estimates for multistage designs. The data have been weighted using the frame multiplicity-adjusted analysis weight, AWGAMA_A, listed on the WEIGHT statement. For frame-specific estimates, the data should be weighted by AW_A, the frame-specific analysis weight. The only estimate option requested is MEANS, which requests the computation of weighted means and their standard errors for all variables on the VAR statement. The TABLES statement specifies the cross-tabulations for which estimates are to be calculated. The variables on the TABLES statement must be listed in the SUBGROUP statement and their number of levels provided on the LEVELS statement. The estimates are printed by specified instructions using the SETENV and PRINT options. The data are output to an ASCII file using the OUTPUT option. For purposes of SUDAAN analyses, consistency codes for features such as legitimate skips, missing, or refusals must be set to either a meaning fill value (e.g., O, 1) or to a Statistical Analysis System (SAS) missing (e.g., ".").

A5.5 Low Precision Rule for Prevalence Estimates

The Homeless and Transient Population Study was designed to accurately estimate population characteristics as small as 1%. To help policymakers, program planners, and researchers to use the information in this study, weighted standard errors have been provided for every weighted estimate that is given in the technical report. Because most tables also make estimates for subgroups (e.g., Hispanics, women) with smaller sample sizes, low precision estimates that may prove to be less reliable have been flagged with an asterisk (*). These estimates were identified using the suppression rule developed for the DC oversample of the 1990 NHSDA.

Historically, the NHSDA suppression rule was designed to suppress estimates with an RSE greater than or equal to 50% of the prevalence estimate. This RSE is computed by dividing the SE of the estimate by the estimate (n, X, or %). Although the 50% RSE rule has been easy to implement and is easily understood, it has been observed to have some undesirable properties. Specifically, the rule imposes a very stringent suppression requirement on small prevalence rates, but a very lax requirement on large rates. That is, small prevalence rates that do not have relatively large sample sizes are often suppressed, whereas large prevalence rates that have small sample sizes are not suppressed.

Starting with the DC oversample of the 1990 NHSDA, a new suppression rule based on the RSE of the natural log of the estimate has been adopted to better address this limitation of the 50% RSE rule. Specifically, estimates are suppressed and shown as an asterisk (*) in a table or figure when:

RSE [-In(p)]>.175   for p<=.5, and
RSE [-ln(1-p)]>.175   for p>.5.

Note that RSE[-In(p)] = RSE(p)/-In(p). The new rule is more liberal in allowing small prevalence rates to be published but more stringent in preventing large prevalence rates from being

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published than the old rule. Under the new rule, for example, it is impossible for prevalence rates of about 1% to be published unless they are based on a sample size of 150 or more respondents. The old rule would have required a sample size of 400 or more respondents. A 20% prevalence rate requires a minimum sample size of 50 under the new rule, whereas it required only 16 under the old rule.

The Homeless and Transient Population Study used this suppression rule to identify low precision estimates. Because it is a methodological study with a more limited sample size, estimates have been flagged with an asterisk (*) rather than suppressed. For a 95% confidence interval, for instance, the interval estimate would be the estimate in the main table, plus or minus 1.96 times the standard error of the estimate.

Because the expected and overall design effect of the study was over 1.0, we also set the standard error (SE) from a simple random sampling design (SRS) as a lower bound for analyses to control for occasional design effects of less than 1.0 in subgroup estimates. To do this it is necessary to read the SUDAAN output and calculate the SRS SE, to select the maximum of the SUDAAN SRS SEs, and to calculate the RSE. Depending on the SUDAAN PROC and type of statistic, this is done by one of the following methods:

For percentage or prevalence estimates in SUDAAN PROC CROSSTAB, this is done with the following code:

```
1   MEAN=COLPER/100;
2   IF DEFFCOL GT 0.0, THEN SECOL2=SECOL/SQRT(DEFFCOL);
3   SECOLMX=MAX(SECOL,SECOL2);
4   IF COLPER GT 0.0, THEN RSE=SECOLMX/COLPER; ELSE RSE=.;
```

For estimates of proportions (i.e., means of dichotomous, 0-1 variables) in SUDAAN PROC DESCRIPT, this is done with the following code:

```
1   IF MEAN GT 0.0, THEN SEMEAN2=SQRT(MEAN*(1-MEAN)/NSUM);
2   SEMEANMX=MAX(SEMEAN,SEMEAN2);
3   IF MEAN GT 0.0, THEN RSE=SEMEANMX/MEAN; ELSE RSE=.;
```

For population estimates in SUDAAN PROC DESCRIPT, this is done with the following code:

```
1   IF TOTAL GT 0, THEN SETOTAL2=WSUM*SEMEAN2;
2   SETOTMX=MAX(SETOTAL,SETOTAL2);
3   IF TOTAL GT 0, THEN RSE=SETOTMX/TOTAL; ELSE RSE=.;
```

To implement the suppression rule, it is then necessary to calculate the natural log of "p" and test it against the 0.175 limit with the following code:

```
1   IF MEAN LE 0.5 THEN RSELNP=RSE/ABS(LOG(MEAN));
      ELSE IF MEAN GT 0.5, THEN RSELNP=RSE*(MEAN/(1-
      MEAN))/(ABS(LOG(1-MEAN)));
2   IF RSELNP GT 0.175, THEN SUPPRESS='*';
```

The variable SUPPRESS can then be used as a flag after the estimate (as was done in this report) or used to supplant it (as done in the NHSDA).

A.7 Proportion of Budget Spent on Various Study Activities

Proportions of the study budget spent on various activities are presented here to assist researchers who may be planning similar studies. The include:

- 11% for study design, questionnaire development and Spanish translation, meeting with local providers, and pretests and coordination with other DC*MADS studies;

- 9% for developing sampling frame information (including local ratings), drawing the samples, developing sampling weights, clustering and randomly assigning units to the temporal sample, developing and testing sampling weight adjustments for institutional nonresponse, individual nonresponse, seasonal multiplicity, and frame multiplicity;

- 39% for initial and follow-up training, gaining site cooperation, on-site sampling, scouting blocks, security sweeps, interviewing, field editing, field supervision, and quality control;

- 16% for data editing, data entry, computer editing, and creation of a data tape; and

- 25% for creation of analysis variables, computer runs, table creation, data analysis, and report writing.

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APPENDIX E

Example Program and Output for Complex Variance Estimation (SUDAAN)

As noted by Cohen, Xanthopoulos, and Jones (1986), large-scale survey conducted by government organizations, industry, political organizations. and market research firms need to provide the greatest precision in estimates from sample data for fixed cost and time constraints. Consequently, many surveys are characterized by design components that include stratification, clustering, and disproportionate sampling. Such design features complicate the data analysis while reducing the cost of data collection. Data from complex survey designs of this type deviate from the assumption of simple random sampling, and thus require special consideration with regard to variance estimation and analysis. Statistical software packages are currently available that accommodate these complex survey designs and allow for the generation of variance estimates of statistics expressed in terms of means, totals, ratios, and multivariate regression coefficients. The procedures vary, however, in program capabilities, computational efficiency, and user facilities. For an overview of various computer software packages available and a discussion of criteria important to selecting appropriate software for various situations, see Wolter (1985). Three widely used and available software packages are the SUDAAN procedure developed by the Research Triangle Institute (1990), the WESVAR procedure developed by Westat (Flyer & Mohadjer. 1988), and the PC-CARP procedure developed by the Statistical Laboratory at Iowa State University (Fuller, 1986).

The 1991 DC*MADS Homeless and Transient Population Study involved a survey of complex design, as described in the survey methodology section of this document. Thus, the SUDAAN software package was used to generate statistics and variance estimates for the study's final report.

The following is an example of a SUDAAN program used to generate the estimates in Tables 4.4 and 4.4SE of the Homeless and Transient Population Study final report. This example includes the example SUDAAN program and the resulting final based on the SUDAAN output. The final tables are reproduced here to add completeness to the example. The SUDAAN program is briefly described below. This example and description are not intended as a guide to using SUDAAN, but rather as an example of its use with the DC*MADS Homeless and Transient Population Study.

The SUDAAN program reads data from the SAS file that has been sorted by the sampling levels used in the sampling design, VESTR and VEREP, listed on the NEST statement. The default sampling design, with replacement sampling at the first stage, is used here. The data have been weighted using the frame multiplicity-adjusted analysis weight, AWGAMA_A, listed on the WEIGHT statement. For frame-specific estimates, the data should be weighted by AW_A, the frame-specific analysis weight. The only estimate option requested is MEANS, which requests the computation of weighted means and their standard errors for all variables on the VAR statement. The TABLES statement specifies the cross-tabulations for which estimates are to be calculated. The variables on the TABLES statement must be listed in the SUBGROUP statement and their number of levels provided on the LEVELS statement. The estimates are printed by specified instructions using the SETENV and PRINT options. The data are also output to an ASCII file using the OUTPUT option. For purposes of SUDAAN analyses, consistency codes for features such as legitimate skips, missing, or refusals must be set to either a meaningful value (e.g., 0, 1) or to a SAS missing (e.g., ".").

The following example shows the SUDAAN program used to generate the estimates in Tables 4.4 and 4.4SE of this report.

```
1    PROC DESCRIPT DATA="[GBHOME]EXAMPLE" FILETYPE=SAS DESIGN=WR
        MEANS;
2    NEST VESTR VEREP;
3    WEIGHT AWGAMA_A;
4    VAR MRJFLAG1 MRJYR1 MRJMON1;
5    SUBGROUP SEX1 CATAGE1C RACE1 MARSTAT1 LOCATION EDUCAT1C
        EMPSTAT1;
6    LEVELS 2 3 4 3 3 3 4 ;
7    TABLES SEX1 CATAGE1C RACE1 MARSTAT1 LOCATION EDUCAT1C
        EMPSTAT1;
8    SETENV LINESIZE=80 PAGESIZE=60 DECWIDTH=5 COLWIDTH=10
        LABWIDTH=25;
9    PRINT NSUM MEAN SEMEAN/NSUMDEC=0 STYLE=NCHS;
10   OUTPUT MEAN SEMEAN NSUM / FILETYPE_ASCII REPLACE
        FILENAME="[GBHOME]TABLE4_4" MEANFMT=F10.5 SEMEANFMT=F10.5
        NSUMFMT=F8.0;
11   TITLE "TABLE 4.4 - MARIJUANA";
```

Table 4.4 Marijuana Use, by Demographic Characteristics and Time Period

| | Period of Marijuana Use (%) | | |
Demographic Characteristic[1]	Lifetime	Past Year	Past Month
Total	75.8	37.5	16.3
Sex			
Male	78.6	41.5	17.5
Female	66.7	24.5	12.6
Age group			
12-25 years	69.8	30.7*	9.5
26-34 years	88.1	49.6	20.0
35+ years	68.2	30.2	15.6
Race/ethnicity[2]			
White	66.1	32.8	16.0*
Black	79.8	40.1	17.0
Hispanic	49.1*	22.3*	11.6*
Marital status			
Single	79.9	41.8	20.3
Married	62.8*	22.9*	3.7*
Divorced/widowed	70.7	32.9	11.9
Location[3]			
DC	78.9	41.0	16.3
Maryland	77.2*	39.6*	27.0*
Virginia	59.6	18.7	6.5
Adult education[4]			
Less than high school	70.9	37.6	18.1
High school graduate	81.6	38.1	13.4
Any college	76.2	38.1*	19.5*
Current employment[4]			
Full-time	79.0	50.0	24.3*
Part-time	85.3	40.6*	10.9*
Unemployed	76.7	35.1	16.8
Other[5]	58.7*	28.1	8.5*

*Low precision.

[1]Standard errors are given in Table 4.4SE.

[2]The category "other" for race/ethnicity is not included.

[3]The District of Columbia Metropolitan Statistical Area (DC MSA) includes the District of Columbia; the Maryland counties of Calvert, Charles, Frederick, Montgomery, and Prince Georges; the Virginia counties of Arlington, Fairfax, Loudoun, Prince William, and Stafford; and the Virginia cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park.

[4]Data on adult education and current employment are not applicable for persons aged 12 to 17.

[5]Retired, disabled, homemaker, student, or "other."

Source: 1991 NIDA DC*MADS Homeless and Transient Population Study.

Table 4.4SE   Standard Errors for Table 4.4:   Marijuana Use, by Demographic
               Characteristics, by Time Period

Period of Marijuana Use (%)

Demographic Characteristic[1]	Lifetime SE	Past Year SE	Past Month SE
Total	2.3	3.6	3.4
Sex			
Male	2.7	4.1	4.1
Female	4.8	4.6	4.3
Age Group			
12-25 years	5.3	6.4*	3.5
26-34 years	2.5	5.2	5.4
35+ years	3.5	4.1	3.7
Race/ethnicity			
White	4.6	5.9	5.7*
Black	2.4	4.1	3.2
Hispanic	12.1*	11.4*	10.7*
Marital status			
Single	2.8	5.0	5.1
Married	7.3*	7.2*	2.3*
Divorced/widowed	3.6	5.5	4.1
Location			
DC	2.7	4.6	4.1
Maryland	6.4*	8.7*	10.8*
Virginia	3.4	2.7	2.8
Adult education			
Less than high school	3.6	5.3	5.1
High school graduate	3.7	4.9	3.4
Any college	5.3	7.1*	7.7*
Current employment			
Full-time	4.2	5.2	6.1*
Part-time	3.5	10.7*	4.8*
Unemployed	3.3	4.5	4.3
Other	6.8*	5.8	4.0*
Total unweighted (n)	(903)	(899)	(899)

*Low precision.

-- Not applicable.

[1]See Table 4.4 for main estimates and definitions.

Source: 1991 NIDA DC*MADS Homeless and Transient Population Study.

Appendix F

REFERENCES

American Psychiatric Association. (1987). <u>Diagnostic and statistical manual of mental disorders (DSM-III-R)</u> (3rd ed., revised). Washington, DC: Author.

Barrett, D.F., Anolik, I., & Abramson. F.H. (1992, August). <u>The 1990 census shelter and street night enumeration.</u> Paper presented at the annual meeting of the American Statistical Association, Boston.

Breakey. W.R., Fischer, P.J., Kramer, M., Nestudt, G., Romanoski, A.J., Ross, A., Royall, R.M.. & Stine, O.C. (1989). Health and mental health problems of homeless men and women in Baltimore. <u>Journal of the American Medical Association</u>, 262, 1352-1357.

Burnam. A., Koegel. P., & Duan. T.S. (1990). <u>LA study of mental illness among homeless people</u> (1990 NIMH grant application). Santa Monica, CA: RAND Corporation.

Burt, M.R. (1992). <u>Over the edge: The growth of homelessness in the 1980s</u>. New York, NY: Russell Sage Foundation.

Burt, M.R., & Cohen, B.E. (1988). <u>Feeding the homeless: Does the prepared meals provision help?</u> (FNS Report to Congress, October 31,1988). Washington, DC: The Urban Institute.

Burt, M.R., & Cohen, B.E. (1989). <u>America's homeless: Numbers, characteristics, and programs that serve them</u> (Urban Institute Report 89-3). Washington, DC: The Urban Institute.

Centers for Disease Control. (1990). Summary of notifiable diseases, United States: 1989. Morbidity and Mortality Weekly Report, 38(54), 13-50.

Chaiken, J.M., & Chaiken, M.R. (1990). Drugs and predatory crime. In M. Tonry & J.Q. Wilson (Eds.), <u>Drugs and crime: Crime and justice. a review of research</u> (Vol. 13, pp. 203-239).

Cohen, S.B., Xanthopoulos. J.H., & Jones, G.K (1986). An evaluation of available software for the analysis of complex survey data. In <u>Proceedings of the Section on Survey Research Methods, American Statistical Association.</u> Washington, DC: American Statistical Association.

Collins, J.J., & Zawitz, M.W. (1990, April). <u>Drugs and crime data: Federal drug data for national policy</u> (NCJ 122715). Washington, DC: U.S. Department of Justice, Office of Justice Programs, Bureau of Justice Statistics.

Cowan, C.D., Breakey, W.R., & Fischer, P.J. (1988). <u>The methodology of counting the homeless. In Homelessness. health. and human needs</u> (Institute of Medicine) (pp. 169182). Washington, DC: National Academy Press.

Davidson, D. (1991). A snap shot survey of hard to serve homeless clients in Northern Virginia. Fairfax, VA: Northern Virginia Coalition for the Homeless.

Dennis, M. L. (1991). Changing the conventional rules: Surveying homeless people in nonconventional locations. <u>Housing Policy Debate</u>, 2, 701-732.

Dennis, M.L.. & lachan. R. (1991). Sampling issues in estimating the extent of alcohol, drug abuse and mental illness problems. In C. M. Taeuber (Ed.), <u>Enumerating homeless persons: Methods and data needs</u> (pp. 188-191). Washington, DC: Bureau of the Census, U.S. Department of Commerce.

Dennis, M.L., & lachan, R. (1992). Sampling people who are homeless: Implications of multiple definitions and sampling frames. In <u>Proceedings of the Section on Survey Research Methods of the American Statistical Association</u>. Alexandria, VA: American Statistical Association.

Dennis, M.L.. lachan, R.. Thornberry, J.S., & Bray, R.M. (1991). The RTI method: Sampling over time. In C. M. Taeuber (Ed.), <u>Enumerating homeless persons: Methods and data needs</u>, (pp. 167-170). Washington, DC: Bureau of the Census, U.S. Department of Commerce.

Dockett. KH. (1989). Street homeless people in the district of Columbia: Characteristics <u>and services needs</u> (Department of Agriculture Grant No. DC-0128-N). Washington, DC: DC Agricultural Experiment Station and Department of Psychology, University of the District of Columbia.

Etheridge. R.M., Dennis, M.L., Lubalin, J.S., & Schlenger, W.E. (1989). <u>Implementation evaluation design for NIMH McKinnev mental health services demonstration projects for homeless mentally ill adults</u> (4 vols., Contract No. 282-88-0019). Research Triangle Park, NC: Research Triangle Institute.

Farr, R.K., Koegel. P., & Burnam, A. (1988). <u>A studs of homelessness and mental illness jn the skid row area of Los Angeles</u> (NIMH Grant No. 1NRMH 384809-01). Los Angeles: Los Angeles County Department of Mental Health.

Federal Task Force on Homelessness and Severe Mental Illness. (1992). <u>Outcasts on main street</u> (DHHS Publication No. ADM 92-1904). Washington, DC: Interagency Council on the Homeless.

Fischer, P.J. (1989). Estimating the prevalence of alcohol, drug and mental health problems in the contemporary homeless population: A review of the literature. Contemporary Drug Problems: An Interdisciplinary Quarterly, 16, 333-390.

Flewelling, R.L., Rachal, J.V., & Marsden, M.E. (1992). Socioeconomic and demographic correlates of drug and alcohol use: Findings from the 1988 and 1990 National Household Surveys on Drug Abuse (DHHS Publication No. ADM 92-1906). Rockville, MD: National Institute on Drug Abuse, Division of Epidemiology and Prevention Research.

Flyer, P., & Mohadjer, L. (1988). <u>The WESVAR procedure</u>. Rockville, MD: Westat, Inc.

Food Security Act of 1985. Pub. L. 99-198, 99 Stat. 1354 (December 23,1985).

Fuller, WA. (1986). <u>PC CARP</u>. Ames, IA: Statistical Laboratory, Iowa State University,

Gelberg, L. & Linn. L.S. (1989). Assessing the physical health of homeless adults. Journal of the American Medical Association, 262,1973-1979.

General Accounting Office. (1988). Homeless mentally ill: Problems and options in estimating numbers and trends (Publication No. GAO/PEMD-88-24). Gaithersburg, MD: Author.

Gfroerer, J.C. (1992, August). Overview of the National Household Survey on Drug Abuse. Paper presented at the annual meeting of the American Statistical Association, Boston.

Hamilton, Rabinovitz, & Alschuler, Inc. (1987). The changing face of misery: Los Angeles' skid row area in transition (4 vols., Community Redevelopment Agency of Los Angeles). Los Angeles: Author.

Haverkos, H.W., & Lange, W.R. (1990). Serious infections other than human immunodeficiency virus among intravenous drug abusers. Journal of Infectious Diseases, 1, 894-902.

Huebner, R.B., & Crosse, S.B. (1991). Challenges in evaluating a national demonstration program for homeless persons with alcohol and other drug problems. New Directions for Program Evaluation, 52, 33-46.

Hunger Prevention Act (HPA) of 1988. Pub. L. 100-435,102 Stat. 1645 (September 19, 1988).

Iachan, R. (1989). Sampling in time and space. In Proceedings of the Section on Survey Research Methods of the American Statistical Association (pp. 636-640). Alexandria, VA: American Statistical Association.

Iachan, R., & Dennis, M.L. (1991). The design of homeless surveys. In Proceedings of the Section on Survey Research Methods of the American Statistical Association (pp. 181-185). Alexandria, VA: American Statistical Association.

Institute of Medicine, Committee on Health Care for Homeless People. (1988). Homelessness, health. and human needs. Washington, DC: National Academy of Sciences.

Interagency Council on the Homeless, (1991). The 1990 annual report of the Interagency Council on the Homeless. Washington, DC: Author.

Iezzoni, L.I., S.M. Foley, J. Daley. J. Hughes, E.S. Fisher, & T. Heeren. (1992). Comorbidities, complications, and coding bias. Journal of the American Medical Association, 267, 2197-2203.

James, F.J. (1991). Counting homeless persons with surveys of users of services for the homeless. Housing Policy Debate, 2, 733-753.

Johnson, T.P., & Barrett, M.E. (1991). Homelessness and substance use in Cook Counts (prepared for Department of Alcoholism and Drug Abuse, State of Illinois). Urbana, IL: Survey Research Laboratory, University of Illinois.

Katzman. R., Brown, T., Fuld, P., Peck, A., Schecter, R., & Schimmel, H. (1983). Validation of Shortl orientation-memory-concentration test of cognitive impairment. American Journal of Psychiatry, 140, 734-739.

Koegel. P., Burnam, MA., & Farr, R.K (1990). Subsistence adaptation among homeless adults in the inner city of Los Angeles. <u>Journal of Social Issues.</u> 46, 83-107.

Lessler, J.T. (1992. August). <u>The National Household Survey on Drug: Abuse methodological field test</u>. Paper presented at the annual meeting of the American Statistical Association, Boston.

McLellan, A.T., Luborsky, L., Cacciola, J., Griffith. J., McGahan. P., & O'Brien C.P. (1985). <u>Guide to the Addiction Severity Index Background, administration, and field testing results</u> (DHHS Publication No. ADM 85-1419). Rockville, MD: National Institute on Drug Abuse.

Milburn, N.G., Booth, J.A., & Miles, S.E. (1990). <u>Correlates of drug and alcohol abuse among homeless adults in shelters</u> (final report). Washington, DC: Institute for Urban Affairs and Research, Howard University.

National Institute on Drug Abuse. (1990). <u>National Household Survey on Drug Abuse: Main findings 1988</u> (DHHS Publication No. ADM 90-1682). Rockville, MD: Author.

National Institute on Drug Abuse. (199Ia). <u>National Household Survey on Drug Abuse: Highlights 1990</u> (DHHS Publication No. ADM 91-1789). Rockville. MD: Author.

National Institute on Drug Abuse. (199Ib). <u>National Household Survey on Drug Abuse</u>: Main <u>findings 1990</u> (DHHS Publication No. ADM 91-1788). Rockville, MD: Author.

National Institute on Drug Abuse. (1992). <u>Prevalence of Drug use in the DC metropolitan area household population: 1990</u> (DHHS Publication No. ADM 92-1919). Rodrville. MD: Author.

New York City Commission on the Homeless. (1992). <u>The way home: A new direction in social policy</u>. New York, NY: Author.

Research Triangle Institute. (1990). <u>Software for Survey Data Analysis (SUDAAN) Version 5.30</u>. Research Triangle Park, NC: Author.

Rieger, D.A., Farmer, M.E., Rae, D.S., Locke, B.Z.. Keith, S.J., Judd, L.L.. & Goodwin, F.K. (1990). Comorbidity of mental disorders with alcohol and other drug abuse: Results from the epidemiologic catchment area (ECA) study. <u>Journal of the American Medical Association</u>, 264, 2511-2518.

Ringwalt. C., & Iachan, R. (1990). <u>Design summary of proposed study to estimate the characteristics of runaway and homeless youths</u> (Contract No. 105-90-1703, Administration for Children, Youths, and Families). Research Triangle Park, NC: Research Triangle Institute.

Robertson, M.. Piliavin, I., & Westerfelt, H. (1990). <u>Alameda County study of mental illness among homeless adults and families</u> (1990 NIMH grant application). San Francisco, CA: Alcohol Research Group.

Rossi, P.H. (1989). <u>Down and out in America: The origins of homelessness</u>. Chicago, IL: The University of Chicago Press.

Rossi, P.H., Fischer, G.A., & Willis, G. (1986). <u>The condition of the homeless of Chicago</u> Amherst, MA, and Chicago, IL: Social and Demographic Research Institute and NORC.

Santiago, J.M., Bachrach, L.L., Berren, M.R., & Hannah, M.T. (1988). Defining the homeless mentally ill: A methodological note. <u>Hospital and Community Psychiatry,</u> 39,1,100-1,101.

Sosin, M., Colson, P., & Grossman, S. (1988). <u>Homelessness in Chicago: Poverty and pathology, social institutions and social changes</u>. Chicago: Chicago Community Trust.

Spinner, G.F., & Leaf, P.J. (1992). Homelessness and drug abuse in New Haven. <u>Hospital and Community Psychiatry, 43,166-168</u>.

Stewart B. McKinney Homeless Assistance Act, Pub. L. No. 100-77 (July 22, 1987).

Susser, E., Struening, E.L., & Conover, S. (1989). Psychiatric problems in homeless men: Lifetime psychosis, substance use, and current distress in new arrivals at New York City shelters. <u>Archives of General Psychiatry</u>, 46, 845-850.

Taeuber, C.M., & Siegel, P.M. (1991). Counting the nation's homeless population in the 1990 census. In C.M. Taeuber (Ed.), <u>Enumerating homeless persons: Methods and data needs</u> (pp. 92-122). Washington, DC: Bureau of Census, U.S. Department of Commerce.

U.S. Bureau of the Census. (1992). [District of Columbia metropolitan statistical area counts for emergency shelters and visible street locations: 1990 Census of Population and Housing]. Unpublished table. Washington, DC: Author.

U.S. DHHS Poverty Income Guidelines, 56 Fed. Reg. 34, 6859-6861 (February 20,1991).

Vernez. G.. Burnam, MA., McGlynn, T.S., & Mittman, B.S. (1988). <u>Review of California's program for the homeless mentally disabled</u> (R-3631-CDMH). Santa Monica, CA: RAND Corporation.

Wolter, KM. (1985). <u>Introduction to variance estimation</u>. New York, NY: Springer-Verlag.