

**Alcohol and Drug Services Study  
(ADSS), 1996-1999: [United States]**

*United States Department of Health and  
Human Services. Substance Abuse and  
Mental Health Services Administration.  
Office of Applied Studies*

Codebook for Part 5: Phase II Early Dropout  
Abstract



## **Terms of Use**

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

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



**\*\*\*Processor Notes\*\*\***  
**ADSS 1996-1999**

1. Published statistics, including a few variables in this codebook, may not be exactly reproducible from the data in the public use file due to the disclosure protection procedures that were implemented.
2. The Data File User's Manuals provided in the codebooks contain references to SAS transport databases originally created by the data producers. To provide the data to users in a format that is neither system nor platform specific, the data files are in ASCII text format with SAS and SPSS data definition statements. Additionally, the number of variables found in the data files differ from the original number of variables cited by the data producers. The unweighted frequencies provided in the codebooks correspond to the data files.
3. In the Client Abstract data files, for the variable A62, "TEST RESULTS", the abstractor's instructions were to code "1 = Positive (leave blank if negative or not applicable)". Accordingly, negative test results were combined with inapplicable responses that are coded as -9. Any analysis of this series will be affected by this combining of negative and inapplicable responses.
4. In the Client Abstract data files, a new variable was created for A65 by the data producers: "TREATMENT EPISODES IN THE LAST 12 MONTHS". Therefore the questionnaire and variable information do not match. The new variable provides the number of treatment episodes in the prior 12 months, rather than a dichotomous response to whether or not the respondent had any treatment during this timeframe.
5. Disclosure analysis was performed on the ADSS files by SAMHDA, resulting in modifications to the data. These are explained in the following section, "Confidentiality Protection".
6. The Phase I facility public use file includes 2394 of the original 2395 records. One facility's record was deleted due to the presence of outlying data that could potentially identify the facility.
7. The Stratified Jackknife Factor files for Phase I and Phase II/III list values for the jackknife replication factors for use with the SUDAAN and WesVar statistical software only. These files are not intended for use with other statistical packages.
8. The Stratified Jackknife Factor files are space-delimited ASCII data files containing 1 record each. A detailed description of the use of these files is included in this codebook.
9. The jackknife factors are in the order expected by WesVar. The first factor corresponds to the first replicate, the second corresponds to the second replicate, and so on to the 200th factor, which corresponds to the 200th replicate.
10. The Phase I Finite Population Correction file contains the finite population correction factors (FPC) for use with the WesVar and SUDAAN statistical software only. The space-delimited ASCII data file contains 200 records and 1 variable. This file is not intended for use with other statistical packages.
11. The FPCs are in the order expected by WesVar. The first FPC corresponds to replicate 1, the second FPC to replicate 2, and so on to the 200th FPC, which corresponds to the 200<sup>th</sup> replicate.

## **Confidentiality Protection**

Disclosure analysis for the ADSS files was conducted by the Substance Abuse and Mental Health Data Archive (SAMHDA). Measures taken to protect the confidentiality of the ADSS facility and client records included (1) using microaggregation for problematic variables, (2) deleting direct identifier variables such as facility name, and (3) recoding variables. The disclosure protection procedures allow nearly all of the data to be publicly released, take into consideration the most likely analytic uses of the data, and ensure the confidentiality of both facilities and clients.

## **Microaggregation**

Microaggregation as applied to ADSS involved identifying problematic variables, sorting records by the first problematic variable, grouping records into three based on their value for this variable, averaging the values for each grouping, and applying the average to the records in each group. This was repeated for each of the problematic variables, which included the client count and financial data found in the Phase I Facility File. Cells with values of zero were excluded from microaggregation.

Microaggregation is a recoding method in which each variable has a set of ranges defined for it. For each variable, the range replaces each true record value. Such ranges (recodes) are usually defined summarily, irrespective of the data; in microaggregation the data themselves determine the ranges. The values most impacted by this approach are likely to be outliers or the values at either tail of a distribution. In other types of disclosure procedures, however, those values would be suppressed or top- or bottom-coded, which typically distorts the data substantially more than microaggregation (e.g., \$500,000; \$678,000; and \$1,750,000 would become “\$500,000 or more”). Microaggregation was preferable to these other methods because it allows statistics such as measures of central tendency to be run (e.g., to obtain average client counts and revenues), which are likely to be of interest to researchers. Researchers may want to categorize the ADSS data in performing their own analyses. Microaggregation allows them to do this in whatever way works best for them, without attempting to pre-determine the categories that would work for the most analysts.

The steps involved in the microaggregation were to:

1. Identify the problematic variables.
2. Microaggregate the variables identified, excluding values of zero.
3. Recalculate variables as necessary, based on the variables that were microaggregated.

Two Phase I variables were microaggregated: total substance abuse treatment revenue (D7) and total clients in all types of care on October 1, 1996 (B1J2). The total treatment revenue (D7) was carried forward to two additional variables (D8TOT and D12D). All of these “total revenue” variables provided the same data and respondents were instructed to copy the D7 total to D8TOT and D12D. All three of these variables were treated as microaggregated variables in determining the impact to the data.

The microaggregated variables were included in tables in the facility questionnaire that specified breakdowns of total revenue and client counts (the B1, B2 and D8 tables). Therefore, it was necessary to address the problem of having columns within the tables add correctly. Each cell within these tables represents a different variable. The totals were microaggregated and the number in each cell was recalculated by applying the relative percentage of the total for each cell. Totals were microaggregated, rather than sub-parts of the tables because all records had totals but not all records had valid numbers in the other cells in the tables. The more records that are microaggregated, the more closely the records are likely to cluster and the less impact there is to the data. These tables included 191 variables.

The only change to the Phase II Administrator file was the carrying over of the total substance abuse treatment revenue value from Phase I. This is Q52 in the Phase II file. No changes were made to the client files, other than the deletion of administrative variables and variables such as date of birth.

The ADSS Cost Study included a computerized desk audit to check for consistency and accuracy of data previously collected in the Phase I Facility and Phase II Administrator files. Three post-audit Cost Study variables were microaggregated: NB12, ND7, and NQ52. Related variables were recalculated based on the microaggregated data.

## **Results of Microaggregation**

In order to assess the impact to the data, for the microaggregated and recalculated variables, the cells that changed more than five percent in either direction were calculated as a percentage of valid cells (including zero) and as a percentage of total cells. Because a large number of valid values in the data are zero, we also calculated the cells that changed more than five percent as a percentage of non-missing and non-zero cells. We included all three revenue variables as microaggregated, though the original values for all three variables were the same. The results are provided in Table 1 and show that less than one percent of the non-missing and non-zero microaggregated variables changed more than five percent, while 3.6 percent of the recalculated variables changed more than five percent. Of all valid cells (including zero) for microaggregated variables, less than one percent changed more than five percent while fewer than two percent of the recalculated variables did so.

For the ADSS Cost Study, means by facility type were compared pre- and post-microaggregation. Change in means by facility type ranged from -2.9 percent to +2.1 percent. Overall changes in means were negligible, which is the intended result of micro-aggregation.

**Table 1. Overall effects of microaggregation and recalculation.**

| PHASE I FACILITY FILE                        |                 |               |
|--|-----------------|---------------|
|  | Microaggregated | Recalculated  |
| Number of Variables                          | 4               | 191           |
| Record Count                                 | 2,394           | 2,394         |
| Cells w/valid data (non-missing, non-0)      | 9,546           | 92,544        |
| Cells w/missing data                         | 0               | 289,062       |
| Cells w/ data value=0                        | 30              | 75,648        |
| Total cells                                  | 9576            | 457,254       |
| Change of > +/- 5%                           | 82              | 3,304         |
| Percentage (non-missing/non-0 cells)         | 0.859%          | 3.570%        |
| <b>Percentage (valid cells, including 0)</b> | <b>0.856%</b>   | <b>1.964%</b> |
| Percentage (total cells)                     | 0.856%          | 0.723%        |

We further examined the impact to the data by comparing pre- and post-microaggregation ratios and means and by running a regression model on the pre- and post-microaggregated data to determine if significance results were comparable between the files.

*Means* were obtained by type of care and facility ownership for the microaggregated variables. The percent change in the means of these variables by both type of care and facility ownership ranged from zero to .9 percent, as shown in Tables 2 and 3. For the three total revenue variables that were impacted by microaggregation, the results are exactly the same for each variable. Therefore, only the result for one of these variables (D7) result is reported.

**Table 2. Pre- and Post-Microaggregation Means By Type of Care.**

| PHASE I FACILITY FILE             |                                  |         |       |           |           |                     |               |
|-----------------------------------|----------------------------------|---------|-------|-----------|-----------|---------------------|---------------|
| TYPCARE5 Type of care             |                                  | Valid N |       | Mean      |           | Absolute Difference | Percent Diff. |
|                                   |                                  | Before  | After | Before    | After     |                     |               |
| 1 Hospital Inpatient Only         | D7 Total subs abuse trt revenue  | 203     | 203   | 2658584.5 | 2680711.7 | 22127.3             | 0.8%          |
|                                   | B1j2 Total clients all care 10/1 | 203     | 203   | 18.4      | 18.4      | 0.0                 | -0.1%         |
| 2 Non - Hospital Residential Only | D7 Total subs abuse trt revenue  | 428     | 428   | 1176859.6 | 1169983.6 | -6876.0             | -0.6%         |
|                                   | B1j2 Total clients all care 10/1 | 428     | 428   | 43.8      | 43.8      | 0.0                 | 0.0%          |
| 3 Outpatient Methadone Only       | D7 Total subs abuse trt revenue  | 324     | 324   | 924848.3  | 924933.8  | 85.5                | 0.0%          |
|                                   | B1j2 Total clients all care 10/1 | 324     | 324   | 251.8     | 251.9     | 0.1                 | 0.0%          |
| 4 Outpatient Non -Methadone Only  | D7 Total subs abuse trt revenue  | 1083    | 1083  | 424329.1  | 424517.7  | 188.6               | 0.0%          |
|                                   | B1j2 Total clients all care 10/1 | 1083    | 1083  | 148.3     | 148.8     | 0.6                 | 0.4%          |
| 5 Combination Facilities          | D7 Total subs abuse trt revenue  | 356     | 356   | 1885023.6 | 1880021.3 | -5002.3             | -0.3%         |
|                                   | B1j2 Total clients all care 10/1 | 356     | 356   | 188.1     | 186.4     | -1.8                | -0.9%         |

**Table 3. Pre- and Post-Microaggregation Means By Type of Facility Ownership.**

| PHASE I FACILITY FILE                 |                                  |         |       |           |           |                     |                    |
|---------------------------------------|----------------------------------|---------|-------|-----------|-----------|---------------------|--------------------|
| A_6 A6. Type Of Ownership Of Facility |                                  | Valid N |       | Mean      |           | Absolute Difference | Percent Difference |
|                                       |                                  | Before  | After | Before    | After     |                     |                    |
| 1 Private For-Profit Organization     | D7 Total subs abuse trt revenue  | 498     | 498   | 833230.4  | 838088.3  | 4858.0              | 0.6%               |
|                                       | B1j2 Total clients all care 10/1 | 498     | 498   | 145.2     | 146.4     | 1.3                 | 0.9%               |
| 2 Private Non-Profit Organization     | D7 Total subs abuse trt revenue  | 1478    | 1478  | 1040034.7 | 1037923.1 | -2111.5             | -0.2%              |
|                                       | B1j2 Total clients all care 10/1 | 1478    | 1478  | 127.8     | 128.4     | 0.6                 | 0.5%               |
| 3 City / County Government Agency     | D7 Total subs abuse trt revenue  | 249     | 249   | 1023422.0 | 1026405.5 | 2983.5              | 0.3%               |
|                                       | B1j2 Total clients all care 10/1 | 249     | 249   | 183.9     | 178.0     | -5.9                | -3.2%              |
| 4 State Government Agency             | D7 Total subs abuse trt revenue  | 95      | 95    | 1349593.9 | 1355634.6 | 6040.8              | 0.4%               |
|                                       | B1j2 Total clients all care 10/1 | 95      | 95    | 103.1     | 103.1     | 0.0                 | 0.0%               |
| 5 Federal Government Agency           | D7 Total subs abuse trt revenue  | 63      | 63    | 2056990.0 | 2046533.0 | -10457.0            | -0.5%              |
|                                       | B1j2 Total clients all care 10/1 | 63      | 63    | 224.1     | 223.3     | -0.8                | -0.4%              |
| 6 Tribal Government                   | D7 Total subs abuse trt revenue  | 11      | 11    | 809306.2  | 813274.0  | 3967.8              | 0.5%               |
|                                       | B1j2 Total clients all care 10/1 | 11      | 11    | 68.2      | 67.9      | -0.3                | -0.4%              |

The *regression* model used the revenue variable “Other government funds” (D8G) as the dependent variable. This is a limited dependent variable in that roughly 86 percent of the 2394 programs in the sample database have an actual or implied zero (0) value for the amount of government funding. Therefore, an ordinary linear regression analysis of the full data is not appropriate and four regression analyses were tested. All analyses were done in STATA and incorporate the global sample weight variable (PH1FW0); however, the analysis did not include design effects for stratification. The data set was prepared with replicate weights for Balanced Repeated Replication analysis of complex sample design standard errors. This would require the use of Wesvar PC 4.0, which does not permit estimation of one of the models evaluated. Estimated coefficients computed in weighted analysis using STATA will exactly match those from the full analysis based on the complex sample design; however, the standard errors of the coefficients (shown in Table 6) are likely to be slight underestimates of the standard errors that would be obtained in an analysis that also included the stratification and weighting effects for the sampling of programs.

Model 1: Ordinary least squares regression on only the cases that have a nonzero amount for the government revenue variable. There are n=322 cases in this analysis.

Model 2: Ordinary least squares regression on only the cases that have a nonzero amount for the government revenue variable. The dependent variable is the natural log of the original non-zero government revenue amount. There are n=322 cases in this analysis.

Model 3: A Logistic regression model to analyze the probability that a program receives government revenue for its services. There are n=2394 cases in this analysis.

Model 4: A Tobit regression model for the left-censored (zero) dependent variable. There are n=2394 cases in this analysis.

Table 4 presents the results comparing the fit of each of these four models to the data before and after the microaggregation disclosure protection, showing that the regression model coefficients and the interpretation of the significance of the associated effects are quite robust against the microaggregation “blurring” of the data.

**Table 4. Regression Model Test of ADSS Microaggregation.**

| Independent | Model 1   |                              |                    |                              | Model 2   |                              |                    |                              |
|-------------|---|------------------------------|--------------------|------------------------------|---|------------------------------|--------------------|------------------------------|
|             | Ordinary Least Squares Regression <sup>1</sup><br>(D8G > 0) |                              |                    |                              | Ordinary Least Squares Regression <sup>1</sup> of<br>log(D8G) , (D8G > 0) |                              |                    |                              |
|             | Before  |                              | After              |                              | Before  |                              | After              |                              |
|             | <u>Coefficient</u>  | <u>Std. Err.</u> <b>Sig.</b> | <u>Coefficient</u> | <u>Std. Err.</u> <b>Sig.</b> | <u>Coefficient</u>  | <u>Std. Err.</u> <b>Sig.</b> | <u>Coefficient</u> | <u>Std. Err.</u> <b>Sig.</b> |
| b1a2        | 31439.38  | 5053.35 ***                  | 44674.75           | 5980.03 ***                  | 0.035   | 0.012 **                     | 0.050              | 0.013 ***                    |
| b1a2        | 3099.88   | 1736.91                      | 3973.33            | 2092.24                      | 0.019   | 0.004 ***                    | 0.017              | 0.005 ***                    |
| b1h2        | 4025.55   | 785.49 ***                   | 3957.97            | 794.05 ***                   | 0.006   | 0.002 **                     | 0.005              | 0.002 **                     |
| B1i2        | 613.88  | 333.15                       | 804.65             | 375.48 *                     | 0.001   | 0.001                        | 0.003              | 0.001 ***                    |
| a_4a        | 138645.11   | 92014.76                     | 137918.6           | 114406.31                    | 1.368   | 0.226 ***                    | 1.435              | 0.254 ***                    |
| a_4b        | -228279.2   | 114701.11 *                  | -212349.1          | 123279.31                    | -1.889  | 0.281 ***                    | -1.834             | 0.273 ***                    |
| a_4c        | 5409.22   | 55629.13                     | 25567.77           | 100308.21                    | 0.245   | 0.136                        | 0.151              | 0.222                        |
| a_61        | -606374.9   | 1852.5.31 ***                | -565913.7          | 192445.71 ***                | -0.394  | 0.454                        | -0.425             | 0.426                        |
| a_62        | -653998.5   | 132995.11 ***                | -614072.1          | 14086.11 ***                 | -1.017  | 0.325 **                     | -0.909             | 0.311 **                     |
| cons        | 792361.51   | 226134.81 ***                | 671953.4           | 250034.61 ***                | 11.591  | 0.555 ***                    | 11.512             | 0.554 ***                    |

Note<sup>1</sup>: (n = 322 cases)

| Independent | Model 3   |                              |                    |                              | Model 4   |                              |                    |                              |
|-------------|---|------------------------------|--------------------|------------------------------|---|------------------------------|--------------------|------------------------------|
|             | Logistic Regression <sup>2</sup> for Probability that<br>D8G > 0 (reciency) |                              |                    |                              | Model 4: Tobit Regression <sup>2</sup> of D8G<br>(left censored at 0) |                              |                    |                              |
|             | Before  |                              | After              |                              | Before  |                              | After              |                              |
|             | <u>Coefficient</u>  | <u>Std. Err.</u> <b>Sig.</b> | <u>Coefficient</u> | <u>Std. Err.</u> <b>Sig.</b> | <u>Coefficient</u>  | <u>Std. Err.</u> <b>Sig.</b> | <u>Coefficient</u> | <u>Std. Err.</u> <b>Sig.</b> |
| b1a2        | 0.032   | 0.004 ***                    | 0.026              | 0.004 ***                    | 22977.19  | 4808.56 ***                  | 24239.69           | 5458.15 ***                  |
| b1d2        | -0.001  | 0.001                        | 0.001              | 0.001                        | -474.53   | 957398                       | -717.39            | 1249.77                      |
| b1h2        | -0.001  | 0.001                        | -0.001             | 0.001                        | -2677.04  | 656.78 ***                   | -2871.59           | 711.08 ***                   |
| b1i2        | 0.001   | 0.001 ***                    | 0.001              | 0.001 *                      | 196.36  | 273.47                       | 8.01               | 306.83                       |
| a_4a        | -0.277  | 0.045 ***                    | -0.502             | 0.062 ***                    | -196275   | 64173.82 **                  | -384277.9          | 99917.98 ***                 |
| a_4b        | -0.001  | 0.061                        | -0.062             | 0.067                        | 160943.2  | 90743.59                     | 172378.9           | 108183.21                    |
| a_4c        | 0.125   | 0.051 *                      | 0.353              | 0.057 ***                    | -28987.88   | 61549.37                     | 83193.49           | 90762.26                     |
| a_61        | -0.298  | 0.092 ***                    | -0.286             | 0.093 ***                    | -915518.5   | 152452.7 ***                 | -874209            | 164155.81 ***                |
| a_62        | -0.093  | 0.078                        | -0.104             | 0.079                        | -343161.6   | 104227.3 ***                 | -330899.4          | 114515.41 ***                |
| cons        | -1.567  | 0.127 ***                    | -1.519             | 0.156 ***                    | -925699.8   | 190982.8 ***                 | -943137            | 245463.31 ***                |

Note<sup>2</sup>: (n = 2394 cases)

- \*significant at the .05 level
- \*\*significant at the .01 level
- \*\*\*significant at the .001 level

## **Deletions**

Any variables that could specifically identify a facility were removed from the file. These included variables such as facility name and address, facility director's name, name and address of parent organization, and National Master Facility Index (NMFI) identifiers. Also deleted were administrative variables such as interviewer initials and date and time of the interview and the "other, specify" variables that were provided as verbatim responses and had not been numerically coded. Client date of birth was also removed. One record was deleted from the Phase 1 facility file because it was either an extreme outlier or the revenue data had been coded or entered incorrectly.

## **Recodes**

In addition to the variables that were recoded due to the microaggregation procedures, some variables were recoded to make them more analytically useful. For example, time intervals such as length of time for treatment, were recoded to a standard unit (e.g., a variable with responses of days, weeks, or months was recalculated to days). This was not possible for all time units because some variables had response options that could not be reduced to a standard unit such as *sessions*, days, weeks, etc. Also, records were randomized and facility and client identification numbers were removed and replaced with sequential IDs, retaining the linkages between the files.

The codes for substance abuse and mental health disorders based on the Diagnostic and Statistical Manual of Mental Disorders (DSM) criteria were recoded from the raw DSM codes into groups that made this variable more analytically useful. Table 7 shows the recoded diagnostic categories.

**Table 7. Diagnosis recodes**

| <u>ORIGINAL CODES</u> | <u>RECODES</u>               |
|-----------------------|------------------------------|
| 0.00                  | 0 No Diagnosis               |
| 291.00-291.99         | 1 Alcohol-induced Disorder   |
| 292.00-292.99         | 2 Substance-induced Disorder |
| 303.00-303.89         | 3 Alcohol Intoxication       |
| 303.90-303.99         | 4 Alcohol Dependence         |
| 304.00-304.09         | 5 Opioid Dependence          |
| 304.20-304.29         | 6 Cocaine Dependence         |
| 304.30-304.39         | 7 Cannabis Dependence        |
| 304.10-304.19         | 8 Other Substance Dependence |
| 304.40-304.99         |                              |
| 305.10-305.19         |                              |
| 305.00-305.09         | 9 Alcohol Abuse              |
| 305.20-305.29         | 10 Cannabis Abuse            |

(continued)

| <b><u>ORIGINAL CODES</u></b>   | <b><u>RECODES</u></b>                              |
|--|--|
| 305.30-305.49<br>305.70-305.99   | 11 Other Substance Abuse                           |
| 305.50-305.59  | 12 Opioid Abuse                                    |
| 305.60-305.69  | 13 Cocaine Abuse                                   |
| 293.89<br>300.00-300.02<br>300.21-300.23<br>300.29-300.39<br>308.30-308.39<br>309.81               | 14 Anxiety Disorders                               |
| 296.20-296.39<br>300.40-300.49<br>311.00-311.09  | 15 Depressive Disorders                            |
| 293.81-293.82<br>295.00-295.99<br>297.10-297.19<br>298.80-298.89<br>297.30-297.39<br>298.90-298.99 | 16 Schizophrenia/Other Psychotic Disorders         |
| 296.00-296.09<br>296.40-296.79<br>296.80, 296.89<br>301.13   | 17 Bipolar Disorders                               |
| 312.80-312.81<br>312.90-312.99<br>313.81<br>314.00-314.01<br>314.90-314.99                         | 18 Attention Deficit/Disruptive Behavior Disorders |
| All other codes  | 19 Other Mental Health Condition                   |
| .01-289.99<br>320-997.99<br>V- and E-codes   | 20 Other Condition                                 |
| Missing  | -9 Missing   |



**ALCOHOL AND DRUG SERVICES STUDY (ADSS)**

**USER'S MANUAL FOR THE  
ADSS PHASE II DATA FILES**

Submitted to Brandeis University

by Westat

Under SAMHSA Prime Contract Number 283-92-8331

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## USER'S MANUAL FOR THE ADSS PHASE II DATA FILES

### 1. INTRODUCTION

The Alcohol and Drug Services Study (ADSS), sponsored by the Substance Abuse and Mental Health Services Administration (SAMHSA), was conducted by the Schneider Institute for Health Policy at Brandeis University in Waltham, Massachusetts and by Westat in Rockville, Maryland.

ADSS is a national survey of substance abuse treatment facilities and clients. The objective of ADSS was to collect detailed information on the characteristics of substance abuse treatment facilities and on clients discharged from those facilities. The data will be used to develop better estimates of client length of stay and the costs of treatment and to describe the post-treatment status of clients. ADSS is the continuation of the 1990 DSRS and SROS surveys and provides more detailed information on the organization of the national treatment system and the clients in treatment. ADSS consists of three phases: (1) a facility-based telephone interview with a representative sample of about 2,400 substance abuse treatment facilities; (2) a record-based survey of clients where client-level information was collected on a sample of over 5,000 clients discharged during a 6-month period; and (3) followup personal interviews with the sample of clients and a comparison group to determine post-treatment status in terms of substance use, economic status, criminal justice status, and further substance abuse treatment episodes. Urine testing was conducted to validate self-report of drug use.

This manual documents the Phase II data files and provides guidance on using the file to produce national estimates. For a discussion of the project methodology, refer to the **ADSS Methodology Report**.<sup>1</sup>

Phase I involved a telephone interview to collect data from a national sample of 2,395 substance abuse treatment facilities selected from SAMHSA's National Master Facility Inventory of known facilities. Phase I facility interviews were conducted from December 1996 through June 1997. The questionnaire included point-prevalence data from October 1, 1996 and annual data for the most recent 12-month period for which data were available. The questionnaire was mailed to the facilities about 2 weeks before they were contacted by telephone to collect the information, allowing the facility staff the time necessary to obtain answers to the questions before being asked to provide the answers over the telephone. See the **ADSS Methodology Report** for the survey methodology for Phase I.

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<sup>1</sup> Alcohol and Drug Services Study (ADSS) Methodology Report. (2000). US DHHS Substance Abuse and Mental Health Services Administration (SAMHSA).

Phase II, which involved site visits to a sample of 280 of the facilities that participated in Phase I, was conducted from August 1997 through April 1999. The visit included an in-person interview with the facility director or administrator, compilation of a sampling frame and selection of a sample of client records, and collection of client-level data from the sample of client records at each facility. In total, client-level data were collected for 6,720 clients. These included 5,005 clients discharged from treatment between February 1997 and December 1998 and 925 in-treatment methadone clients who were enrolled at the facility on the day of the administrator interview. The remaining 790 abstracts were for an early dropout comparison group. See the **ADSS Methodology Report** for more detailed survey methodology for Phase II.

Phase III involved followup interviews with selected Phase II clients who could be located between February 1998 and May 1999.

This manual is organized into four chapters and seven appendixes. The first chapter is this introduction. The second chapter provides an overview of the study methodology. The third chapter provides a high-level description of the ADSS Phase II data files. The fourth chapter provides guidance on how to calculate estimates and associated variances using the sampling weights. Appendix A is a copy of the Phase II Administrator Interview Questionnaire. Appendix B is a detailed codebook that documents each variable in the ADSS Phase II Administrator Interview File and provides an unweighted frequency distribution for each variable. Appendix C is similar to Appendix B, but contains weighted frequency distributions. Appendix D is a copy of the Phase II Client Record Abstract Form. Appendixes E, F, and G are detailed codebooks with unweighted frequency distributions documenting Abstract Files for different groups of clients: Main/Incentive Study clients (Appendix E), In-Treatment Methadone clients (Appendix F) and Early Drop Outs (Appendix G).

## 2. OVERVIEW OF THE ADSS PHASE II STUDY METHODOLOGY

Phase II of ADSS had two major components: interviews with administrators of sampled facilities and abstraction of client records sampled from these facilities.

The ADSS Phase II facility sample is nationally representative of the major modalities and settings of substance abuse treatment in the nation, but hospital inpatient facilities and facilities that treat alcohol-only clients exclusively were excluded. Also, because of overlap with other studies, data collection issues, or a judgment that they were not a form of treatment, halfway houses without paid counselors, solo practitioners, jails/prisons, military/Department of Defense (DoD), Indian Health Service, and facilities that are intake and referral only were also excluded.

The ADSS Phase II abstract sample has four components: a main study, an incentive study, an in-treatment methadone study, and a comparison study of early dropout clients (EDO). Abstracts for the Main Study, Incentive Study, and early dropout study were selected from lists of clients discharged within the last 6 months prior to the Administrator Interview. Abstracts for the in-treatment methadone study were selected from lists of current clients on a point prevalence sample date. There were minor differences in information abstracted among the four components, (for example, in-treatment methadone abstractors did not have to complete information on discharge status or post-treatment referral), but for the most part, the abstraction procedures for all four components were the same.

**Main Study.** Data were collected from discharge abstracts to assess the treatment process and characteristics of discharged clients in nonhospital residential, outpatient methadone and outpatient nonmethadone treatment. In Phase III, Main Study clients were offered \$15 to complete the interview and \$10 to submit a urine sample. The outpatient nonmethadone Main Study clients later became the \$15/\$10 group for the Incentive Study.

**Incentive Study.** ADSS included an Incentive Study that was designed to evaluate the impact of different financial payments on client response rates, response bias, and sample bias in Phase III. The array of payment groups were (interview/urine): 0/0, 0/\$10, \$15/\$10 (Main Study), \$25/\$10. The Incentive Study collected data only for clients in outpatient nonmethadone treatment. As there were no sampling or operational differences between outpatient nonmethadone clients in the Main and Incentive Study components, data were combined for these clients for Phase II abstract analyses.

**In-Treatment Methadone Client Study (ITMC).** Records were abstracted for in-treatment methadone clients to analyze the treatment process in Phase II.

**Comparison Study of Early Drop Out Clients (EDO).** Discharge records were abstracted for outpatient nonmethadone clients who left treatment after no more than a single day or visit. The Main Study, Incentive Study, and in-treatment methadone study were based on probability samples while the EDO study was based on a nonprobability sample of client records.

## **2.1 Sampling**

Phase II sampling consisted of three stages. First, the country was partitioned into approximately 400 geographical primary sampling units (PSUs) and a representative sample of 62 were selected on basis of demographic and economic characteristics. Within these 62 PSUs, a stratified subsample of 306 Phase I responding facilities was selected using a probability proportional to size (PPS) design. The last stage in Phase II consisted of random samples of discharges or methadone in-treatment clients being chosen from within the selected facilities.

### **2.1.1 Facility Sampling**

The initial Phase II sampling frame consisted of the 2,395 eligible respondents to Phase I reduced by geographic subsampling and two exclusionary criteria.

The ADSS Phase II sample includes facilities from 62 geographic primary sampling units (PSUs). ADSS used an existing frame of all U.S. counties grouped into approximately 400 PSUs, stratified on the basis of demographic and economic characteristics. The ADSS 62 PSU sample consists of all 24 large metro PSUs, 26 other metro PSUs, and 12 nonmetro PSUs. The large metro PSUs represented the 24 largest metropolitan standard areas (MSA) in the country. These unique geographic areas were all included in the first stage of Phase II to ensure representativeness of the sample. The remaining ADSS PSUs were selected with probability proportionate to the population. Phase I respondents whose ZIP Code placed them outside the 62 PSUs were excluded from Phase II. This resulted in a clustered sample which improved the efficiency of onsite data collection activities at facilities.

The sampling strata for Phase I included facilities with hospital inpatient care (stratum 1); nonhospital residential facilities (stratum 2); all outpatient facilities for which the percent of methadone clients was greater than or equal to 60 percent (stratum 3); outpatient facilities for which the percent of alcohol-only clients was greater than or equal to 70 percent (stratum 4); all other outpatient facilities that did not fall into stratum 3 or stratum 4 (stratum 5); and all facilities that had any other combinations of types of care defined above, but not included in the previous strata (stratum 6).

The Phase II sampling frame excluded facilities in which 100 percent of the clients were treated for alcohol abuse, and all stratum 1, hospital inpatient facilities. After excluding facilities based on geographic subsampling and exclusionary criteria, there were 1,052 facilities eligible for Phase II. Since there was a time gap between the completion of the Phase I interview and Phase II data collection, some facilities that were functioning during Phase I operations closed by the time they were contacted for Phase II. Phase I facilities that closed before March 1, 1997 were considered ineligible for Phase II.

The Phase II sample consisted of 306 facilities. The Main Study sample consisted of 186 facilities from strata 2, 3, 4, 5, and 6. The incentive sample included 120 facilities from strata 4 and 5. The stratum 3 sampled facilities were the basis for the ITMC study. Large cooperative Phase II facilities from strata 4, 5, and 6 were used for the early dropout comparison study.

For each sampled Phase II facility, a shadow facility was also assigned. The shadow facility replaced its corresponding original sample facility if the original facility was eligible for the study but failed to cooperate or had closed. Shadows were assigned to originally selected facilities based on the approximate matches between the two on the following linking variables: analytic stratum, type of PSU, census region, type of ownership, and the Phase II overall probability of selection of the facility (a function of the number of clients). Sixty of 294 eligible facilities refused to participate in Phase II. Forty-six of the 60 shadows selected to replace these original refusals agreed to participate in the study.

### **2.2.1 Abstract Sample**

Once facilities were selected for Phase II, the facility administrators were interviewed, client treatment episodes were listed and sampled, and the corresponding treatment records abstracted. A sample of all client discharges from the most recent 6-month period was randomly selected from each Main Study and Incentive Study facility, and clients' data were recorded on abstract forms. For stratum 3 facilities (treating primarily methadone clients), a sample of all currently in-treatment methadone clients

was also randomly selected for the ITMC Study. Within the comparison study facilities, a nonprobability sample of early dropout clients was selected.

The discharge events were sampled only after the facility completed the Phase II Administrator Interview. Every eligible discharge during the 6-month reference period was included on the list of discharges to be sampled. For the purposes of ADSS, a substance abuse treatment client was a person who was admitted to substance abuse treatment in the sample facility and the discharge date was at least one day after the admission date. For nonhospital residential clients, the person must have spent one night in treatment. For outpatient clients, the person must have made at least one visit to the treatment facility after the intake/admission process and must have received substance treatment as part of the sampled episode.

Persons whose treatment episode was clearly limited exclusively to mental health, family counseling, or other non-substance abuse services were not considered substance abuse treatment clients for purposes of ADSS, even though they may have had a previous history of substance abuse treatment. The client must have been the substance abuser himself or herself and not a family member or other person receiving services in relation to the substance abuser (a codependent or collateral). Discharged clients were substance abuse clients, as defined above, who ended treatment in some way during the facility's specified 6-month period, regardless of when they were admitted. This included substance abuse clients who:

- Were formally discharged upon completion of treatment;
- Dropped out of treatment or otherwise failed to return;
- Were terminated by the facility (for non-compliance with rules, lack of payment, termination of type of care, etc.);
- Were incarcerated and ended treatment;
- Died;
- Were transferred to another facility, thereby ending their treatment at the sampled facility; or
- Ended treatment in any other way at the sampled facility during the 6-month reference period.

The second sample group consisted of in-treatment methadone clients (ITMC) who were receiving treatment as of the day that the Administrator Interview (index day) occurred. The methadone clients were sampled from all outpatient methadone main study facilities. An in-treatment methadone client was eligible for the ADSS study if he or she was enrolled in an outpatient methadone program on

the index day, regardless of whether he or she actually appeared at the facility to get methadone or other treatment.

The third sample group, the comparison group clients, were early dropout (EDO) discharges. After the probability sample at these facilities was completed, a return visit was made to the facility to identify and abstract early dropout clients who had been discharged during the 6-month reference period prior to the return visit. Early dropout clients were defined as clients who had been through assessment or intake battery but completed no more than 1 day or one session of treatment (i.e., the person may never have shown up for any treatment).

The reference period for the discharge-sample group, a rolling sampling period, included the last full 6 months prior to the date of the facility administrator interview. The reference period for the early dropout comparison group was the comparable 6-month window prior to the date of the return visit to the facility for the purpose of drawing the comparison group sample.

## **2.2 Instrument Development**

The data collection design for Phase II required the use of three principal data collection instruments: an Administrator Interview questionnaire, a Client Record Abstract form, and a Client Locator Module. Data from the first two of these instruments is reflected in the files documented in this manual. The design of these instruments is discussed in Section 3 of the ADSS Phase II Methodology Report.

## **2.3 Data Preparation**

Survey data were recorded on paper forms by the interviewers and abstractors. The completed forms were double-key entered and verified. A detailed series of automated range and logic checks were performed to ensure that the data were internally consistent. Questionable values were checked against the hard-copy documents and corrected as necessary.

## 2.4 Weighting

Phase II weights, facility and abstract, were constructed for the entire Phase II sample based on type of care (residential, outpatient methadone, or outpatient nonmethadone), but without regard to Main Study/Incentive Study classification. Facility level weights are provided on the Phase II Administrator Interview File. Abstract level weights are provided on the Phase II main study abstract file and on the Phase II in-treatment methadone abstract file. The Phase II early dropout abstract file is not weighted.

### 2.4.1 Facility Level Weights for the Phase II Administrator Interview File

Facility level weights for the Administrator Interview File are processed in the following steps:

- Facility base weights;
- Raking procedure;
- Trimming procedure;
- Additional adjustment to the methadone domain; and
- Replication procedure (stratified jackknife) for variance estimation purposes.

#### 2.4.1.1 Facility Base Weights

The Phase II facility sample consisted of two components: original facilities and shadows. Each shadow facility is assigned the base weight of the original facility it replaces. Original facility base weights are computed as the reciprocal of the probability of selection of the facility Phase II. A facility's probability of selection into Phase II is the product of its probability of selection into Phase I, the probability of selection of its PSU into the PSU sample used for Phase II, and the facility's conditional probability of selection into Phase II given its PSU and Phase I selections. As constructed, facility base weights account for nonsampled PSUs and for nonsampled facilities within sampled PSUs. Such weights are appropriate for providing estimates from probability samples via the standard Horvitz-Thompson estimation method (see Cochran, 1977).

#### 2.4.1.2 Raking

A weight adjustment procedure called ‘raking’ was used to reduce both variability in resulting estimates and nonresponse bias. In raking, sampling weights are adjusted so that weighted totals within cells equal control totals based on some more reliable source, in this case the larger ADSS Phase I sample. The assumption is that forcing weighted totals to equal more reliable values at the cell level reduces variability and bias of other estimates which correlate with any of the factors used to define cells. Raking addresses nonresponse and removes the need for any other form of nonresponse adjustment.

In the raking adjustment done for ADSS Phase II, four factors were used to define cells:

- Urbanicity (metro, nonmetro);
- Type of ownership (private for profit, private nonprofit, public);
- Categorized number of clients (100 or less, more than 100) using the Phase I reported number of clients on October 1, 1996; and
- Type of treatment (based on Phase I)/certainty of PSU.

This last factor contains seven levels defined as:

- Offered residential only;
- Offered methadone only and was located in a certainty PSU;
- Offered methadone only and was located in a noncertainty PSU;
- Offered outpatient nonmethadone only;
- Offered a combination of treatment types, but did not offer methadone;
- Offered a combination of treatment types, including methadone, and was located in a certainty PSU; and
- Offered a combination of treatment types, including methadone, and was located in a noncertainty PSU.

The control totals used in raking were the number of facilities within defined cells as estimated in Phase I, after removing hospital inpatient facilities (analytic stratum 1) and facilities with 100 percent alcohol clients (as determined by the Phase I questionnaire). The raking process stopped when the specified number of iterations was reached or when a stopping rule based on absolute differences between iterations was satisfied. The absolute difference limit in order to stop was set at 1 for the full sample

weights and 10 for the replicate weights. Convergence was reached in six iterations for the full sample and four for the replicates.

#### **2.4.1.3 Trimming Weights**

Weight trimming is the pragmatic operation of reducing the disproportionately high weights of a few overly influential facilities. In moderation, trimming is an acceptable protection against a small set of facilities having too much impact on estimates in a study, but trimming does introduce bias into an analysis and should be held to a minimum.

In Phase II of ADSS, facility weights were trimmed if they contributed more than 10 percent of a trimming group's sum of weights, or more than 10 percent of a trimming group's sum of weighted number of discharges. The trimming groups were defined in this case by the types of care offered as recorded on the Phase II Administrator Interview. Using these criteria, two Phase II facilities had their weights trimmed. One facility offering outpatient nonmethadone care only had its facility weight reduced to 10 percent of the sum of weights for all outpatient nonmethadone-only facilities. The remaining weight was distributed among all outpatient nonmethadone-only facilities. In a second case, the single Phase II combination facility offering methadone treatment had its weight trimmed to equal the Phase I estimate of the country's total number of combination facilities offering methadone treatment. The remaining weight was distributed among other combination facilities.

#### **2.4.1.4 Adjustment to Methadone Domain Weights**

An additional adjustment to the weights was implemented on the set of facilities that offered methadone treatment only. It was necessary to trim a relatively large weight that resulted from the raking procedure. The weight was trimmed so that it would contribute less than 18 percent to the weighted sum across methadone-only facilities. The excess or trimmed-off weight was redistributed to the facilities of the same domain proportionate to their weights prior to this stage. The resulting trimming factor was computed as the ratio of the resulting weight after trimming to the weight before trimming (i.e., raked weight). For all other domains, the trimming factor is equal to one.

#### 2.4.1.5 Final Facility Weights

The final facility weights are a product of the facility base weight and each of the adjustment factors. The final weight (F2FWA0) can be used to estimate means, totals, proportions of facility characteristics, client characteristics, and so forth.

#### 2.4.2 Weights for the Phase II Abstract Files

The main and incentive discharge abstract (MIDA) data from the combined sample of facilities were analyzed together in Phase II. The ITMC abstract data were analyzed separately. Therefore, the estimation process for Phase II analyses of abstracts involved generating the following sets of sampling weights:

- Final abstract weights for the Phase II MIDA and
- Final abstract weights for the Phase II ITMC.

The general weighting process was similar for each sample. The following are the general stages of weighting the abstracts.

- Abstract base weights;
- Adjustment for noncompleted abstracts; and
- Trimming procedure.

The comparison group abstracts (i.e., early dropout discharges) were collected through a nonprobability-based sample and, therefore, sampling weights were not appropriate. See the **ADSS Methodology Report** for a discussion of the abstract weighting procedure.

#### 2.4.2.6 Variance Estimation

Replicate Phase II facility weights were created to support a stratified jackknife approach for estimating the variances of facility level statistics. Replicate abstract weights were similarly constructed to support a jackknife approach for estimating abstract level variances. Construction of replicate weights began by first defining variance units and variance strata. A variance unit comprised a first-stage

sampling (FSS) unit or group of FSS units. A variance stratum was related to the sampling strata from which the FSS units were selected.

The facility level replicate weights were created by systematically dropping one variance unit from the full sample and reweighting the reduced sample within the variance stratum aligned with the dropped variance unit. Seventy-eight replicates were formed by systematically forming reduced samples and reweighting accordingly.

The replicate weights relating to the Phase II abstracts were constructed following the same steps implemented for the full sample abstract weights. That is, the replicate base weights for the abstracts were created as the product of the final facility replicate weights and the reciprocal of the within-facility abstract sampling rates. The process continued with adjusting each replicate base weight for noncompleted abstracts and, lastly, trimming. Chapter 4 describes how to use the replicate weights to compute appropriate variance estimates.

### 3. ADSS PHASE II SURVEY DATA FILES

The following data files contain the ADSS Phase II Questionnaire data and supplementary data useful in constructing national estimates from the questionnaire data:

- P2ADMIN.XPT: SAS transport data set containing the SAS file P2ADMIN (280 records), which contains the responses to the Phase II Administrator Questionnaire.
- P2ABSREV.XPT: SAS transport data set containing the three Phase II Abstract Files:
  - P2ABSTM: Phase II Discharge Abstracts (Main and Incentive Study) (5,005 records)
  - P2ABSTI: Phase II In-treatment Methadone Abstracts (925 records)
  - P2ABSTE1: Phase II Early Dropout Discharge Abstracts (790 records)
- JKN\_FAC2.DAT: Stratified jackknife factors (JKN) (1 record, 78 values). It is formatted for used with the WesVar Complex Samples program.

Each of these files is described briefly below.

#### 3.1 Phase II Administrator Interview

The Phase II Administrator Interview File is a SAS transport dataset named P2ADMIN.XPT. The internal SAS file name is P2ADMIN. It contains 280 records and has 559 variables. The file represents responses to the ADSS Phase II Administrator Interview, which is reproduced in Appendix A. Appendix B consists of a codebook fully documenting each variable. For each variable, it lists the variable's name, the valid range of values, the meaning for each categorical value, and the unweighted frequency distribution for the variable. Appendix C consists of a similar codebook, but with a weighted frequency distribution for the variable.

The unweighted frequencies are useful for quickly checking what values actually appear in the data from among the list of possible values. They can also be useful as a check that programs utilizing the file have read and processed it correctly. The unweighted frequencies, however, are not nationally representative. The weights need to be used by an analyst to obtain national representative data. Since the ADSS sample was complex, special care needs to be taken when computing variance estimates. Chapter 4 discusses how to calculate both weighted estimates and variances.

In general, the order of the variables at the beginning of the file is the same as the order of the corresponding questions in the questionnaire. These are followed by a number of variables used in the weighting process and the Phase II Facility Final Weight (F2FWA0) and the 78 replicate weights (F2FWA1 - F2FWA78). The replicate weights are followed by a number of additional variables that were used in the sampling stage. The Phase II Facility Final Weight (F2FWA0) should be used when making projections to national estimates.

The file is sorted by the variable FACID, the ADSS facility identifier. FACID can be used to link records in this file to records in other ADSS files.

### 3.2 Phase II Abstract Files

The Phase II Abstract Files are contained in a SAS transport dataset named P2ABSREV.XPT. The internal SAS file names, number of records, and number of variables for the three files contained in the transport dataset are summarized in Table 3-1.

Table 3-1. Abstract file names, descriptions, record counts, and variable counts

| SAS file name | Description                                | Number of records | Number of variables |
|---------------|--|-------------------|---------------------|
| P2ABSTM       | Discharge Abstracts (Main/Incentive Study) | 5,005             | 414                 |
| P2ABSTI       | In-treatment Methadone Abstracts           | 925               | 414                 |
| P2ABSTE1      | Early Dropout Discharge Abstracts          | 790               | 321                 |

These files represent the data collected on the Phase II Client Record Abstract Form for each sampled client. A copy of the form is included as Appendix D.

The Discharge Abstracts File and the In-treatment Methadone File have more variables because they are weighted, while the Early Dropout File is not weighted. Other than that, the layout of the three files is identical. In general, the order of the variables at the beginning of each file is the same as the order of the corresponding items in the abstract form. These are followed by a number of variables

used for sampling the abstracts and a small number of derived variables. The derived variables include:

- AGE\_CALC – The calculated age at admission;
- LOS – The length of stay in days;
- TRT\_DUR – The treatment duration in days;
- DRUG – Whether or not drug use was mentioned in the client record;
- ALCOHOL – Whether or not alcohol use was mentioned in the client record;
- DRUG\_ALC – Whether the client was an alcohol client, a drug client, or both; and
- TXCARE – The type of care that the client received.

The weights and weighting variables come at the end of the two weighted files. For the Main Study and Incentive Study, the variable A2TWA0 is the abstract final full sample weight. It should be used to make estimates at the national level. There are 78 abstract replicate weights (A2TWA1 - A2TWA78). For the in-treatment methadone study, the variable A2TWT0 is the abstract final full sample weight. It should be used to make estimates at the national level. There are also 78 abstract replicate weights on this file. They are name A2TWT1 through A2TWT78.

The three files are sorted by CLIENTID, the client identifier. Since the first part of CLIENTID is also the facility identifier, the files are also sorted by FACID, the facility identifier. CLIENTID can be used to link records to the Phase III data files. FACID can be used to link records to the Phase I data files.

### **3.3 Phase II Stratified Jackknife Factor (JKN)**

The Phase II Stratified Jackknife Factor file is a space-delimited ASCII file named JKN\_FAC2.DAT. It lists values for the jackknife replication factors required for use of the jackknife procedure in Wesvar. See Chapter 4 for a detailed description of the use of this file.

The jackknife factors are in the order expected by WesVar. The first factor corresponds to the first replicate, the second corresponds to the second replicate, and so on to the 78th factor, which corresponds to the 78th replicate.



#### **4. CALCULATING WEIGHTED ESTIMATES AND ACCOUNTING FOR THE ADSS PHASE II SAMPLE DESIGN IN VARIANCE ESTIMATION**

The sample design for the Alcohol and Drug Services Study (ADSS) consisted of a multistage stratified design. The first stage (Phase I) was a stratified probability proportionate to size (PPS) sample of facilities. Phase II consisted of multiple stages of sampling, which involved the selection of a subset of Phase I responding facilities within 62 sampled primary sampling units (PSUs) and involved the selection of client records, for abstracting. Phase III consisted of followup interviews with eligible clients selected in Phase II.

The multistage sample design for ADSS Phase II was complex and involved clustering, stratification, unequal probabilities of selection, and systematic sampling. Before the Phase II sample selection of facilities, the Phase I responding facilities were restratified based on their responses to the Phase I questionnaire. Next, the responding facilities were subset to 62 randomly selected PSUs, comprising counties or groups of counties. Subsequently, the Phase II sample of 306 facilities was selected using a stratified PPS design. In Phase II, once the facilities were selected and the facility administrators interviewed, client records were listed, sampled, and abstracted. Within all Phase II interviewed facilities, a sample of client discharge records from the most recent 6-month period was randomly selected and the data were recorded on a Phase II client record abstract form.<sup>2</sup> For predominantly methadone treatment facilities, an additional sample of in-treatment client records was also randomly selected for the In-Treatment Methadone Client (ITMC) study.

The primary objective of this chapter is to provide the reader with enough information to facilitate basic data analyses that account for the ADSS complex sample design and to use the sample weights appropriately. Two examples are provided to illustrate basic analyses using ADSS Phase II data; one is for a Table Request, and one is for a Regression Request. The examples provide the instructions needed for simple analyses for any Phase II file, excluding the data file of early dropout clients, for which no weights were created. The example of a Table Request uses P2ADMIN.XPT, the administrator interview data. The regression example uses P2ABSTM.XPT, the discharge client abstract data, which include both Main and Incentive Study discharge client abstract data. In addition, the examples instruct the analyst on how to import data files and view output. Because variance computation needs to incorporate the ADSS complex design into its calculations, standard software routines in SAS and SPSS should not be used for computing variances for ADSS.

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<sup>2</sup> Since the sample of discharge clients abstracted in Phase II was drawn from a 6-month period at each facility, estimated weighted national counts of discharges need to be multiplied by 2 to obtain annual estimates.

Replicate weights for ADSS Phase II were designed to capture the features of the ADSS sample design (e.g., effects from clustering, stratification, some effect from implicit stratification resulting from systematic sampling from a sorted list, and effects of PPS sampling),<sup>3</sup> as well as capturing the weighting effects on variance (e.g., trimming and raking for facilities and nonresponse adjustment and trimming for abstracts). A discussion is provided on how to approximate the number of degrees of freedom associated with variance estimates. Attention should be given to degrees of freedom when analyzing subgroups in ADSS data.

WesVar<sup>4</sup> is the recommended choice for calculating variance estimation in the ADSS data since the sample and replication scheme were designed with WesVar in mind. In this case, it is the recommended method for incorporating the effects of the ADSS sample design and weighting process of Phase II.

Software packages other than WesVar that provide reasonable estimates of sampling error under the ADSS complex survey design are discussed in Section 4.4. The two software packages discussed are SUDAAN<sup>5</sup> (Software for the Statistical Analysis of Correlated Data) and Stata.<sup>6</sup>

WesVar can calculate estimates of statistics such as means and proportions, along with their variance estimates. Variance estimates can be computed for complex functions of estimates, including ratios, differences of ratios, and log-odds ratios. WesVar calculates standard errors, variances, and confidence intervals for the specified survey estimates and chi-square tests of independence for two-way tables of weighted frequencies. It also computes estimated coefficients for linear and logistic regression models and performs significance testing of a subset of linear combinations of variables. For further documentation on using WesVar, please refer to the WesVar Complex Samples User's Guide.

## 4.1 Background

Many types of statistics can be estimated in WesVar. This section describes how to estimate totals, ratios/proportions, and regression parameters. Creating estimates and their standard errors is controlled in WesVar largely by specifying Table Requests. A Table Request operates by calculating

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<sup>3</sup> Replicate weights were formed under the stratified jackknife procedure (JKN).

<sup>4</sup> For more information on obtaining WesVar, contact the WesVar information line at (301) 517-2006 or send e-mail to wesvar@westat.com.

<sup>5</sup> For more information on SUDAAN, call 919-541-6602, fax 919-541-7431, or e-mail sudaan@rti.org

<sup>6</sup> For more information on Stata, call 800-782-8272, fax 979-696-4601, or e-mail stata@stata.com

weighted totals for the specified variables of interest. Additional variables can be created by manipulating these totals.

#### 4.1.1 Calculating Weighted Totals

If there are  $n$  records in the file and the variable of interest is represented by  $y$ , the population total for  $y$  is estimated by the formula

$$\hat{Y} = \sum_{i=1}^n w_i y_i \quad (1)$$

where  $w_i$  is the full sample weight and  $y_i$  is the observed value of  $y$  for the  $i$ -th unit in the sample.

Totals can be estimated for domains by specifying variables from the source variables to define the table margins (on the tables panel).

#### 4.1.2 Calculating Ratio Means and Proportions

With weighted data, the estimate of a population mean is usually found by estimating the population total and then dividing by the sum of the weights. If the mean of  $y$  in the population is represented by  $\bar{Y}$ , then the formula for the ratio estimate of this quantity is

$$\hat{\bar{Y}} = \frac{\sum_{i=1}^n w_i y_i}{\sum_{i=1}^n w_i} \quad (2)$$

If  $y_i$  is a variable with  $y_i = 1$  or  $y_i = 0$ , then the resulting quantity is an estimate of a population proportion.

In a general ratio estimate, the denominator is the weighted total for some other variable, say  $x$ . For example, let  $y$  be the number of clients in a facility and let  $x$  be the number of full-time staff in the same facility. The population ratio of the total number of clients to the total number of full-time staff,

$$R = \frac{Y}{X}$$

can be estimated by

$$\hat{R} = \frac{\sum_{i=1}^n w_i y_i}{\sum_{i=1}^n w_i x_i} \quad (3)$$

This is accomplished in WesVar using a computed statistic defined as  $RHAT=Y/X$ . The standard error of  $RHAT$ , a function of estimated ratios, is then computed. Domain analyses can also be performed for this variable by specifying table variables.

### 4.1.3 Regression

Regression facilitates fitting both linear and logistic regression models to data from surveys employing complex sample designs. A Regression Request is used to define a particular regression model, to estimate the model parameters, to test the fit of the overall model, and to test the significance of linear combinations of the independent variables in the model. Linear or logistic models can be specified on the Options panel by clicking on **Options** in the workbook tree, and selecting the dependent and independent variables of the specific model on the Models panel.

The general linear model is as follows:

$$\mathbf{Y} = \mathbf{X}\boldsymbol{\beta} + \boldsymbol{\varepsilon}$$

where  $\mathbf{Y}$  is the vector of observations for the dependent variable

$$\mathbf{Y}' = [Y_1 Y_2 \dots Y_n]$$

$\boldsymbol{\beta}$  is the vector of regression parameters

$$\boldsymbol{\beta}' = [\beta_0 \beta_1 \dots \beta_p]$$

$\mathbf{X}$  is the  $n \times (p+1)$  design matrix

$$\mathbf{X} = \begin{bmatrix} 1 & X_{11} & \dots & X_{p1} \\ 1 & X_{12} & \dots & X_{p2} \\ \vdots & & & \vdots \\ 1 & X_{1n} & \dots & X_{pn} \end{bmatrix},$$

and  $\boldsymbol{\varepsilon}$  is the vector of random errors.

$$\boldsymbol{\varepsilon}' = [\varepsilon_1 \varepsilon_2 \dots \varepsilon_n]$$

The weighted least squares estimate of  $\boldsymbol{\beta}$  is given by

$$\mathbf{b} = (\mathbf{X}'\mathbf{W}\mathbf{X})^{-1}\mathbf{X}'\mathbf{W}\mathbf{Y}$$

where  $\mathbf{W}$  is the  $n \times n$  diagonal matrix formed from the  $n \times 1$  vector of full sample weights  $\mathbf{w}' = [w_1 w_2 \dots w_n]$  associated with the  $n$  observations in the sample.

If the same weighted least squares estimation procedure is followed using the replicate weights (Section 4.1.4 for a discussion on replicate weights) instead of the full sample weights, then the corresponding replicate estimates of  $\boldsymbol{\beta}$  (denoted by  $\mathbf{b}_{(k)}$ ,  $k = 1, 2, \dots, G$ ) are obtained. An estimate of the variance-covariance matrix of  $\mathbf{b}$  is given by

$$\hat{Var}(\mathbf{b}) = c \sum_{k=1}^G (\mathbf{b}_{(k)} - \mathbf{b})(\mathbf{b}_{(k)} - \mathbf{b})' \quad (4)$$

where  $G$  is the number of replicates, and  $c$  is the constant that depends on the replication method described in Appendix A of the WesVar Complex Samples documentation.

For more, including formulae for calculating test statistics, see Appendix C of the WesVar Complex Samples documentation.

#### 4.1.4 Replication Theory

The basic idea behind replication is to select subsamples repeatedly from the whole sample, calculate the statistic of interest for each subsample, and then use the variability among these subsample or replicate statistics to estimate the variance of the full sample statistic. Different ways of creating subsamples from the full sample result in different replication methods. The subsamples are called replicates and the statistics calculated from these replicates are called replicate estimates. WesVar supports both balanced repeated and jackknife approaches.

The ADSS uses the general stratified jackknife (JKN) method. For a more detailed discussion of replication, its advantages and disadvantages, see Appendix A of the WesVar Complex Samples documentation.

The idea behind replication methods is to calculate the estimate of interest from the full sample, as well as from each subsample or replicate. The variation between the replicate estimates and the full sample estimate is then used to estimate the variance for the full sample. The variance estimator,  $v(\hat{\theta})$ , generally takes the form

$$v(\hat{\theta}) = c \sum_{g=1}^G f_g k_g (\hat{\theta}_{(g)} - \hat{\theta})^2 \quad (5)$$

where

$\theta$  is an arbitrary parameter of interest

$\hat{\theta}$  is the estimate of  $\theta$  based on the full sample

$\hat{\theta}_{(g)}$  is the  $g$ -th replicate estimate of  $\theta$  based on the observations included in the  $g$ -th replicate

$G$  is the total number of replicates formed

$c$  is a constant that depends on the replication method ( $c=1$  for Jkn method)

$v(\hat{\theta})$  is the estimated variance of  $\hat{\theta}$

$k_g$  are the JKN factors

$f_g$  are the finite population correction factors.

The JKN factors are described below and are contained in the file JKN\_FAC2.DAT. For ADSS, the file of JKN factors for Phase II and Phase III are different from JKN factors from Phase I. Contrary to Phase I, the finite population correction (FPC) factors are negligible in Phase II. The example that follows shows how the JKN factors are attached. The effect of ignoring these factors is to overstate the variance.

#### 4.1.5 Jackknife n (JKN)

The jackknife n (JKN) method can be used when the number of variance units (referred to as VarUnits in WesVar) in a variance stratum (referred to as VarStrat in WesVar) is greater than or equal to 2. Therefore, the sample design for JKN is more general than for JK2 and Balanced Repeated Replication (BRR), which requires exactly two VarUnits per stratum. The number of replicates,  $G$ , is equal to

$$\sum_{h=1}^L n_h$$

where  $L$  is the number of VarStrat and  $n_h$  is the number of VarUnits in stratum  $h$ . The maximum number of degrees of freedom is  $G-L$ . For ADSS Phase II, 78 replicates were created.

The general computations involved in forming the replicate weights in JKN were as follows. For the first replicate weight, the full sample of observations in the first VarStrat and VarUnit were multiplied by 0 and the weights associated with the other VarUnits in the same VarStrat were adjusted by  $n_h/(n_h - 1)$  to account for reducing the sample. The weights of the observations in other VarStrat were not changed. The remaining  $G-1$  replicates were formed in the same manner by systematically dropping each of the remaining VarUnits and computing the replicate weights as described for the first replicate.

The procedure generated JKN factors ( $k_g$  as shown in equation 5) that should be applied to the squared deviation of replicate  $g$  from the full sample estimate. The JKN factors are computed as  $k_g = (n_{h'} - 1)/n_{h'}$ , where  $h'$  identifies the stratum that is aligned with replicate  $g$ . Therefore, the factor for the  $g$ -th replicate weight depends on the number of unique values of VarUnit in VarStrat  $g$ .

## 4.2 About the Examples

This document contains examples that are intended to illustrate how to compute weighted estimates and standard errors for ADSS data using WesVar.<sup>7</sup> The examples are from the Phase II administrator interview data (P2ADMIN.XPT) and the Phase II discharge client abstract data (P2ABSTM.XPT). The first example uses the ADSS Phase II data from the SAS transport data set P2ADMIN.XPT and JKN factors from the file JKN\_FAC2.DAT. The example illustrates how to create a WesVar data set from a SAS transport data set, the format in which ADSS files are delivered. Additionally, it shows how to create a WesVar workbook to estimate totals and their associated variances,

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<sup>7</sup> The examples in this section assume the use of WesVar Version 3.0, which can import data from files in the following formats: SAS version 6.04 (the default), SAS transport format, SPSS for Windows, ASCII, and WesVarPC Version 2.1. Files in SAS for Windows format (extension .sd2) need to be converted to SAS 6.04 format or SAS transport format. The following SAS code provides examples of how to convert among different SAS file formats using the ADSS Phase II Administrator Interview data file.

```
libname Phase2 'c:\ADSS\Phase2\';
libname ITMCxpt xport 'c:\ADSS\Phase2\p2admin.xpt'; /* delivery transport data set */
libname ITMCxpt2 xport 'c:\ADSS\Phase2\p2admin2.xpt'; /* new transport data set */
libname ITMCv604 v604 'c:\ADSS\Phase2\';

/**** Create SAS file in current version of SAS from SAS transport data set ****/
proc copy in = ITMCxpt out = Phase2 ;
  select p2admin ; /* select ITMC data file */
run ;

/**** Create transport file from SAS data set ****/
proc copy in = Phase2 out = ITMCxpt2 ;
  select p2admin ;
run ;

/**** Create SAS version 5 file from SAS data set ****/
proc copy in = Phase2 out = ITMCv604 ;
  select p2admin ;
run ;
```

and then how to view the output from a workbook. Furthermore, the WesVar variances are compared to variances from SAS PROC MEANS. Using the data file P2ABSTM.XPT, the second example shows how a regression and an analysis of variance is created using WesVar.

#### 4.2.1 Creating the WesVar File

The first task in creating the WesVar file is to import the SAS File.

- Step 1** From WesVar's main screen, click the New WesVar Data File button or from the menu select **File ► New ► WesVar Data File**.
- Step 2** Select the file that you want to import and click **Open**. Defaults for the import data file directory and for the WesVar data file directory can be specified in WesVar's Preferences. Choose the data set P2ADMIN.XPT from the **Open** dialogue window. Browse for the folder containing the file and change the "Files of type:" to either \*.xpt (transport files) or \*.\* (all files). Any SAS for Windows files (.sd2) must be converted to .ssd or Transport files (.xpt) before being imported. Converting to a .ssd file can be done in SAS using the libname statement: libname *libref* v604 <'SAS-data-library'>. Converting to a .xpt file can be done using the libname statement: libname *libref2* xport <'SAS-data-library'>; along with the PROC COPY procedure (PROC COPY in=*libref1* out=*libref2*; select P2ADMIN; run;).

Figure 4-1 shows the WesVar Data File screen displays.

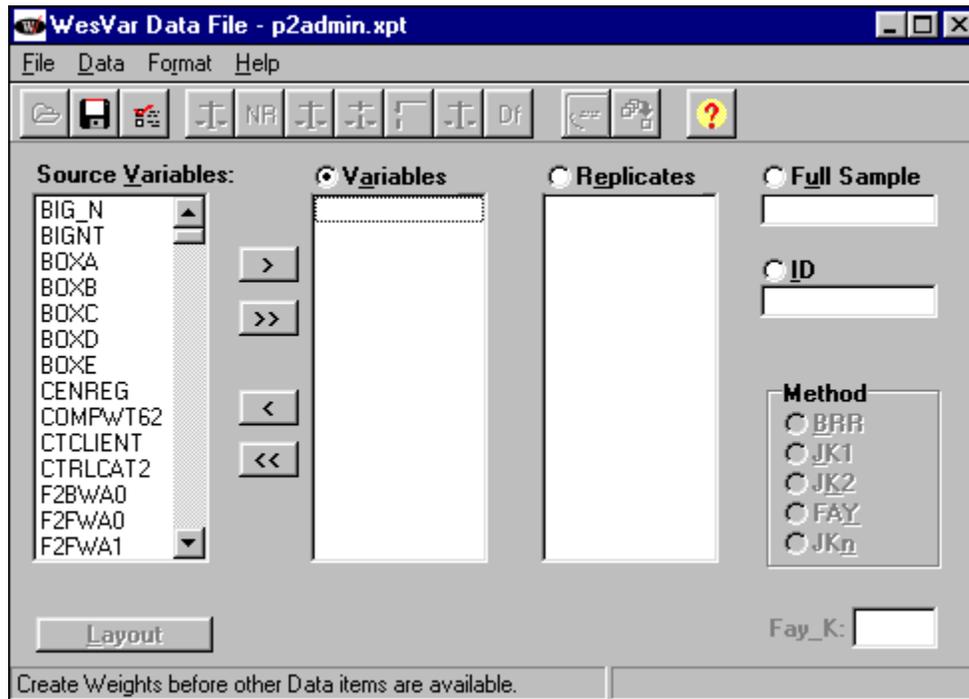


Figure 4-1. WesVar Data File Screen

On this screen you can identify variables, replicate weights, the full sample weight, ID variables, and the replication method. An ID variable is used solely to identify the case or record. If you have an ID variable and designate it as such on the WesVar Data File screen, it cannot be used in any Table or Regression request. The ID variables are retained on the WesVar data file and can be extracted later.

The left-hand column lists the source variables that were on the imported file.

- Step 3** Click the appropriate box to identify variables, replicate weights, the full sample weight, or ID variables.
- Step 4** Move variables from the Source Variables list to the appropriate box by double-clicking the variable, using the arrow buttons, or dragging.

As you move the variables, they will disappear from the left-hand column and appear in the appropriate box. It may be easiest to move the ID, Full Sample, and Replicate weights first, and then move the remaining variables simultaneously to the Variables box using the double arrow button.



Warning

**You do not have to move all of the source variables into the WesVar data file, but variables left in the Source Variables list cannot be added to the WesVar data file after it is created.**

- Step 5** For ADSS data, choose the JKN replication method by clicking on **JKN** in the Method box.
- Step 6** When all variables have been selected and moved, save the imported file as a WesVar file. From the menu select **File ► Save**. The Save As dialog box displays.
- Step 7** To save the file, either click the **Save As** icon on the toolbar or select **File ► Save** from the menu. If you are saving the file for the first time, the Save As dialog box appears. Keep the default file name “P2ADMIN” or type in a new name for the file. WesVar will convert the file from an SAS transport \*.xpt file format to a WesVar \*.var file format.

The WesVar Data File screen in Figure 4-2 shows the variables that were identified and the new file name in the title bar on the screen.

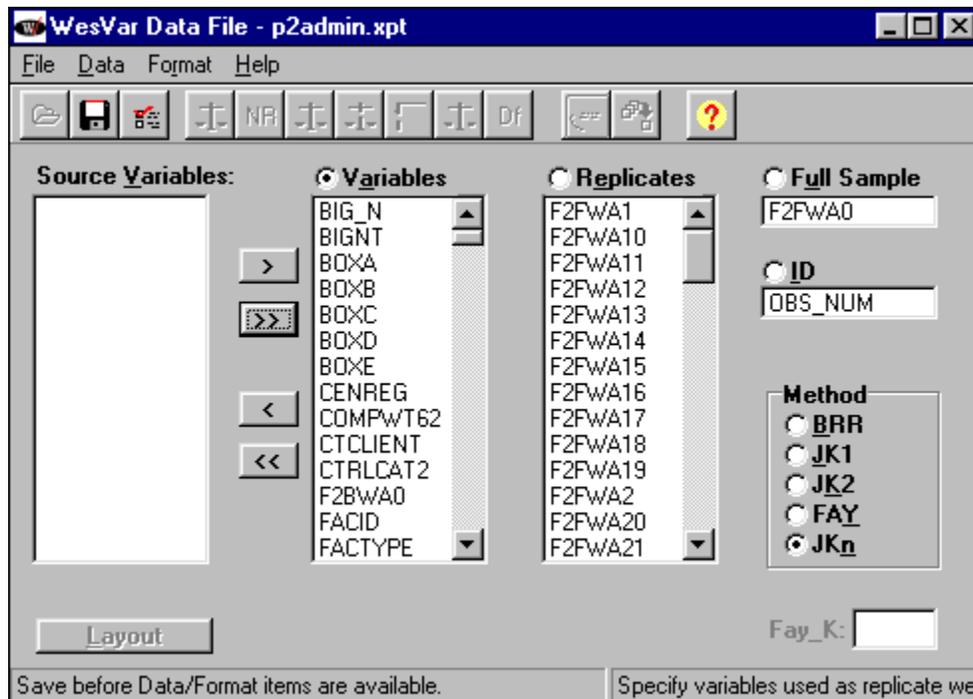


Figure 4-2. WesVar Data File with Replicates

#### 4.2.2 Attach Factors

The Attach Factors feature is an advanced way to attach FPC and JKN factors.

**To attach factors:**

- Step 1** Open a WesVar data file and from the menu select **Data ► Attach Factors**.
- Step 2** Open the external file that contains the JKN factors. Highlight the column for JKN factors, click **Open**, and select the file JKN\_FAC2.DAT. The first factor in the file is linked to the first replicate, the second factor to the second replicate, etc. There are no FPC factors in Phase II.

After these factors are imported, the screen will look like Figure 4-3.

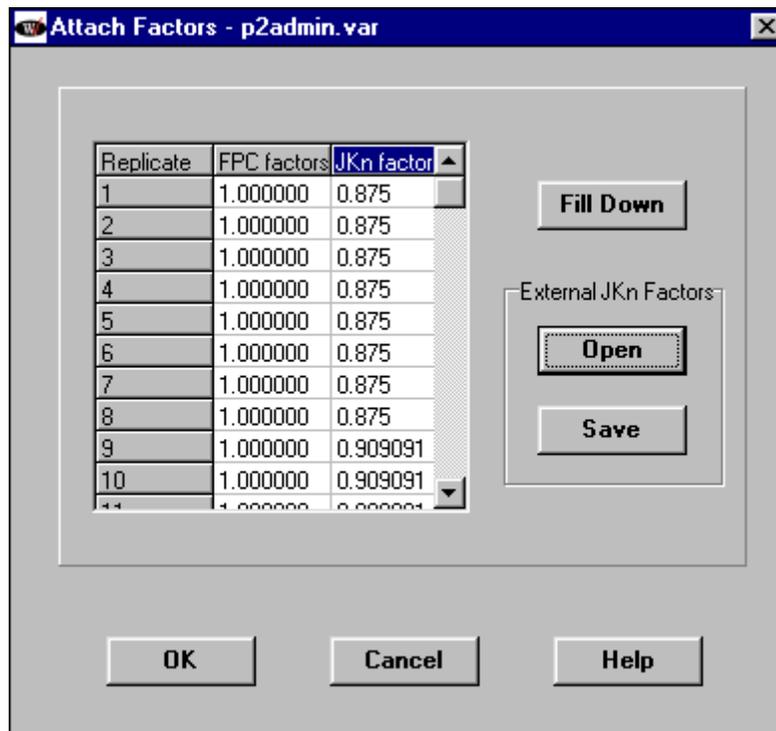


Figure 4-3. Attaching Factors

**Step 3** When all factors have been set, click **OK** then **Save**.

Your WesVar data file has now been created. Exit from the data file screen by double-clicking on the WesVar icon in the top left corner, or by selecting **File ► Close**. To use this .var file, click on **New WesVar Workbook** or select **File ► New ► WesVar Workbook**. Find the .var file you have created and click **Open**.

### 4.2.3 Creating a Table

Click on **Table** on the right side of the screen. Edit the Table Request by clicking on it and changing the name on the right side of the screen. By clicking on **Generated Statistics** and **Output Control**, you may specify options for this Table Request. For global changes, type **Ctrl-P**. To create a frequency of a discrete variable, highlight **Table** on the left side of the screen, search for and double-click on the variable of interest under **Source Variables** on the right side. It will then become selected. Click on **Add as New Entry** to incorporate the Table Request.

Suppose you want to estimate the total number of facilities and the total number of clients by treatment type (*FACTYPE*). Since the total number of facilities is estimated by the sum of weights, select the **Value** box under **Sum of Weights**. For population estimates of the number of clients, use *QI* (Total Clients all Care) and select the **Value** box under **Analysis Variables**.

In addition to population totals, WesVar allows the option of returning percentages—overall, row, and column. This is done by checking the appropriate dialog boxes on the right side of the screen of Figure 4-4.

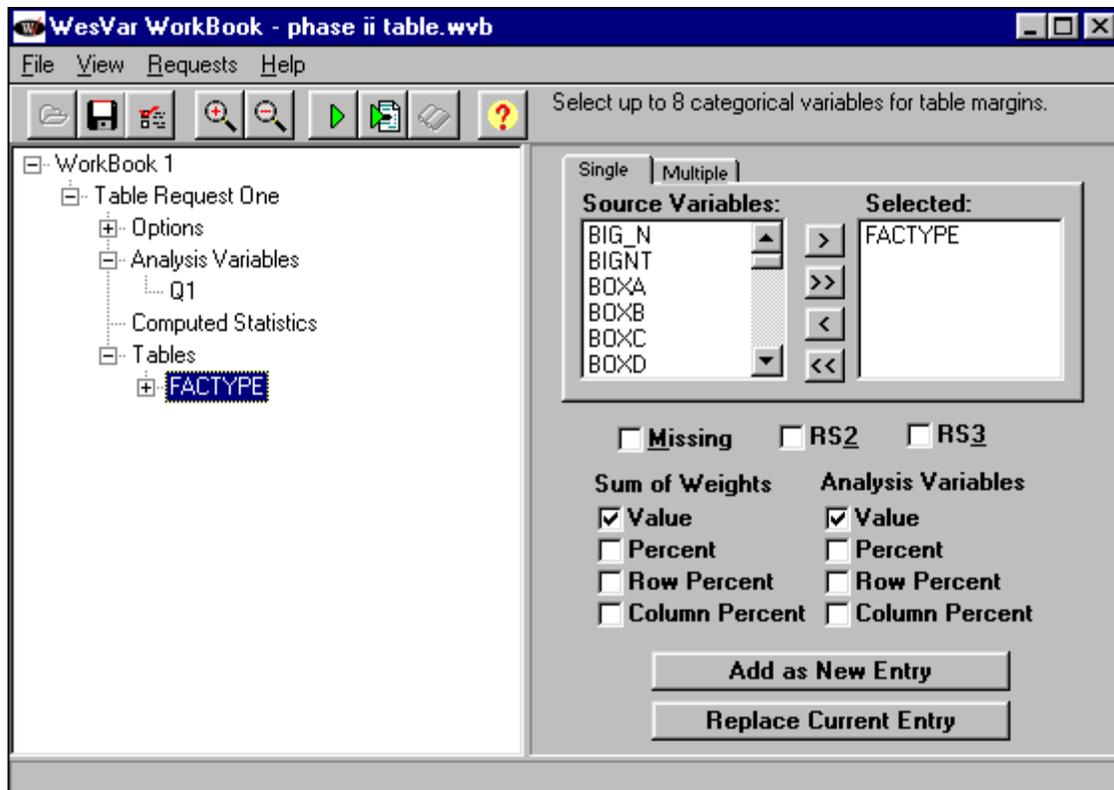


Figure 4-4. Example of Table Request

#### 4.2.4 Viewing the Output

When you have enumerated the list of tables, run the request using the green triangle button on the menu bar. When WesVar has completed the table, the icon (an open book) for viewing the table turns from gray to white. Click on the open book icon to view the output. Expand the tree on the left side of the output screen and click on *FACTYPE* (Facility Type of Care). The table appears on the right side of the screen (see Figure 4-5). Errors, if any, appear as a red exclamation point next to the name of the table, and a message at the bottom right explains the problem.

The output gives estimates of the number of facilities by type of care and total number of clients by facility type of care. Marginal values are also given to estimate the entire population.

Other values such as standard error and sample size can be reported, but they must be specified under the **Generated Statistics Option** of the Table Request.

| FACTYPE  | STATISTIC | EST_TYPE | ESTIMATE     | LOWER 95%    | UPPER 95%    | CELL_n |
|----------|-----------|----------|--------------|--------------|--------------|--------|
| 2        | SUM_WTS   | VALUE    | 2101.34733   | 2023.89202   | 2178.80263   | 31     |
| 3        | SUM_WTS   | VALUE    | 463.97020    | 381.20465    | 546.73575    | 26     |
| 4        | SUM_WTS   | VALUE    | 7319.52226   | 7214.24715   | 7424.79737   | 184    |
| 5        | SUM_WTS   | VALUE    | 1860.51881   | 1795.33244   | 1925.70518   | 39     |
| MARGINAL | SUM_WTS   | VALUE    | 11745.35860  | 11663.61887  | 11827.09832  | 280    |
| 2        | Q1        | VALUE    | 73277.20993  | 51007.35088  | 95547.06898  | 31     |
| 3        | Q1        | VALUE    | 144911.11121 | 69513.36777  | 220308.85464 | 26     |
| 4        | Q1        | VALUE    | 502215.28748 | 470778.21985 | 733652.35511 | 176    |
| 5        | Q1        | VALUE    | 254312.88894 | 171064.02533 | 337561.75255 | 39     |
| MARGINAL | Q1        | VALUE    | 1.07472e+06  | 312989.55278 | 1.23644e+06  | 272    |

Warning: Complete option is OFF. As a result, statistics with different patterns of missing data may not be consistent with each other.

Figure 4-5. Viewing the Table Output

#### 4.2.5 Creating a Regression

Using the file P2ABSTM.XPT, a WesVar data file was created to arrive at the point of discussing the next example.

Suppose you want to create a regression to model the relationship between length of stay (*LOS*) and both clients' type of treatment (*TXCARE*) and substance of choice (*DRUG\_ALC*). To create a regression in WesVar, simply click on **Regression** at the workbook node.

Under Models, select *LOS* as the dependent and *TXCARE* and *DRUG\_ALC* as the independent variables from the list of variables provided and click on **Add as New Entry** to incorporate the selection into the Regression Request (see Figure 4-6). Note that the independent variables are taken

from the class variable list (variables are categorical) to create an ANOVA. Length of Stay is continuous and should be selected from the Source Variables list.

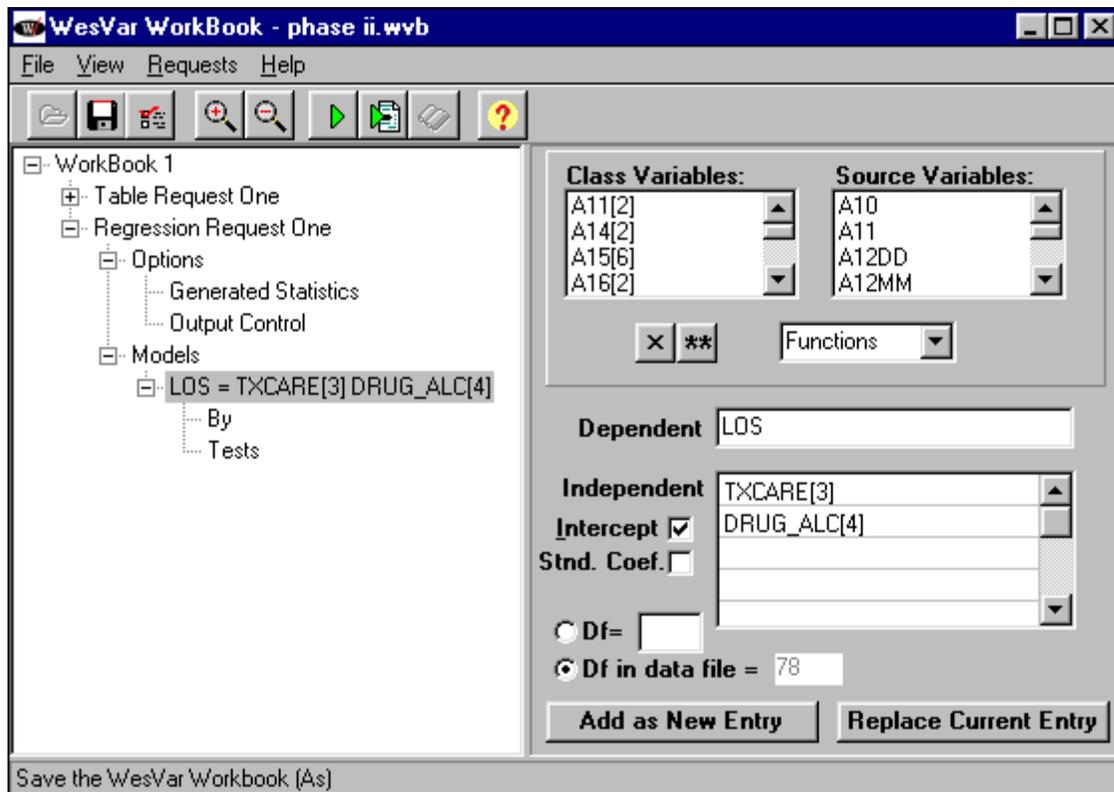


Figure 4-6. Incorporating the Regression Request

View the regression output in the same way as viewing the table output. Expand the menu on the left side and highlight **Estimated Coefficients** (see Figure 4-7). The regression output is typical, reporting estimates, standard errors, test statistics, p-values, and an  $R^2$  value.

| ESTIMATED FULL SAMPLE REGRESSION COEFFICIENTS |           |                            |                          |         |
|---|-----------|----------------------------|--------------------------|---------|
| PARAMETER                                     | ESTIMATE  | STANDARD ERROR OF ESTIMATE | TEST FOR H0: PARAMETER=0 | PROB> T |
| INTERCEPT                                     | 132.36993 | 82.14695                   | 1.61138                  | 0.1111  |
| TXCARE.1                                      | 465.60676 | 127.43194                  | 3.65377                  | 0.0005  |
| TXCARE.2                                      | 95.36900  | 15.44340                   | 6.17539                  | 0.0000  |
| DRUG_ALC.1                                    | -76.28195 | 83.18558                   | -0.91701                 | 0.3620  |
| DRUG_ALC.2                                    | -89.32687 | 81.34404                   | -1.09814                 | 0.2755  |
| DRUG_ALC.3                                    | -98.68833 | 84.96359                   | -1.16154                 | 0.2490  |
| R_SQUARE VALUE =                              | 0.13251   |                            |                          |         |

Figure 4-7. Viewing the Regression Output

Highlight the **File** menu for printing and exporting the newly created table.

#### 4.2.6 Comparing WesVar to SAS

It is of interest to compare the standard error given by WesVar (taking the complex sample design into account) to a simple random sample standard error. Table 4-1 provides the standard errors of the mean number of clients (*Q1*) by facility type (*FACTYPE*). The SAS standard errors were found using PROC MEANS with the options VARDEF=WEIGHT and STD, the CLASS statement *FACTYPE*, and *F2FWA0* as the weight. The resulting standard deviations were then divided by  $\sqrt{n}$  to produce the numbers in Table 4-1.

Table 4-1. Standard errors produced by SAS and WesVar for the levels of FACTYPE

| <i>FACTYPE</i> | SAS      | WesVar   |
|----------------|----------|----------|
| 2              | 4.88154  | 5.25978  |
| 3              | 31.11636 | 54.36256 |
| 4              | 8.09414  | 8.59147  |
| 5              | 29.42605 | 23.03705 |
| marginal       | 7.90215  | 6.09573  |

The difference between the standard errors from SAS and WesVar shows the effect that the ADSS Phase I and Phase II sampling and weighting procedures have on the variances.

### 4.3 Analysis Issues

The default degrees of freedom for WesVar tabular and regression analysis is the total number of replicates.<sup>8</sup> This may be appropriate for large domains such as ADSS analytic strata, since the number of active replicates at each stratum level is relatively large. However, for small domains, the approximate degrees of freedom need to be specified. The degrees of freedom can be specified in the **Options** panel for tables and the **Models** panel for regression. To approximate the degrees of freedom in an analysis, use the variables for variance strata (VST\_PSU) and variance unit (VUN\_PSU). For the facilities (or abstracts) in the domain of interest, count the number of unique combinations of VST\_PSU crossed with VUN\_PSU (e.g., number of active replicates) and subtract the number of unique values of VST\_PSU (number of variance strata). For instance, for an analysis involving all Phase II facilities in the combined sample, the number of active replicates is 76 and the number of variance strata is 6, so the approximate degrees of freedom is 70. In general, for any domain of interest in the Phase II analysis of facilities or abstracts, degrees of freedom should be computed.

Since the sample of discharge clients abstracted in Phase II was drawn from a 6-month period at each facility, estimated weighted national counts of discharges need to be multiplied by 2 to obtain annual estimates.

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<sup>8</sup> The default degrees of freedom for tabular requests may be modified by the user on the **Tables(2)** tab under **File...Preferences**. The options are Infinite, Number of Replicates, and User Specified.

## 4.4 Alternative Software for Analyzing Survey Data

This section summarizes two alternative software packages, SUDAAN and Stata, that were developed for analyzing data from complex surveys. Both packages can be used with ADSS data.

### 4.4.1 SUDAAN

The section is intended to help readers that are already somewhat familiar with SUDAAN, in their use of SUDAAN when analyzing ADSS Phase II data. SUDAAN requires the selection of a DESIGN option and the identification of variables in a number of required and optional command statements, such as the NEST command. The section describes the possible choices that are appropriate with ADSS data and indicates some of the strengths and weaknesses associated with them.

#### Choice of Design

In SUDAAN, three DESIGN options may seem appropriate for use with ADSS Phase II data, one taking a replication approach and the two others making use of the Taylor's series expansion method. These three options are discussed below:

#### DESIGN = JACKKNIFE

This option does not allow the current replicate weights on the file to be read in. Using DESIGN = JACKKNIFE (replication) is a reasonable option, but it should be used cautiously since the approach of replicating final full sample weights may cause serious overestimates of sampling error. Recent work by Brick, Morganstein, and Barrett (1999) has shown some serious overestimates of variance estimates for totals, and to a lesser extent for means and proportions, for three national surveys using this technique. Results depend on the correlation of the survey items with the weighting variables, levels of nonresponse, and effects of raking or poststratification. A possible correction would be to re-poststratify the resulting replicate weights. However, since one would not be able to read back into SUDAAN the re-poststratified replicate weights, DESIGN = JACKKNIFE may not be an appealing option. The use of variables *FTOTCNT* and *FSMPCNT* is omitted for the JACKKNIFE option (refer to the paragraph 'Population and Sample Size Variables' in this section for the definition of *FTOTCNT* and *FSMPCNT*). Therefore, the option JACKKNIFE will produce overestimates of variance where the sampling fraction is high in noncertainty strata. One can use the NEST command to give levels of the

design (stratum and primary sampling unit (PSU)). A description of the use of the NEST command is provided in the paragraph 'The Nest Command' in this section. For DESIGN = JACKKNIFE, one can use the ADSS variables *VST\_PSU* and *VUN\_PSU*, which were used as stratum and PSU variables for producing stratified jackknife replicates for use in WesVar.

#### DESIGN = UNEQWOR

Another option is DESIGN=UNEQWOR, which uses Taylor's expansion for estimating variances. This option, however, may not be practical since the computation of joint probabilities under systematic sampling is very complex for analysts to incorporate. The FPC factor can be ignored in Phase II.

#### DESIGN = WR

The most reasonable SUDAAN option to use is DESIGN = WR (Taylor's expansion). *FTOTCNT* and *FSMPCNT* are omitted for the WR option. Therefore, the option WR will produce overestimates of variance where the sampling fraction is high in noncertainty strata. However, in Phase II, the sampling fractions were low. One can use the NEST statement to give levels of the design (stratum and PSU).

### **The Nest Command**

To analyze ADSS Phase II data, the required NEST command can specify *VST\_PSU* and *VUN\_PSU* as the variables designating stratum and PSU, respectively. If desired by a user, ADSS variables *PAIR90*, *FIELDPSU*, and *QFSTRAT* can be employed to derive alternative stratum and PSU variables. In interpreting *PAIR90*, it should be noted that a 1<sup>st</sup> character = A identifies certainty geographic regions, a 1<sup>st</sup> character = B identifies non-certainty metro geographic regions, and a 1<sup>st</sup> character = C identifies noncertainty non-metro geographic regions. A user who defines his or her own strata and PSU variables for SUDAAN should also take note that in addition to the cluster sampling of geographic regions, Phase II facilities were selected from Phase I facilities through stratified PPS sampling with strata identified by the *QFSTRAT* variable.

### **Population and Sample Size Variables**

Construction of ADSS facility weights included raking to control totals based on Phase I facility estimates. There was no raking or poststratification for the abstract weights. The variable *FTOTCNT* contains the estimated population of eligible facilities within each stratum (*QFSTRAT*) based on Phase I weights and sample. The variable *FSMPCNT* contains the number of respondent facilities within each stratum (*QFSTRAT*).

These totals are appropriate with the *DESIGN=WR* specification in SUDAAN together with the *POSTVAR* option in order to capture the effects of poststratification. Use of the *POSTVAR* option was investigated by Flores-Cervantes, Brick, and DiGaetano (1999) for the 1997 National Survey of America's Families (NSAF) for the Urban Institute, where it was credited with bringing overestimated *DESIGN=WR* variances back in line with *WesVar* estimates. For this reason the *POSTVAR* option is recommended for use with ADSS Phase II facility data as well.

#### **4.4.2 Stata**

In the Stata software, the Taylor's expansion methods are used to estimate variances. The software offers several *svy* statements to cover several different types of analyses, including means, totals, and ratios. The stratum population sizes are needed if the *fpc* factors are to be incorporated. The function *svyset* sets up the sampling strata and the PSU identifiers. Since raking or poststratification may have a significant effect on the variance, and since Stata does not incorporate such an effect into the variance estimates, results from Stata should be interpreted cautiously. Flores-Cervantes et al. (1999) also mention that Stata does not have the poststratification option, so it was not as useful for their purposes. In addition, as in SUDAAN, the variance estimates do not reflect the effects of nonresponse weighting adjustments and weight trimming. Variance estimates are generally higher than those from *WesVar* and SUDAAN (if the *POSTVAR* option is used).

#### **4.4.3 Comparing WesVar, SUDAAN, and Stata**

Resulting variances are different depending on the software package being used. The magnitude of the differences among results depends on several factors, including type of analysis, impact of systematic sampling, and impact of weighting procedures. It is important for the user to understand how the standard errors were computed. Furthermore, users are encouraged to consult the software

developers of WesVar, SUDAAN, and Stata. WesVar is the recommended choice for analyzing ADSS data since the sample and replication scheme were designed with WesVar in mind.

Broene and Rust (1998) prepared a report for the National Center for Education Statistics (NCES) documenting their evaluation of statistical software packages for NCES data sets. At the time of the evaluation, both SUDAAN and Stata used a linearization approach to variance estimation, SUDAAN's latest version includes replication methods. Broene and Rust's paper mentions that SUDAAN is probably the most powerful of the three packages, but may be the most difficult to learn. They conclude that WesVarPC (soon to be WesVar 4.0) was both easy to learn and powerful but lacks some of the model fitting capabilities that SUDAAN has. Furthermore, they mention that Stata is more limited in its survey data analysis capabilities and can be slower to run. Nevertheless, it does enable one to easily plot and examine predicted values and residuals when model-fitting. They mention that all three packages compute standard errors for proportions and for continuous statistics such as means, totals, ratios, and differences in these quantities. For categorical analysis, SUDAAN and WesVar were recommended.

Since the time of the Broene and Rust report, several enhancements were made to each software package. Table 4-2 compares some current features of each package (WesVar 4.0, SUDAAN 7.5, and Stata 6.0). Note that Stata is fully programmable, meaning that, if Stata does not already have a specific function, a program may be created to satisfy individual needs.

Table 4-2. Analysis capabilities for WesVar, SUDAAN, and Stata

|   | WesVar<br>4.0 | SUDAAN<br>7.5 | Stata<br>6.0 |
|---|---------------|---------------|--------------|
| Standard errors and design effects for means, totals, proportions, ratios | X             | X             | X            |
| Standard errors for Quantiles   | X             | X             | X            |
| Finite population correction factor:                                      |               |               |              |
| 1 <sup>st</sup> stage only, equal probabilities of selection              | X             | X             | X            |
| 1 <sup>st</sup> stage only, unequal probabilities of selection            |               | X             |              |
| Linear regression   | X             | X             | X            |
| Logistic regression:  |               |               |              |
| Dichotomous   | X             | X             | X            |
| Polychotomous   | X             | X             | X            |
| Probit models   |               |               | X            |
| Loglinear models  |               | X             | X            |
| Tests of independence in tables   | X             | X             | X            |
| Linear contrasts, differences   | X             | X             | X            |
| Survival analysis   |               | X             | X            |
| Graphics  |               |               | X            |
| Batch processing available  | X             | X             | X            |
| Output useful for importing into spreadsheets                             | X             | X             | X            |
| Estimates and confidence Intervals for odds ratios in logistic regression | X             | X             | X            |
| Tests in logistic regression models                                       | X             |               | X            |
| Adjust replicate weights for nonresponse                                  | X             |               |              |
| Correlation matrices (in addition to covariance matrices)                 | X             |               | X            |
| Design effects  | X             | X             | X            |



**FREQUENCIES**



**IDENTIFICATION**

| <b>CASEID</b> | <b>CLIENT CASE ID</b> |
|---------------|-----------------------|
|---------------|-----------------------|

790 cases (Range of valid codes: 5931-6720)

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 1-4

| FACID | FACILITY CASE ID |  |  |  |
|-------|------------------|--|--|--|
|-------|------------------|--|--|--|

| PCT<br>VALID | PCT<br>ALL | N   | VALUE | LABEL |
|--------------|------------|-----|-------|-------|
| 0.4          | 0.4        | 3   | 16    |       |
| 1.5          | 1.5        | 12  | 43    |       |
| 0.6          | 0.6        | 5   | 69    |       |
| 7.2          | 7.2        | 57  | 154   |       |
| 0.6          | 0.6        | 5   | 262   |       |
| 2.9          | 2.9        | 23  | 273   |       |
| 1.4          | 1.4        | 11  | 337   |       |
| 0.3          | 0.3        | 2   | 410   |       |
| 4.7          | 4.7        | 37  | 448   |       |
| 8.4          | 8.4        | 66  | 481   |       |
| 0.6          | 0.6        | 5   | 639   |       |
| 1.8          | 1.8        | 14  | 681   |       |
| 4.2          | 4.2        | 33  | 748   |       |
| 2.2          | 2.2        | 17  | 754   |       |
| 0.1          | 0.1        | 1   | 882   |       |
| 4.3          | 4.3        | 34  | 899   |       |
| 0.9          | 0.9        | 7   | 957   |       |
| 0.3          | 0.3        | 2   | 997   |       |
| 0.3          | 0.3        | 2   | 1054  |       |
| 3.5          | 3.5        | 28  | 1159  |       |
| 0.9          | 0.9        | 7   | 1163  |       |
| 9.2          | 9.2        | 73  | 1183  |       |
| 0.4          | 0.4        | 3   | 1215  |       |
| 4.4          | 4.4        | 35  | 1229  |       |
| 0.9          | 0.9        | 7   | 1284  |       |
| 1.6          | 1.6        | 13  | 1334  |       |
| 0.4          | 0.4        | 3   | 1438  |       |
| 0.5          | 0.5        | 4   | 1439  |       |
| 6.3          | 6.3        | 50  | 1532  |       |
| 9.4          | 9.4        | 74  | 1578  |       |
| 3.0          | 3.0        | 24  | 1581  |       |
| 4.2          | 4.2        | 33  | 1744  |       |
| 1.0          | 1.0        | 8   | 1935  |       |
| 0.3          | 0.3        | 2   | 2025  |       |
| 3.4          | 3.4        | 27  | 2037  |       |
| 2.0          | 2.0        | 16  | 2134  |       |
| 4.9          | 4.9        | 39  | 2256  |       |
| 1.0          | 1.0        | 8   | 2350  |       |
| -----        | -----      | --- |       |       |
| 100.0        | 100.0      | 790 | cases |       |

Data type: numeric  
 Columns: 5-8

**SURVEY ADMINISTRATION**

| FIELD | DPSU | PSU NUMBER |
|-------|------|------------|
|-------|------|------------|

| PCT   | PCT   | N   | VALUE | LABEL |
|-------|-------|-----|-------|-------|
| VALID | ALL   |     |       |       |
| 8.2   | 8.2   | 65  | 4     |       |
| 4.3   | 4.3   | 34  | 6     |       |
| 0.9   | 0.9   | 7   | 7     |       |
| 9.4   | 9.4   | 74  | 9     |       |
| 0.4   | 0.4   | 3   | 10    |       |
| 3.4   | 3.4   | 27  | 12    |       |
| 8.4   | 8.4   | 66  | 14    |       |
| 3.4   | 3.4   | 27  | 15    |       |
| 2.0   | 2.0   | 16  | 16    |       |
| 6.3   | 6.3   | 50  | 17    |       |
| 3.8   | 3.8   | 30  | 22    |       |
| 0.6   | 0.6   | 5   | 23    |       |
| 9.6   | 9.6   | 76  | 26    |       |
| 6.3   | 6.3   | 50  | 27    |       |
| 1.3   | 1.3   | 10  | 29    |       |
| 1.8   | 1.8   | 14  | 32    |       |
| 3.5   | 3.5   | 28  | 34    |       |
| 1.4   | 1.4   | 11  | 35    |       |
| 2.3   | 2.3   | 18  | 38    |       |
| 4.2   | 4.2   | 33  | 41    |       |
| 4.4   | 4.4   | 35  | 43    |       |
| 0.3   | 0.3   | 2   | 44    |       |
| 0.3   | 0.3   | 2   | 45    |       |
| 4.2   | 4.2   | 33  | 48    |       |
| 5.8   | 5.8   | 46  | 50    |       |
| 0.6   | 0.6   | 5   | 51    |       |
| 2.9   | 2.9   | 23  | 54    |       |
| ----- | ----- | --- |       |       |
| 100.0 | 100.0 | 790 | cases |       |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 495-496

| PSUTYPE2 | CENSUS CLASSIFICATION FOR PSUS |  |  |  |  |
|----------|--------------------------------|--|--|--|--|
|----------|--------------------------------|--|--|--|--|

| PCT   | PCT   | N   | VALUE | LABEL                 |
|-------|-------|-----|-------|-----------------------|
| VALID | ALL   |     |       |                       |
| 41.4  | 41.4  | 327 | 1     | METRO CERTAINTY       |
| 54.4  | 54.4  | 430 | 2     | METRO NONCERTAINTY    |
| 4.2   | 4.2   | 33  | 3     | NONMETRO NONCERTAINTY |
| ----- | ----- | --- |       |                       |
| 100.0 | 100.0 | 790 |       | cases                 |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 497-498

| GROUP | INCENTIVE GROUP INDICATOR |  |  |  |  |
|-------|---------------------------|--|--|--|--|
|-------|---------------------------|--|--|--|--|

| PCT   | PCT   | N   | VALUE | LABEL                                      |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 100.0 | 100.0 | 790 | 0     | CLIENT TO RECEIVE \$15/\$10 FOR FOLLOWUP I |
| 0.0   | 0.0   | 0   | 1     | CLIENT TO RECEIVE \$0/\$0 FOR FOLLOWUP INT |
| 0.0   | 0.0   | 0   | 2     | CLIENT TO RECEIVE \$0/\$10 FOR FOLLOWUP IN |
| 0.0   | 0.0   | 0   | 3     | CLIENT TO RECEIVE \$25/\$10 FOR FOLLOWUP I |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                      |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 491-492

| COMIN | TIME TO COMPLETE: IN MINUTES |  |  |  |  |
|-------|------------------------------|--|--|--|--|
|-------|------------------------------|--|--|--|--|

|        |   |     |          |   |           |
|--------|---|-----|----------|---|-----------|
| Min    | = | 5   | Mean     | = | 38.351    |
| Max    | = | 830 | Std Dev  | = | 36.425    |
| Median | = | 30  | Variance | = | 1,326.767 |

(Based on 743 valid cases)

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 11-13

**GEOGRAPHIC**

**CENREG                      CENSUS REGION**

| PCT   | PCT   | N   | VALUE | LABEL     |
|-------|-------|-----|-------|-----------|
| VALID | ALL   |     |       |           |
| 35.1  | 35.1  | 277 | 1     | NORTHEAST |
| 25.6  | 25.6  | 202 | 2     | MIDWEST   |
| 19.2  | 19.2  | 152 | 3     | SOUTH     |
| 20.1  | 20.1  | 159 | 4     | WEST      |
| ----- | ----- | --- |       |           |
| 100.0 | 100.0 | 790 |       | cases     |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 499-500

|                           |
|---------------------------|
| <b>FACILITY VARIABLES</b> |
|---------------------------|

|                |  |
|----------------|--|
| <b>FACTYPE</b> | <b>PHASE II: FACILITY TREATMENT TYPE</b> |
|----------------|--|

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 0.0   | 0.0   | 0   | 2     | FACILITY OFFERS RESIDENTIAL TREATMENT ON |
| 0.0   | 0.0   | 0   | 3     | FACILITY OFFERS OUTPATIENT METHADONE TRE |
| 75.4  | 75.4  | 596 | 4     | FACILITY OFFERS OUTPATIENT NON-METHADONE |
| 24.6  | 24.6  | 194 | 5     | FACILITY OFFERS MORE THAN ONE TYPE OF TR |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 | cases |  |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 503-504

**DEMOGRAPHIC AND BACKGROUND INFORMATION**

**STUDYIND                      STUDY INDICATOR**

| PCT   | PCT   | N   | VALUE | LABEL                    |
|-------|-------|-----|-------|--------------------------|
| VALID | ALL   |     |       |                          |
| 0.0   | 0.0   | 0   | 0     | INCENTIVE STUDY FACILITY |
| 100.0 | 100.0 | 790 | 1     | MAIN STUDY FACILITY      |
| ----- | ----- | --- |       |                          |
| 100.0 | 100.0 | 790 |       | cases                    |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 493-494

**CLTYPE                      CLIENT TYPE**

| PCT   | PCT   | N   | VALUE | LABEL                  |
|-------|-------|-----|-------|------------------------|
| VALID | ALL   |     |       |                        |
| 100.0 | 100.0 | 790 | 1     | NONMETHADONE DISCHARGE |
| 0.0   | 0.0   | 0   | 2     | METHADONE DISCHARGE    |
| 0.0   | 0.0   | 0   | 3     | IN-TREATMENT METHADONE |
| ----- | ----- | --- |       |                        |
| 100.0 | 100.0 | 790 |       | cases                  |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 9-10

**TXCARE                      CLIENT'STYPE OF TREATMENT**

| PCT   | PCT   | N   | VALUE | LABEL                      |
|-------|-------|-----|-------|----------------------------|
| VALID | ALL   |     |       |                            |
| 0.0   | 0.0   | 0   | 1     | M-OUTPATIENT METHADONE     |
| 100.0 | 100.0 | 790 | 2     | N-OUTPATIENT NON-METHADONE |
| 0.0   | 0.0   | 0   | 3     | R-NON-HOSPITAL RESIDENTIAL |
| ----- | ----- | --- |       |                            |
| 100.0 | 100.0 | 790 |       | cases                      |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 505-506

|           |  |
|-----------|--|
| <b>A6</b> | <b>A6. TYPE OF CARE FOR THIS DISCHARGE</b> |
|-----------|--|

| PCT   | PCT   | N    | VALUE | LABEL                                    |
|-------|-------|------|-------|--|
| VALID | ALL   |      |       |  |
| 0.0   | 0.0   | 0    | 1     | NON-HOSPITAL RESIDENTIAL                 |
| 100.0 | 100.0 | 790  | 2     | OUTPATIENT                               |
| 0.0   | 0.0   | 0    | 3     | OTHER (IF COMBINATIONS, SPECIFY TYPE AND |
| 0.0   | 0.0   | 0    | 4     | RESIDENTIAL AND OUTPATIENT               |
| 0.0   | 0.0   | 0    | 5     | SPLIT                                    |
| ----- | ----- | ---- |       |  |
| 100.0 | 100.0 | 790  |       | cases                                    |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 14-15

|             |   |
|-------------|---|
| <b>A6A1</b> | <b>A6A1. TRTMT RECEIVED: DETOXIFICATION</b> |
|-------------|---|

| PCT   | PCT   | N    | VALUE | LABEL           |
|-------|-------|------|-------|-----------------|
| VALID | ALL   |      |       |                 |
| 99.9  | 95.7  | 756  | 0     | NO              |
| 0.1   | 0.1   | 1    | 1     | YES             |
|       | 4.2   | 33   | -7    | NOT ASCERTAINED |
| ----- | ----- | ---- |       |                 |
| 100.0 | 100.0 | 790  |       | cases           |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 16-17

|             |   |
|-------------|---|
| <b>A6A2</b> | <b>A6A2. TRTMT RECEIVED: REHABILITATION (DRUG-FREE)</b> |
|-------------|---|

| PCT   | PCT   | N    | VALUE | LABEL           |
|-------|-------|------|-------|-----------------|
| VALID | ALL   |      |       |                 |
| 55.9  | 53.8  | 425  | 0     | NO              |
| 44.1  | 42.4  | 335  | 1     | YES             |
|       | 3.8   | 30   | -7    | NOT ASCERTAINED |
| ----- | ----- | ---- |       |                 |
| 100.0 | 100.0 | 790  |       | cases           |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 18-19

|             |  |
|-------------|--|
| <b>A6A3</b> | <b>A6A3. TRTMT RECEIVED: METHADONE</b> |
|-------------|--|

| PCT   | PCT   | N   | VALUE | LABEL |
|-------|-------|-----|-------|-------|
| VALID | ALL   |     |       |       |
| 100.0 | 100.0 | 790 | 0     | NO    |
| 0.0   | 0.0   | 0   | 1     | YES   |
| ----- | ----- | --- |       |       |
| 100.0 | 100.0 | 790 | cases |       |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 20-21

|           |   |
|-----------|---|
| <b>A7</b> | <b>A7. CLIENT STAYED OVERNIGHT FOR THIS TRTMT</b> |
|-----------|---|

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 99.5  | 98.1  | 775 | 0     | NO              |
| 0.5   | 0.5   | 4   | 1     | YES             |
|       | 1.4   | 11  | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 22-23

A9

## A9. PRIMARY SOURCE OF REFERRAL FOR TRTMT

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 7.6   | 7.0   | 55  | 1     | OTHER TREATMENT REFERRED                 |
| 42.9  | 39.5  | 312 | 2     | CRIMINAL JUSTICE SYSTEM                  |
| 30.2  | 27.8  | 220 | 3     | SELF-REFERRED/VOLUNTARY                  |
| 2.1   | 1.9   | 15  | 4     | FAMILY                                   |
| 1.0   | 0.9   | 7   | 5     | FRIEND REFERRED                          |
| 1.2   | 1.1   | 9   | 6     | EMPLOYER                                 |
| 6.2   | 5.7   | 45  | 7     | HEALTH CARE OR MENTAL HEALTH PROVIDES    |
| 7.7   | 7.1   | 56  | 8     | WELFARE OFFICE OR OTHER SOCIAL SERVICE A |
| 0.0   | 0.0   | 0   | 9     | YELLOW PAGES                             |
| 0.3   | 0.3   | 2   | 10    | MOTOR VEHICLES ADMIN, INTOXICATED DRIVER |
| 0.0   | 0.0   | 0   | 11    | PRIVATE REFERRAL                         |
| 0.7   | 0.6   | 5   | 12    | SCHOOL                                   |
| 0.0   | 0.0   | 0   | 13    | INSURANCE COMPANY                        |
| 0.0   | 0.0   | 0   | 14    | TV AD                                    |
| 0.3   | 0.3   | 2   | 88    | OTHER                                    |
|       | 7.8   | 62  | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 24-25

**A10** **A10. PRIMARY SOURCE OF PAYMENT FOR TRTMT**

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 2.8   | 2.0   | 16  | 1     | NO PAYMENT                               |
| 48.8  | 34.8  | 275 | 2     | CLIENT SELF PAYMENT                      |
| 1.8   | 1.3   | 10  | 3     | PRIVATE HEALTH INSURANCE, FEE-FOR-SERVIC |
| 3.5   | 2.5   | 20  | 4     | PRIVATE HEALTH INSURANCE, HMO/PPO/MANAGE |
| 3.4   | 2.4   | 19  | 5     | CRIMINAL JUSTICE SYSTEM                  |
| 20.7  | 14.8  | 117 | 6     | MEDICAID                                 |
| 1.4   | 1.0   | 8   | 7     | MEDICARE                                 |
| 15.4  | 11.0  | 87  | 8     | OTHER PUBLIC FUNDING                     |
| 0.5   | 0.4   | 3   | 9     | EMPLOYEE ASSISTANCE PROGRAM/PLAN         |
| 0.0   | 0.0   | 0   | 10    | INSURANCE, FEE -FOR-SERVICE OR MANAGED C |
| 0.0   | 0.0   | 0   | 11    | MEDICAL COUPON                           |
| 1.1   | 0.8   | 6   | 12    | RESEARCH GRANT PAYMENT                   |
| 0.0   | 0.0   | 0   | 13    | HAP                                      |
| 0.0   | 0.0   | 0   | 14    | WORKERS COMPENSATION                     |
| 0.0   | 0.0   | 0   | 15    | CONTRACT/SLIDING FEE                     |
| 0.0   | 0.0   | 0   | 16    | 50/50 CLIENT, INSURANCE                  |
| 0.2   | 0.1   | 1   | 17    | SCHOOL PROGRAM                           |
| 0.0   | 0.0   | 0   | 66    | NOT PERMITTED TO ABSTRACT                |
| 0.4   | 0.3   | 2   | 88    | OTHER                                    |
|       | 28.6  | 226 | -7    | NOT ASCERTAINED/NOT ASCERTAINED          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 26-27

**A11** **A11. IS CLIENT RECEIVING SSI BENEFITS**

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 86.1  | 39.9  | 315 | 0     | NO              |
| 13.9  | 6.5   | 51  | 1     | YES             |
|       | 53.7  | 424 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 |       | cases           |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 28-29

**A14****A14. SEX**

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 69.0  | 67.6  | 534 | 1     | MALE            |
| 31.0  | 30.4  | 240 | 2     | FEMALE          |
|       | 2.0   | 16  | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 |       | cases           |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 30-31

**A15****A15. RACE**

| PCT   | PCT   | N   | VALUE | LABEL                             |
|-------|-------|-----|-------|-----------------------------------|
| VALID | ALL   |     |       |                                   |
| 59.8  | 50.0  | 395 | 1     | WHITE                             |
| 34.7  | 29.0  | 229 | 2     | BLACK                             |
| 1.1   | 0.9   | 7   | 3     | AMERICAN INDIAN OR ALASKAN NATIVE |
| 0.8   | 0.6   | 5   | 4     | ASIAN OR PACIFIC ISLANDER         |
| 3.5   | 2.9   | 23  | 5     | OTHER NON-WHITE/MIXED RACE        |
| 0.2   | 0.1   | 1   | 8     | OTHER, NOT FURTHER CODED          |
|       | 16.5  | 130 | -7    | NOT ASCERTAINED                   |
| ----- | ----- | --- |       |                                   |
| 100.0 | 100.0 | 790 |       | cases                             |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 32-33

**A16****A16. ETHNICITY**

| PCT   | PCT   | N   | VALUE | LABEL                  |
|-------|-------|-----|-------|------------------------|
| VALID | ALL   |     |       |                        |
| 15.9  | 12.5  | 99  | 1     | HISPANIC               |
| 84.1  | 66.1  | 522 | 2     | NOT OF HISPANIC ORIGIN |
|       | 21.4  | 169 | -7    | NOT ASCERTAINED        |
| ----- | ----- | --- |       |                        |
| 100.0 | 100.0 | 790 |       | cases                  |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 34-35

**A17** **A17. MARITAL STATUS AT ADMISSION**

| PCT   | PCT   | N   | VALUE | LABEL                   |
|-------|-------|-----|-------|-------------------------|
| VALID | ALL   |     |       |                         |
| 38.9  | 34.8  | 275 | 0     | NEVER MARRIED           |
| 21.1  | 18.9  | 149 | 1     | MARRIED/COMMON LAW      |
| 1.4   | 1.3   | 10  | 2     | WIDOWED                 |
| 27.2  | 24.3  | 192 | 3     | SEPARATED/DIVORCED      |
| 11.3  | 10.1  | 80  | 4     | SINGLE                  |
| 0.1   | 0.1   | 1   | 8     | OTHER NOT FURTHER CODED |
|       | 10.5  | 83  | -7    | NOT ASCERTAINED         |
| ----- | ----- | --- |       |                         |
| 100.0 | 100.0 | 790 | cases |                         |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 36-37

**A18** **A18. HAVE CHILD/CHILDREN AT ADMISSION**

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 35.1  | 27.8  | 220 | 0     | NO              |
| 64.9  | 51.4  | 406 | 1     | YES             |
|       | 20.8  | 164 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 38-39

**A19** **A19. LIVING WITH THEIR CHILD/CHILDREN**

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 71.1  | 50.5  | 399 | 0     | NO              |
| 28.9  | 20.5  | 162 | 1     | YES             |
|       | 29.0  | 229 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 40-41

|            |   |
|------------|---|
| <b>A20</b> | <b>A20. LIVING ARRANGEMENT AT ADMISSION</b> |
|------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 8.9   | 7.0   | 55  | 0     | NO STABLE ARRANGEMENT (INCLUDE HOMELESS, |
| 29.0  | 22.8  | 180 | 1     | WITH SPOUSE/PARTNER                      |
| 20.1  | 15.8  | 125 | 2     | WITH PARENT(S)                           |
| 9.7   | 7.6   | 60  | 3     | WITH OTHER FAMILY                        |
| 10.6  | 8.4   | 66  | 4     | WITH FRIENDS                             |
| 13.2  | 10.4  | 82  | 5     | ALONE                                    |
| 4.8   | 3.8   | 30  | 6     | WITH NO OTHER ADULT(S)/CHILDREN ONLY     |
| 1.0   | 0.8   | 6   | 7     | CORRECTIONAL FACILITY                    |
| 2.7   | 2.2   | 17  | 8     | OTHER INSTITUTION                        |
|       | 21.4  | 169 | -7    | NOT ASCERTAINED/NOT ASCERTAINED          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 42-43

|            |                                    |
|------------|------------------------------------|
| <b>A21</b> | <b>A21. EDUCATION AT ADMISSION</b> |
|------------|------------------------------------|

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 3.0   | 2.4   | 19  | 1     | LESS THAN 8 YEARS                        |
| 35.1  | 28.0  | 221 | 2     | 8 - 11 YEARS                             |
| 3.2   | 2.5   | 20  | 3     | LESS THAN H.S. GRADUATE, NOT OTHERWISE S |
| 36.9  | 29.4  | 232 | 4     | H.S. GRADUATE/GED                        |
| 16.9  | 13.4  | 106 | 5     | SOME COLLEGE                             |
| 4.6   | 3.7   | 29  | 6     | COLLEGE GRADUATE                         |
| 0.2   | 0.1   | 1   | 7     | POSTGRADUATE                             |
| 0.2   | 0.1   | 1   | 8     | OTHER, NOT FURTHER CODED                 |
|       | 20.4  | 161 | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 44-45

|            |                                  |
|------------|----------------------------------|
| <b>A22</b> | <b>A22. STUDENT AT ADMISSION</b> |
|------------|----------------------------------|

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 92.5  | 68.9  | 544 | 0     | NO              |
| 7.5   | 5.6   | 44  | 1     | YES             |
|       | 25.6  | 202 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 46-47

|            |                                     |
|------------|-------------------------------------|
| <b>A23</b> | <b>A23. EMPLOYMENT AT ADMISSION</b> |
|------------|-------------------------------------|

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 18.6  | 16.3  | 129 | 1     | FULL-TIME (35HRS/WK OR MORE)             |
| 7.5   | 6.6   | 52  | 2     | PART-TIME (LESS THAN 35 HRS/WK)          |
| 15.5  | 13.7  | 108 | 3     | EMPLOYED, NOT OTHERWISE SPECIFIED        |
| 1.6   | 1.4   | 11  | 4     | KEEPING HOUSE, NOT OTHERWISE EMPLOYED    |
| 0.9   | 0.8   | 6   | 5     | RETIRED                                  |
| 4.5   | 3.9   | 31  | 6     | DISABLED                                 |
| 0.3   | 0.3   | 2   | 7     | INMATE                                   |
| 49.9  | 43.9  | 347 | 8     | UNEMPLOYED                               |
| 0.0   | 0.0   | 0   | 9     | LAI D OFF                                |
| 0.4   | 0.4   | 3   | 10    | STUDENT                                  |
| 0.0   | 0.0   | 0   | 11    | ON PROBATION FROM JOB, SUSPENDED         |
| 0.0   | 0.0   | 0   | 12    | ON LEAVE, MEDICAL LEAVE, ON WORKERS COMP |
| 0.0   | 0.0   | 0   | 13    | IRREGULAR                                |
| 0.4   | 0.4   | 3   | 14    | NACO                                     |
| 0.4   | 0.4   | 3   | 88    | OTHER, NOT FURTHER CODED                 |
|       | 12.0  | 95  | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 | cases |  |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 48-49

**A24****A24. USUAL (OR LAST) OCCUPATION**

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 5.2   | 2.8   | 22  | 1     | CLERICAL WORKER                          |
| 5.9   | 3.2   | 25  | 2     | SALES WORKER                             |
| 22.7  | 12.2  | 96  | 3     | SERVICE WORKER                           |
| 1.9   | 1.0   | 8   | 4     | PRIVATE HH WORKER                        |
| 21.8  | 11.6  | 92  | 5     | SKILLED WORKER OR CRAFTSMAN              |
| 12.1  | 6.5   | 51  | 6     | LABORER                                  |
| 2.8   | 1.5   | 12  | 7     | OPERATOR OR MACHINE OPERATOR             |
| 7.3   | 3.9   | 31  | 8     | TRANSPORTATION EQUIPMENT OPERATOR        |
| 3.6   | 1.9   | 15  | 9     | FARM LABORER)                            |
| 0.0   | 0.0   | 0   | 10    | FARMER OR FARM MANAGER                   |
| 4.3   | 2.3   | 18  | 11    | MANAGER/ADMINISTRATOR                    |
| 0.2   | 0.1   | 1   | 12    | LAY COUNSELOR                            |
| 7.3   | 3.9   | 31  | 13    | PROFESSIONAL/TECHNICAL                   |
| 1.4   | 0.8   | 6   | 14    | STUDENT                                  |
| 0.2   | 0.1   | 1   | 15    | DRUG DEALER, GAMBLER, ETC, OTHER ILLEGAL |
| 2.8   | 1.5   | 12  | 86    | EMPLOYER GIVEN/NO OCCUPATION GIVEN       |
| 0.2   | 0.1   | 1   | 88    | OCCUPATION SPECIFIED, MISCELLANEOUS CODE |
|       | 46.6  | 368 | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 50-51



**A27****A27. PRISON OR JAIL RECORD PRIOR TO ADMISSION**

| PCT   | PCT   | N   | VALUE | LABEL                     |
|-------|-------|-----|-------|---------------------------|
| VALID | ALL   |     |       |                           |
| 54.2  | 26.7  | 211 | 0     | NONE                      |
| 45.8  | 22.5  | 178 | 1     | YES                       |
| 0.0   | 0.0   | 0   | 6     | NOT PERMITTED TO ABSTRACT |
|       | 50.8  | 401 | -7    | NOT ASCERTAINED           |
| ----- | ----- | --- |       |                           |
| 100.0 | 100.0 | 790 | cases |                           |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 56-57

**A28****A28. SA TREATMENT AS A CONDITION OF PROBATION/PAROLE**

| PCT   | PCT   | N   | VALUE | LABEL                     |
|-------|-------|-----|-------|---------------------------|
| VALID | ALL   |     |       |                           |
| 48.9  | 32.2  | 254 | 0     | NONE                      |
| 51.1  | 33.5  | 265 | 1     | YES                       |
| 0.0   | 0.0   | 0   | 6     | NOT PERMITTED TO ABSTRACT |
|       | 34.3  | 271 | -7    | NOT ASCERTAINED           |
| ----- | ----- | --- |       |                           |
| 100.0 | 100.0 | 790 | cases |                           |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 58-59



**A30B****A30B. STD (OTHER THAN AIDS)**

Medical conditions prior to admission or during treatment:

STD (other than AIDS)

| PCT   | PCT   | N   | VALUE | LABEL                     |
|-------|-------|-----|-------|---------------------------|
| VALID | ALL   |     |       |                           |
| 96.1  | 21.8  | 172 | 0     | NONE                      |
| 3.9   | 0.9   | 7   | 1     | YES                       |
| 0.0   | 0.0   | 0   | 6     | NOT PERMITTED TO ABSTRACT |
|       | 77.3  | 611 | -7    | NOT ASCERTAINED           |
| ----- | ----- | --- |       |                           |
| 100.0 | 100.0 | 790 | cases |                           |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 64-65

**A30C****A30C. HEPATITIS OR JAUNDICE**

Medical conditions prior to admission or during treatment:

Hepatitis or jaundice

| PCT   | PCT   | N   | VALUE | LABEL                     |
|-------|-------|-----|-------|---------------------------|
| VALID | ALL   |     |       |                           |
| 90.7  | 27.2  | 215 | 0     | NONE                      |
| 9.3   | 2.8   | 22  | 1     | YES                       |
| 0.0   | 0.0   | 0   | 6     | NOT PERMITTED TO ABSTRACT |
|       | 70.0  | 553 | -7    | NOT ASCERTAINED           |
| ----- | ----- | --- |       |                           |
| 100.0 | 100.0 | 790 | cases |                           |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 66-67

|             |                               |
|-------------|-------------------------------|
| <b>A30D</b> | <b>A30D. POSITIVE TB TEST</b> |
|-------------|-------------------------------|

Medical conditions prior to admission or during treatment:

Positive TB test

| PCT   | PCT   | N   | VALUE | LABEL                     |
|-------|-------|-----|-------|---------------------------|
| VALID | ALL   |     |       |                           |
| 96.3  | 29.7  | 235 | 0     | NONE                      |
| 3.7   | 1.1   | 9   | 1     | YES                       |
| 0.0   | 0.0   | 0   | 6     | NOT PERMITTED TO ABSTRACT |
|       | 69.1  | 546 | -7    | NOT ASCERTAINED           |
| ----- | ----- | --- |       |                           |
| 100.0 | 100.0 | 790 | cases |                           |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 68-69

|             |                        |
|-------------|------------------------|
| <b>A30E</b> | <b>A30E. ACTIVE TB</b> |
|-------------|------------------------|

Medical conditions prior to admission or during treatment:

Active TB

| PCT   | PCT   | N   | VALUE | LABEL                     |
|-------|-------|-----|-------|---------------------------|
| VALID | ALL   |     |       |                           |
| 100.0 | 30.1  | 238 | 0     | NONE                      |
| 0.0   | 0.0   | 0   | 1     | YES                       |
| 0.0   | 0.0   | 0   | 6     | NOT PERMITTED TO ABSTRACT |
|       | 69.9  | 552 | -7    | NOT ASCERTAINED           |
| ----- | ----- | --- |       |                           |
| 100.0 | 100.0 | 790 | cases |                           |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 70-71

**A30F****A30F. TB, NOT OTHERWISE SPECIFIED**

Medical conditions prior to admission or during treatment:

TB, not otherwise specified

| PCT   | PCT   | N   | VALUE | LABEL                     |
|-------|-------|-----|-------|---------------------------|
| VALID | ALL   |     |       |                           |
| 99.1  | 28.7  | 227 | 0     | NONE                      |
| 0.9   | 0.3   | 2   | 1     | YES                       |
| 0.0   | 0.0   | 0   | 6     | NOT PERMITTED TO ABSTRACT |
|       | 71.0  | 561 | -7    | NOT ASCERTAINED           |
| ----- | ----- | --- |       |                           |
| 100.0 | 100.0 | 790 |       | cases                     |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 72-73

**A30G****A30G. HEART DISEASE**

Medical conditions prior to admission or during treatment:

Heart disease

| PCT   | PCT   | N   | VALUE | LABEL                     |
|-------|-------|-----|-------|---------------------------|
| VALID | ALL   |     |       |                           |
| 97.0  | 24.8  | 196 | 0     | NONE                      |
| 3.0   | 0.8   | 6   | 1     | YES                       |
| 0.0   | 0.0   | 0   | 6     | NOT PERMITTED TO ABSTRACT |
|       | 74.4  | 588 | -7    | NOT ASCERTAINED           |
| ----- | ----- | --- |       |                           |
| 100.0 | 100.0 | 790 |       | cases                     |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 74-75

**A30H****A30H. HIGH BLOOD PRESSURE**

Medical conditions prior to admission or during treatment:

High blood pressure

| PCT   | PCT   | N   | VALUE | LABEL                     |
|-------|-------|-----|-------|---------------------------|
| VALID | ALL   |     |       |                           |
| 90.0  | 24.1  | 190 | 0     | NONE                      |
| 10.0  | 2.7   | 21  | 1     | YES                       |
| 0.0   | 0.0   | 0   | 6     | NOT PERMITTED TO ABSTRACT |
|       | 73.3  | 579 | -7    | NOT ASCERTAINED           |
| ----- | ----- | --- |       |                           |
| 100.0 | 100.0 | 790 | cases |                           |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 76-77

**A30I****A30I. LIVER DISEASE**

Medical conditions prior to admission or during treatment:

Liver disease

| PCT   | PCT   | N   | VALUE | LABEL                     |
|-------|-------|-----|-------|---------------------------|
| VALID | ALL   |     |       |                           |
| 92.5  | 23.5  | 186 | 0     | NONE                      |
| 7.5   | 1.9   | 15  | 1     | YES                       |
| 0.0   | 0.0   | 0   | 6     | NOT PERMITTED TO ABSTRACT |
|       | 74.6  | 589 | -7    | NOT ASCERTAINED           |
| ----- | ----- | --- |       |                           |
| 100.0 | 100.0 | 790 | cases |                           |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 78-79

**A30J****A30J.CONVULSIONS**

Medical conditions prior to admission or during treatment:

Convulsions

| PCT   | PCT   | N   | VALUE | LABEL                     |
|-------|-------|-----|-------|---------------------------|
| VALID | ALL   |     |       |                           |
| 93.2  | 22.7  | 179 | 0     | NONE                      |
| 6.8   | 1.6   | 13  | 1     | YES                       |
| 0.0   | 0.0   | 0   | 6     | NOT PERMITTED TO ABSTRACT |
|       | 75.7  | 598 | -7    | NOT ASCERTAINED           |
| ----- | ----- | --- |       |                           |
| 100.0 | 100.0 | 790 | cases |                           |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 80-81

**A31****A31. HISTORY OF PSYCHOLOGICAL DISORDERS PRIOR TO ADMIT**

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 72.3  | 40.9  | 323 | 0     | NONE            |
| 27.7  | 15.7  | 124 | 1     | YES             |
|       | 43.4  | 343 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 82-83

|            |   |
|------------|---|
| <b>A32</b> | <b>A32. CLIENT TAKING ANTIDEPRESSANT/ANTIPSYCHOTIC AT ADMIT</b> |
|------------|---|

| PCT   | PCT   | N   | VALUE | LABEL               |
|-------|-------|-----|-------|---------------------|
| VALID | ALL   |     |       |                     |
| 86.5  | 45.6  | 360 | 0     | NONE                |
| 11.8  | 6.2   | 49  | 1     | YES, ANTIDEPRESSANT |
| 0.5   | 0.3   | 2   | 2     | YES, ANTIPSYCHOTIC  |
| 1.2   | 0.6   | 5   | 3     | YES, BOTH           |
|       | 47.3  | 374 | -7    | NOT ASCERTAINED     |
| ----- | ----- | --- |       |                     |
| 100.0 | 100.0 | 790 | cases |                     |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 84-85

|             |                         |
|-------------|-------------------------|
| <b>A33A</b> | <b>A33A. DEPRESSION</b> |
|-------------|-------------------------|

Psychological disorder(s) at admission or during treatment:

Depression

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 68.0  | 31.8  | 251 | 0     | NONE            |
| 32.0  | 14.9  | 118 | 1     | YES             |
|       | 53.3  | 421 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 86-87

**A33B****A33B. SCHIZOPHRENIA**

Psychological disorder(s) at admission or during treatment:

Schizophrenia

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 97.5  | 33.9  | 268 | 0     | NONE            |
| 2.5   | 0.9   | 7   | 1     | YES             |
|       | 65.2  | 515 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 88-89

**A33C****A33C. ANXIETY DISORDER**

Psychological disorder(s) at admission or during treatment:

Anxiety disorder

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 89.8  | 33.3  | 263 | 0     | NONE            |
| 10.2  | 3.8   | 30  | 1     | YES             |
|       | 62.9  | 497 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 90-91

|             |                             |
|-------------|-----------------------------|
| <b>A33D</b> | <b>A33D. PANIC DISORDER</b> |
|-------------|-----------------------------|

Psychological disorder(s) at admission or during treatment:

Panic disorder

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 98.2  | 33.9  | 268 | 0     | NONE            |
| 1.8   | 0.6   | 5   | 1     | YES             |
|       | 65.4  | 517 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 92-93

|             |  |
|-------------|--|
| <b>A33E</b> | <b>A33E. MANIC DEPRESSIVE ILLNESS, BIPOLAR</b> |
|-------------|--|

Psychological disorder(s) at admission or during treatment:

Manic depressive illness (bipolar)

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 95.7  | 33.5  | 265 | 0     | NONE            |
| 4.3   | 1.5   | 12  | 1     | YES             |
|       | 64.9  | 513 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 94-95

**A33F****A33F. MENTAL DISORDER, NOT OTHERWISE SPECIFIED**

Psychological disorder(s) at admission or during treatment:

Mental disorder, not otherwise specified

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 92.9  | 33.3  | 263 | 0     | NONE            |
| 7.1   | 2.5   | 20  | 1     | YES             |
|       | 64.2  | 507 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 |       | cases           |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 96-97

**A34****A34. PRIOR TO ADMIT: TOTAL RESIDENTIAL AND/OR IP MH ADMITS**

| PCT   | PCT   | N   | VALUE | LABEL             |
|-------|-------|-----|-------|-------------------|
| VALID | ALL   |     |       |                   |
| 88.3  | 44.8  | 354 | 0     |                   |
| 6.5   | 3.3   | 26  | 1     |                   |
| 3.0   | 1.5   | 12  | 2     |                   |
| 1.0   | 0.5   | 4   | 3     |                   |
| 0.2   | 0.1   | 1   | 4     |                   |
| 0.5   | 0.3   | 2   | 5     |                   |
| 0.5   | 0.3   | 2   | 6     |                   |
|       | 49.1  | 388 | -7    | NOT ASCERTAINED   |
|       | 0.1   | 1   | -4    | DATA OUT OF RANGE |
| ----- | ----- | --- |       |                   |
| 100.0 | 100.0 | 790 |       | cases             |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 98-99



|            |   |
|------------|---|
| <b>A38</b> | <b>A38. PRESENTING SUBSTANCE ABUSE PROBLEM AT ADMISSION</b> |
|------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 21.7  | 19.1  | 151 | 1     | DRUG ABUSE ONLY (EXCLUDING ALCOHOL)      |
| 33.7  | 29.6  | 234 | 2     | ALCOHOL ABUSE ONLY                       |
| 44.6  | 39.2  | 310 | 3     | ALCOHOL AND DRUG ABUSE                   |
| 0.0   | 0.0   | 0   | 4     | SUSPECTED SUBSTANCE ABUSE PROBLEM, EVALU |
| 0.0   | 0.0   | 0   | 5     | FEAR OF RELAPSE                          |
| 0.0   | 0.0   | 0   | 6     | TO TREATMENT DIRECT FROM JAIL            |
| 0.0   | 0.0   | 0   | 8     | OTHER, NOT FURTHER CODED                 |
|       | 12.0  | 95  | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 | cases |  |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 106-107

|              |   |
|--------------|---|
| <b>A39CN</b> | <b>A39. ADMISSION: COUNT OF DIAGNOSES</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                     |
|-------|-------|-----|-------|---------------------------|
| VALID | ALL   |     |       |                           |
| 21.6  | 21.6  | 171 | 0     | NO DIAGNOSIS SPECIFIED    |
| 44.2  | 44.2  | 349 | 1     | ONE DIAGNOSIS SPECIFIED   |
| 21.8  | 21.8  | 172 | 2     | TWO DIAGNOSES SPECIFIED   |
| 7.8   | 7.8   | 62  | 3     | THREE DIAGNOSES SPECIFIED |
| 1.4   | 1.4   | 11  | 4     | FOUR DIAGNOSES SPECIFIED  |
| 2.7   | 2.7   | 21  | 5     | FIVE DIAGNOSES SPECIFIED  |
| 0.4   | 0.4   | 3   | 6     | SIX DIAGNOSES SPECIFIED   |
| 0.1   | 0.1   | 1   | 7     | SEVEN DIAGNOSES SPECIFIED |
| 0.0   | 0.0   | 0   | 8     | EIGHT DIAGNOSES SPECIFIED |
| ----- | ----- | --- |       |                           |
| 100.0 | 100.0 | 790 | cases |                           |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 108-109

|             |   |
|-------------|---|
| <b>A39A</b> | <b>A39A. ADMISSION: PRIMARY DIAGNOSIS</b> |
|-------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 0.0   | 0.0   | 0   | 0     | NO DIAGNOSIS                             |
| 0.0   | 0.0   | 0   | 1     | ALCOHOL-INDUCED DISORDER                 |
| 0.2   | 0.1   | 1   | 2     | SUBSTANCE-INDUCED DISORDER               |
| 0.3   | 0.3   | 2   | 3     | ALCOHOL INTOXICATION                     |
| 31.6  | 23.4  | 185 | 4     | ALCOHOL DEPENDENCE                       |
| 4.4   | 3.3   | 26  | 5     | OPIOID DEPENDENCE                        |
| 16.2  | 12.0  | 95  | 6     | COCAINE DEPENDENCE                       |
| 4.6   | 3.4   | 27  | 7     | CANNABIS DEPENDENCE                      |
| 5.8   | 4.3   | 34  | 8     | OTHER SUBSTANCE DEPENDENCE               |
| 17.7  | 13.2  | 104 | 9     | ALCOHOL ABUSE                            |
| 2.4   | 1.8   | 14  | 10    | CANNABIS ABUSE                           |
| 3.6   | 2.7   | 21  | 11    | OTH SUBST ABUSE                          |
| 1.0   | 0.8   | 6   | 12    | OPIOID ABUSE                             |
| 1.4   | 1.0   | 8   | 13    | COCAINE ABUSE                            |
| 0.0   | 0.0   | 0   | 14    | ANXIETY DISORDERS                        |
| 0.7   | 0.5   | 4   | 15    | DEPRESSIVE DISORDERS                     |
| 0.0   | 0.0   | 0   | 16    | SCHIZOPHRENIA/OTHER PSYCHOTIC DISORDERS  |
| 0.0   | 0.0   | 0   | 17    | BIPOLAR DISORDERS                        |
| 0.0   | 0.0   | 0   | 18    | ATTENTION DEFICIT/DISRUPTIVE BEH. DISORD |
| 0.9   | 0.6   | 5   | 19    | OTHER MENTAL HEALTH CONDITION            |
| 9.2   | 6.8   | 54  | 20    | OTHER CONDITION                          |
|       | 21.6  | 171 | -9    | INAPPLICABLE, CLIENT TYPE CODED 2        |
|       | 4.2   | 33  | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 110-111

|             |   |
|-------------|---|
| <b>A39B</b> | <b>A39B. ADMISSION: OTHER DIAGNOSIS_1</b> |
|-------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 0.0   | 0.0   | 0   | 0     | NO DIAGNOSIS                             |
| 0.0   | 0.0   | 0   | 1     | ALCOHOL-INDUCED DISORDER                 |
| 0.0   | 0.0   | 0   | 2     | SUBSTANCE-INDUCED DISORDER               |
| 0.4   | 0.1   | 1   | 3     | ALCOHOL INTOXICATION                     |
| 17.8  | 6.1   | 48  | 4     | ALCOHOL DEPENDENCE                       |
| 4.1   | 1.4   | 11  | 5     | OPIOID DEPENDENCE                        |
| 19.3  | 6.6   | 52  | 6     | COCAINE DEPENDENCE                       |
| 13.3  | 4.6   | 36  | 7     | CANNABIS DEPENDENCE                      |
| 4.8   | 1.6   | 13  | 8     | OTHER SUBSTANCE DEPENDENCE               |
| 7.4   | 2.5   | 20  | 9     | ALCOHOL ABUSE                            |
| 7.0   | 2.4   | 19  | 10    | CANNABIS ABUSE                           |
| 3.3   | 1.1   | 9   | 11    | OTH SUBST ABUSE                          |
| 0.7   | 0.3   | 2   | 12    | OPIOID ABUSE                             |
| 3.3   | 1.1   | 9   | 13    | COCAINE ABUSE                            |
| 0.0   | 0.0   | 0   | 14    | ANXIETY DISORDERS                        |
| 0.0   | 0.0   | 0   | 15    | DEPRESSIVE DISORDERS                     |
| 0.4   | 0.1   | 1   | 16    | SCHIZOPHRENIA/OTHER PSYCHOTIC DISORDERS  |
| 0.0   | 0.0   | 0   | 17    | BIPOLAR DISORDERS                        |
| 0.0   | 0.0   | 0   | 18    | ATTENTION DEFICIT/DISRUPTIVE BEH. DISORD |
| 1.1   | 0.4   | 3   | 19    | OTHER MENTAL HEALTH CONDITION            |
| 17.0  | 5.8   | 46  | 20    | OTHER CONDITION                          |
|       | 65.8  | 520 | -9    | INAPPLICABLE, CLIENT TYPE CODED 2        |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 112-113

|             |   |
|-------------|---|
| <b>A39C</b> | <b>A39C. ADMISSION: OTHER DIAGNOSIS_2</b> |
|-------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 0.0   | 0.0   | 0   | 0     | NO DIAGNOSIS                             |
| 0.0   | 0.0   | 0   | 1     | ALCOHOL-INDUCED DISORDER                 |
| 1.0   | 0.1   | 1   | 2     | SUBSTANCE-INDUCED DISORDER               |
| 0.0   | 0.0   | 0   | 3     | ALCOHOL INTOXICATION                     |
| 10.2  | 1.3   | 10  | 4     | ALCOHOL DEPENDENCE                       |
| 2.0   | 0.3   | 2   | 5     | OPIOID DEPENDENCE                        |
| 8.2   | 1.0   | 8   | 6     | COCAINE DEPENDENCE                       |
| 7.1   | 0.9   | 7   | 7     | CANNABIS DEPENDENCE                      |
| 4.1   | 0.5   | 4   | 8     | OTHER SUBSTANCE DEPENDENCE               |
| 3.1   | 0.4   | 3   | 9     | ALCOHOL ABUSE                            |
| 7.1   | 0.9   | 7   | 10    | CANNABIS ABUSE                           |
| 3.1   | 0.4   | 3   | 11    | OTH SUBST ABUSE                          |
| 1.0   | 0.1   | 1   | 12    | OPIOID ABUSE                             |
| 12.2  | 1.5   | 12  | 13    | COCAINE ABUSE                            |
| 1.0   | 0.1   | 1   | 14    | ANXIETY DISORDERS                        |
| 0.0   | 0.0   | 0   | 15    | DEPRESSIVE DISORDERS                     |
| 0.0   | 0.0   | 0   | 16    | SCHIZOPHRENIA/OTHER PSYCHOTIC DISORDERS  |
| 0.0   | 0.0   | 0   | 17    | BIPOLAR DISORDERS                        |
| 0.0   | 0.0   | 0   | 18    | ATTENTION DEFICIT/DISRUPTIVE BEH. DISORD |
| 0.0   | 0.0   | 0   | 19    | OTHER MENTAL HEALTH CONDITION            |
| 39.8  | 4.9   | 39  | 20    | OTHER CONDITION                          |
|       | 87.6  | 692 | -9    | INAPPLICABLE, CLIENT TYPE CODED 2        |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 | cases |  |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 114-115

|             |   |
|-------------|---|
| <b>A39D</b> | <b>A39D. ADMISSION: OTHER DIAGNOSIS_3</b> |
|-------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 0.0   | 0.0   | 0   | 0     | NO DIAGNOSIS                             |
| 0.0   | 0.0   | 0   | 1     | ALCOHOL-INDUCED DISORDER                 |
| 0.0   | 0.0   | 0   | 2     | SUBSTANCE-INDUCED DISORDER               |
| 0.0   | 0.0   | 0   | 3     | ALCOHOL INTOXICATION                     |
| 0.0   | 0.0   | 0   | 4     | ALCOHOL DEPENDENCE                       |
| 0.0   | 0.0   | 0   | 5     | OPIOID DEPENDENCE                        |
| 2.9   | 0.1   | 1   | 6     | COCAINE DEPENDENCE                       |
| 2.9   | 0.1   | 1   | 7     | CANNABIS DEPENDENCE                      |
| 5.7   | 0.3   | 2   | 8     | OTHER SUBSTANCE DEPENDENCE               |
| 0.0   | 0.0   | 0   | 9     | ALCOHOL ABUSE                            |
| 0.0   | 0.0   | 0   | 10    | CANNABIS ABUSE                           |
| 2.9   | 0.1   | 1   | 11    | OTH SUBST ABUSE                          |
| 2.9   | 0.1   | 1   | 12    | OPIOID ABUSE                             |
| 5.7   | 0.3   | 2   | 13    | COCAINE ABUSE                            |
| 0.0   | 0.0   | 0   | 14    | ANXIETY DISORDERS                        |
| 0.0   | 0.0   | 0   | 15    | DEPRESSIVE DISORDERS                     |
| 0.0   | 0.0   | 0   | 16    | SCHIZOPHRENIA/OTHER PSYCHOTIC DISORDERS  |
| 2.9   | 0.1   | 1   | 17    | BIPOLAR DISORDERS                        |
| 0.0   | 0.0   | 0   | 18    | ATTENTION DEFICIT/DISRUPTIVE BEH. DISORD |
| 2.9   | 0.1   | 1   | 19    | OTHER MENTAL HEALTH CONDITION            |
| 71.4  | 3.2   | 25  | 20    | OTHER CONDITION                          |
|       | 95.4  | 754 | -9    | INAPPLICABLE, CLIENT TYPE CODED 2        |
|       | 0.1   | 1   | -5    | MISSING                                  |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 116-117

|             |   |
|-------------|---|
| <b>A39E</b> | <b>A39E. ADMISSION: OTHER DIAGNOSIS_4</b> |
|-------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 0.0   | 0.0   | 0   | 0     | NO DIAGNOSIS                             |
| 0.0   | 0.0   | 0   | 1     | ALCOHOL-INDUCED DISORDER                 |
| 0.0   | 0.0   | 0   | 2     | SUBSTANCE-INDUCED DISORDER               |
| 0.0   | 0.0   | 0   | 3     | ALCOHOL INTOXICATION                     |
| 0.0   | 0.0   | 0   | 4     | ALCOHOL DEPENDENCE                       |
| 0.0   | 0.0   | 0   | 5     | OPIOID DEPENDENCE                        |
| 0.0   | 0.0   | 0   | 6     | COCAINE DEPENDENCE                       |
| 0.0   | 0.0   | 0   | 7     | CANNABIS DEPENDENCE                      |
| 0.0   | 0.0   | 0   | 8     | OTHER SUBSTANCE DEPENDENCE               |
| 0.0   | 0.0   | 0   | 9     | ALCOHOL ABUSE                            |
| 0.0   | 0.0   | 0   | 10    | CANNABIS ABUSE                           |
| 8.0   | 0.3   | 2   | 11    | OTH SUBST ABUSE                          |
| 0.0   | 0.0   | 0   | 12    | OPIOID ABUSE                             |
| 0.0   | 0.0   | 0   | 13    | COCAINE ABUSE                            |
| 0.0   | 0.0   | 0   | 14    | ANXIETY DISORDERS                        |
| 0.0   | 0.0   | 0   | 15    | DEPRESSIVE DISORDERS                     |
| 0.0   | 0.0   | 0   | 16    | SCHIZOPHRENIA/OTHER PSYCHOTIC DISORDERS  |
| 0.0   | 0.0   | 0   | 17    | BIPOLAR DISORDERS                        |
| 0.0   | 0.0   | 0   | 18    | ATTENTION DEFICIT/DISRUPTIVE BEH. DISORD |
| 0.0   | 0.0   | 0   | 19    | OTHER MENTAL HEALTH CONDITION            |
| 92.0  | 2.9   | 23  | 20    | OTHER CONDITION                          |
|       | 96.8  | 765 | -9    | INAPPLICABLE, CLIENT TYPE CODED 2        |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 118-119

|  |
|--|
| <b>SUBSTANCE ABUSE HISTORY INFORMATION</b> |
|--|

|              |                              |
|--------------|------------------------------|
| <b>A40EU</b> | <b>A40. EVER USED: CRACK</b> |
|--------------|------------------------------|

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 59.6  | 27.2  | 215 | 0     | NO/NEVER USED   |
| 40.4  | 18.5  | 146 | 1     | YES             |
|       | 54.3  | 429 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 120-121

|              |   |
|--------------|---|
| <b>A40LU</b> | <b>A40. USED IN LAST 30 DAYS: CRACK</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                    |
|-------|-------|-----|-------|--------------------------|
| VALID | ALL   |     |       |                          |
| 25.8  | 3.9   | 31  | 0     | NO                       |
| 74.2  | 11.3  | 89  | 1     | YES                      |
|       | 27.2  | 215 | -9    | INAPPLICABLE, NEVER USED |
|       | 57.6  | 455 | -7    | NOT ASCERTAINED          |
| ----- | ----- | --- |       |                          |
| 100.0 | 100.0 | 790 | cases |                          |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 122-123

|               |  |
|---------------|--|
| <b>A40AGE</b> | <b>A40. AGE AT FIRST USE (IN YEARS): CRACK</b> |
|---------------|--|

|        |      |          |          |
|--------|------|----------|----------|
| Min    | = 12 | Mean     | = 23.850 |
| Max    | = 41 | Std Dev  | = 7.152  |
| Median | = 22 | Variance | = 51.147 |

(Based on 113 valid cases)

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 124-125



|              |                               |
|--------------|-------------------------------|
| <b>A42EU</b> | <b>A42. EVER USED: HEROIN</b> |
|--------------|-------------------------------|

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 72.9  | 32.7  | 258 | 0     | NO/NEVER USED   |
| 27.1  | 12.2  | 96  | 1     | YES             |
|       | 55.2  | 436 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 |       | cases           |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 132-133

|              |  |
|--------------|--|
| <b>A42LU</b> | <b>A42. USED IN LAST 30 DAYS: HEROIN</b> |
|--------------|--|

| PCT   | PCT   | N   | VALUE | LABEL                    |
|-------|-------|-----|-------|--------------------------|
| VALID | ALL   |     |       |                          |
| 44.0  | 4.2   | 33  | 0     | NO                       |
| 56.0  | 5.3   | 42  | 1     | YES                      |
|       | 32.7  | 258 | -9    | INAPPLICABLE, NEVER USED |
|       | 57.8  | 457 | -7    | NOT ASCERTAINED          |
| ----- | ----- | --- |       |                          |
| 100.0 | 100.0 | 790 |       | cases                    |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 134-135

|               |   |
|---------------|---|
| <b>A42AGE</b> | <b>A42. AGE AT FIRST USE (IN YEARS): HEROIN</b> |
|---------------|---|

|        |      |          |          |
|--------|------|----------|----------|
| Min    | = 13 | Mean     | = 22.392 |
| Max    | = 40 | Std Dev  | = 7.383  |
| Median | = 20 | Variance | = 54.516 |

(Based on 74 valid cases)

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 136-137



|              |                                      |
|--------------|--------------------------------------|
| <b>A44EU</b> | <b>A44. EVER USED: OTHER OPIATES</b> |
|--------------|--------------------------------------|

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 90.1  | 34.7  | 274 | 0     | NO/NEVER USED   |
| 9.9   | 3.8   | 30  | 1     | YES             |
|       | 61.5  | 486 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 144-145

|              |   |
|--------------|---|
| <b>A44LU</b> | <b>A44. USED IN LAST 30 DAYS: OTHER OPIATES</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                    |
|-------|-------|-----|-------|--------------------------|
| VALID | ALL   |     |       |                          |
| 64.0  | 2.0   | 16  | 0     | NO                       |
| 36.0  | 1.1   | 9   | 1     | YES                      |
|       | 34.7  | 274 | -9    | INAPPLICABLE, NEVER USED |
|       | 62.2  | 491 | -7    | NOT ASCERTAINED          |
| ----- | ----- | --- |       |                          |
| 100.0 | 100.0 | 790 | cases |                          |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 146-147

|               |  |
|---------------|--|
| <b>A44AGE</b> | <b>A44. AGE AT FIRST USE (IN YEARS): OTHER OPIATES</b> |
|---------------|--|

|        |      |          |          |
|--------|------|----------|----------|
| Min    | = 12 | Mean     | = 23.960 |
| Max    | = 45 | Std Dev  | = 7.722  |
| Median | = 24 | Variance | = 59.623 |

(Based on 25 valid cases)

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 148-149



|              |  |
|--------------|--|
| <b>A46EU</b> | <b>A46. EVER USED: BENZODIAZEPINES</b> |
|--------------|--|

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 89.5  | 35.6  | 281 | 0     | NO/NEVER USED   |
| 10.5  | 4.2   | 33  | 1     | YES             |
|       | 60.3  | 476 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 156-157

|              |   |
|--------------|---|
| <b>A46LU</b> | <b>A46. USED IN LAST 30 DAYS: BENZODIAZEPINES</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                    |
|-------|-------|-----|-------|--------------------------|
| VALID | ALL   |     |       |                          |
| 60.0  | 1.9   | 15  | 0     | NO                       |
| 40.0  | 1.3   | 10  | 1     | YES                      |
|       | 35.6  | 281 | -9    | INAPPLICABLE, NEVER USED |
|       | 61.3  | 484 | -7    | NOT ASCERTAINED          |
| ----- | ----- | --- |       |                          |
| 100.0 | 100.0 | 790 | cases |                          |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 158-159

|               |  |
|---------------|--|
| <b>A46AGE</b> | <b>A46. AGE AT FIRST USE (IN YEARS): BENZODIAZEPINES</b> |
|---------------|--|

|        |      |          |          |
|--------|------|----------|----------|
| Min    | = 12 | Mean     | = 21.133 |
| Max    | = 34 | Std Dev  | = 6.707  |
| Median | = 21 | Variance | = 44.981 |

(Based on 15 valid cases)

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 160-161



|              |                                     |
|--------------|-------------------------------------|
| <b>A48EU</b> | <b>A48. EVER USED: AMPHETAMINES</b> |
|--------------|-------------------------------------|

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 71.5  | 32.4  | 256 | 0     | NO/NEVER USED   |
| 28.5  | 12.9  | 102 | 1     | YES             |
|       | 54.7  | 432 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 168-169

|              |  |
|--------------|--|
| <b>A48LU</b> | <b>A48. USED IN LAST 30 DAYS: AMPHETAMINES</b> |
|--------------|--|

| PCT   | PCT   | N   | VALUE | LABEL                    |
|-------|-------|-----|-------|--------------------------|
| VALID | ALL   |     |       |                          |
| 73.8  | 7.5   | 59  | 0     | NO                       |
| 26.2  | 2.7   | 21  | 1     | YES                      |
|       | 32.4  | 256 | -9    | INAPPLICABLE, NEVER USED |
|       | 57.5  | 454 | -7    | NOT ASCERTAINED          |
| ----- | ----- | --- |       |                          |
| 100.0 | 100.0 | 790 | cases |                          |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 170-171

|               |   |
|---------------|---|
| <b>A48AGE</b> | <b>A48. AGE AT FIRST USE (IN YEARS): AMPHETAMINES</b> |
|---------------|---|

|        |      |          |          |
|--------|------|----------|----------|
| Min    | = 12 | Mean     | = 20.610 |
| Max    | = 45 | Std Dev  | = 5.948  |
| Median | = 19 | Variance | = 35.377 |

(Based on 82 valid cases)

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 172-173



|              |                                      |
|--------------|--------------------------------------|
| <b>A50EU</b> | <b>A50. EVER USED: HALLUCINOGENS</b> |
|--------------|--------------------------------------|

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 72.6  | 31.1  | 246 | 0     | NO/NEVER USED   |
| 27.4  | 11.8  | 93  | 1     | YES             |
|       | 57.1  | 451 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 180-181

|              |   |
|--------------|---|
| <b>A50LU</b> | <b>A50. USED IN LAST 30 DAYS: HALLUCINOGENS</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                    |
|-------|-------|-----|-------|--------------------------|
| VALID | ALL   |     |       |                          |
| 92.0  | 8.7   | 69  | 0     | NO                       |
| 8.0   | 0.8   | 6   | 1     | YES                      |
|       | 31.1  | 246 | -9    | INAPPLICABLE, NEVER USED |
|       | 59.4  | 469 | -7    | NOT ASCERTAINED          |
| ----- | ----- | --- |       |                          |
| 100.0 | 100.0 | 790 | cases |                          |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 182-183

|               |  |
|---------------|--|
| <b>A50AGE</b> | <b>A50. AGE AT FIRST USE (IN YEARS): HALLUCINOGENS</b> |
|---------------|--|

|        |   |    |          |   |        |
|--------|---|----|----------|---|--------|
| Min    | = | 7  | Mean     | = | 17.224 |
| Max    | = | 29 | Std Dev  | = | 3.630  |
| Median | = | 17 | Variance | = | 13.176 |

(Based on 67 valid cases)

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 184-185



A52EU

A52. EVER USED: OVER-THE-COUNTER

| PCT   | PCT   | N    | VALUE | LABEL           |
|-------|-------|------|-------|-----------------|
| VALID | ALL   |      |       |                 |
| 98.9  | 35.7  | 282  | 0     | NO/NEVER USED   |
| 1.1   | 0.4   | 3    | 1     | YES             |
|       | 63.9  | 505  | -7    | NOT ASCERTAINED |
| ----- | ----- | ---- |       |                 |
| 100.0 | 100.0 | 790  |       | cases           |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 192-193

|               |   |
|---------------|---|
| <b>A520TH</b> | <b>A52. OVER-THE-COUNTER DRUG SPECIFIED</b> |
|---------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                             |
|-------|-------|-----|-------|-----------------------------------|
| VALID | ALL   |     |       |                                   |
| 0.0   | 0.0   | 0   | 1     | MIDOL/BENEDRYL                    |
| 0.0   | 0.0   | 0   | 2     | EXTRA STRENGTH TYLENOL NIGHT TIME |
| 0.0   | 0.0   | 0   | 3     | TYLENOL                           |
| 0.0   | 0.0   | 0   | 4     | BENEDRYL/CAFFEINE PILLS           |
| 0.0   | 0.0   | 0   | 5     | TAGAMENT                          |
| 50.0  | 0.1   | 1   | 6     | NYQUIL                            |
| 0.0   | 0.0   | 0   | 7     | COUGH MEDICINE, COUGH SYRUP       |
| 0.0   | 0.0   | 0   | 8     | ZOLOFT 200                        |
| 0.0   | 0.0   | 0   | 9     | CODINE                            |
| 0.0   | 0.0   | 0   | 10    | CAFFEINE PILLS, NO DOZ, CAFFEINE  |
| 0.0   | 0.0   | 0   | 11    | IBUPROFEN AND MIDOL               |
| 50.0  | 0.1   | 1   | 12    | MINITHINS                         |
| 0.0   | 0.0   | 0   | 13    | ASPIRIN                           |
| 0.0   | 0.0   | 0   | 14    | EPIDREINE                         |
| 0.0   | 0.0   | 0   | 15    | DIET PILLS                        |
| 0.0   | 0.0   | 0   | 16    | TYLENOL WITH CODEINE              |
| 0.0   | 0.0   | 0   | 17    | MULTIVITAMIN                      |
| 0.0   | 0.0   | 0   | 18    | PAIN PILLS                        |
| 0.0   | 0.0   | 0   | 19    | ADVIL, IBUPROFIN, MOTRIN          |
| 0.0   | 0.0   | 0   | 20    | ELAVIL                            |
| 0.0   | 0.0   | 0   | 21    | DRAMAMIN                          |
| 0.0   | 0.0   | 0   | 22    | UNISOM                            |
| 0.0   | 0.0   | 0   | 23    | AFFEDRIN                          |
| 0.0   | 0.0   | 0   | 24    | ALEVE                             |
| 0.0   | 0.0   | 0   | 25    | SLEEPING PILLS                    |
| 0.0   | 0.0   | 0   | 26    | XANAX                             |
| 0.0   | 0.0   | 0   | 27    | VICODIN                           |
| 0.0   | 0.0   | 0   | 28    | DARVACOT                          |
|       | 99.6  | 787 | -9    | INAPPLICABLE                      |
|       | 0.1   | 1   | -7    | NOT ASCERTAINED                   |
| ----- | ----- | --- |       |                                   |
| 100.0 | 100.0 | 790 | cases |                                   |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 194-195

|              |  |
|--------------|--|
| <b>A52LU</b> | <b>A52. USED IN LAST 30 DAYS: OVER-THE-COUNTER</b> |
|--------------|--|

| PCT   | PCT   | N   | VALUE | LABEL                    |
|-------|-------|-----|-------|--------------------------|
| VALID | ALL   |     |       |                          |
| 50.0  | 0.1   | 1   | 0     | NO                       |
| 50.0  | 0.1   | 1   | 1     | YES                      |
|       | 35.7  | 282 | -9    | INAPPLICABLE, NEVER USED |
|       | 64.1  | 506 | -7    | NOT ASCERTAINED          |
| ----- | ----- | --- |       |                          |
| 100.0 | 100.0 | 790 | cases |                          |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 196-197

|               |   |
|---------------|---|
| <b>A52AGE</b> | <b>A52. AGE AT FIRST USE (IN YEARS): OVER-THE-COUNTER</b> |
|---------------|---|

|        |      |          |           |
|--------|------|----------|-----------|
| Min    | = 12 | Mean     | = 21.000  |
| Max    | = 30 | Std Dev  | = 12.728  |
| Median | = 21 | Variance | = 162.000 |

(Based on 2 valid cases)

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 198-199

|              |                                |
|--------------|--------------------------------|
| <b>A53EU</b> | <b>A53. EVER USED: ALCOHOL</b> |
|--------------|--------------------------------|

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 4.4   | 3.8   | 30  | 0     | NO/NEVER USED   |
| 95.6  | 82.9  | 655 | 1     | YES             |
|       | 13.3  | 105 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 200-201

**A53LU** **A53. USED IN LAST 30 DAYS: ALCOHOL**

| PCT   | PCT   | N   | VALUE | LABEL                    |
|-------|-------|-----|-------|--------------------------|
| VALID | ALL   |     |       |                          |
| 22.7  | 15.2  | 120 | 0     | NO                       |
| 77.3  | 51.6  | 408 | 1     | YES                      |
|       | 3.8   | 30  | -9    | INAPPLICABLE, NEVER USED |
|       | 29.4  | 232 | -7    | NOT ASCERTAINED          |
| ----- | ----- | --- |       |                          |
| 100.0 | 100.0 | 790 | cases |                          |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 202-203

**A53AGE** **A53. AGE AT FIRST USE (IN YEARS): ALCOHOL**

|        |   |    |          |   |        |
|--------|---|----|----------|---|--------|
| Min    | = | 4  | Mean     | = | 15.671 |
| Max    | = | 45 | Std Dev  | = | 4.561  |
| Median | = | 15 | Variance | = | 20.803 |

(Based on 489 valid cases)

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 204-205

**A54EU** **A54. EVER USED: TOBACCO**

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 49.2  | 20.4  | 161 | 0     | NO/NEVER USED   |
| 50.8  | 21.0  | 166 | 1     | YES             |
|       | 58.6  | 463 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 206-207

|              |   |
|--------------|---|
| <b>A54LU</b> | <b>A54. USED IN LAST 30 DAYS: TOBACCO</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                    |
|-------|-------|-----|-------|--------------------------|
| VALID | ALL   |     |       |                          |
| 4.1   | 0.8   | 6   | 0     | NO                       |
| 95.9  | 17.8  | 141 | 1     | YES                      |
|       | 20.4  | 161 | -9    | INAPPLICABLE, NEVER USED |
|       | 61.0  | 482 | -7    | NOT ASCERTAINED          |
| ----- | ----- | --- |       |                          |
| 100.0 | 100.0 | 790 | cases |                          |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 208-209

|               |  |
|---------------|--|
| <b>A54AGE</b> | <b>A54. AGE AT FIRST USE (IN YEARS): TOBACCO</b> |
|---------------|--|

|        |   |    |          |   |        |
|--------|---|----|----------|---|--------|
| Min    | = | 9  | Mean     | = | 15.396 |
| Max    | = | 28 | Std Dev  | = | 3.692  |
| Median | = | 15 | Variance | = | 13.628 |

(Based on 53 valid cases)

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 210-211

|              |   |
|--------------|---|
| <b>A55EU</b> | <b>A55. EVER USED: ANY OTHER DRUG_1</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 96.9  | 35.4  | 280 | 0     | NO/NEVER USED   |
| 3.1   | 1.1   | 9   | 1     | YES             |
|       | 63.4  | 501 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 212-213



|              |   |
|--------------|---|
| <b>A56EU</b> | <b>A56. EVER USED: ANY OTHER DRUG_2</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 100.0 | 35.1  | 277 | 0     | NO/NEVER USED   |
| 0.0   | 0.0   | 0   | 1     | YES             |
|       | 64.9  | 513 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 218-219

|               |  |
|---------------|--|
| <b>A56OTH</b> | <b>A56. ANY OTHER DRUG_2: SECOND SPECIFIED</b> |
|---------------|--|

790 cases (Range of valid codes: nan--2,147,483,648)

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 472-473

|              |  |
|--------------|--|
| <b>A56LU</b> | <b>A56. USED IN LAST 30 DAYS: ANY OTHER DRUG_2</b> |
|--------------|--|

| PCT   | PCT   | N   | VALUE | LABEL                    |
|-------|-------|-----|-------|--------------------------|
| VALID | ALL   |     |       |                          |
| 0.0   | 0.0   | 0   | 0     | NO                       |
| 0.0   | 0.0   | 0   | 1     | YES                      |
|       | 35.1  | 277 | -9    | INAPPLICABLE, NEVER USED |
|       | 64.9  | 513 | -7    | NOT ASCERTAINED          |
| ----- | ----- | --- |       |                          |
| 100.0 | 100.0 | 790 | cases |                          |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 220-221

|               |   |
|---------------|---|
| <b>A56AGE</b> | <b>A56. AGE AT FIRST USE (IN YEARS): ANY OTHER DRUG_2</b> |
|---------------|---|

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 222-223

|            |  |
|------------|--|
| <b>A57</b> | <b>A57. SUBSTANCE OF CHOICE SPECIFIED AT ADMISSION</b> |
|------------|--|

| PCT   | PCT   | N   | VALUE | LABEL                     |
|-------|-------|-----|-------|---------------------------|
| VALID | ALL   |     |       |                           |
| 5.9   | 4.6   | 36  | 0     | NO SUBSTANCE OF CHOICE    |
| 10.5  | 8.1   | 64  | 40    | CRACK                     |
| 10.5  | 8.1   | 64  | 41    | COCAINE                   |
| 6.7   | 5.2   | 41  | 42    | HEROIN                    |
| 0.0   | 0.0   | 0   | 43    | METHADONE-NON-TX          |
| 1.2   | 0.9   | 7   | 44    | OTHER OPIATES             |
| 0.2   | 0.1   | 1   | 45    | BARBITURATES              |
| 0.0   | 0.0   | 0   | 46    | BENZODIZEPINES            |
| 0.0   | 0.0   | 0   | 47    | OTHER SEDATIVES/HYPNOTICS |
| 1.8   | 1.4   | 11  | 48    | AMPHETAMINES              |
| 6.9   | 5.3   | 42  | 49    | MARIJUANA, HASHISH, THC   |
| 0.0   | 0.0   | 0   | 50    | HALLUCINOGENS             |
| 0.2   | 0.1   | 1   | 51    | INHALANTS                 |
| 0.0   | 0.0   | 0   | 52    | OVER-THE-COUNTER          |
| 55.9  | 43.0  | 340 | 53    | ALCOHOL                   |
| 0.2   | 0.1   | 1   | 54    | TOBACCO                   |
| 0.0   | 0.0   | 0   | 55    | OTHER DRUG1               |
| 0.0   | 0.0   | 0   | 56    | OTHER DRUG2               |
| 0.0   | 0.0   | 0   | 96    | MULTIPLE DRUGS NAMED      |
|       | 23.0  | 182 | -7    | NOT ASCERTAINED           |
| ----- | ----- | --- |       |                           |
| 100.0 | 100.0 | 790 |       | cases                     |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 224-225

|             |  |
|-------------|--|
| <b>A58A</b> | <b>A58A. INJECTION DRUG USER: EVER</b> |
|-------------|--|

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 85.6  | 37.0  | 292 | 0     | NO              |
| 14.4  | 6.2   | 49  | 1     | YES             |
|       | 56.8  | 449 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 |       | cases           |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 226-227

**A58B****A58B. INJECTION DRUG USER: AT ADMISSION**

| PCT   | PCT   | N    | VALUE | LABEL           |
|-------|-------|------|-------|-----------------|
| VALID | ALL   |      |       |                 |
| 45.7  | 2.0   | 16   | 0     | NO              |
| 54.3  | 2.4   | 19   | 1     | YES             |
|       | 93.8  | 741  | -9    | INAPPLICABLE    |
|       | 1.8   | 14   | -7    | NOT ASCERTAINED |
| ----- | ----- | ---- |       |                 |
| 100.0 | 100.0 | 790  | cases |                 |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 228-229

**A58C****A58C. INJECTION DRUG USER: FREQUENCY AT ADMISSION**

| PCT   | PCT   | N    | VALUE | LABEL                   |
|-------|-------|------|-------|-------------------------|
| VALID | ALL   |      |       |                         |
| 80.0  | 1.5   | 12   | 1     | DAILY                   |
| 13.3  | 0.3   | 2    | 2     | REGULARLY BUT NOT DAILY |
| 6.7   | 0.1   | 1    | 3     | SPORADICALLY            |
|       | 97.6  | 771  | -9    | INAPPLICABLE            |
|       | 0.5   | 4    | -7    | NOT ASCERTAINED         |
| ----- | ----- | ---- |       |                         |
| 100.0 | 100.0 | 790  | cases |                         |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 230-231



**A60B****A60B. TESTS CONDUCTED: SERUM/BLOOD**

Type(s) of substance abuse tests conducted while in treatment:

Serum/Blood

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 96.9  | 7.8   | 62  | 0     | NO              |
| 3.1   | 0.3   | 2   | 1     | YES             |
|       | 90.5  | 715 | -9    | INAPPLICABLE    |
|       | 1.4   | 11  | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 236-237

**A60C****A60C. TESTS CONDUCTED: OTHER (SPECIFY)**

Type(s) of substance abuse tests conducted while in treatment:

Other

| PCT   | PCT   | N   | VALUE | LABEL                   |
|-------|-------|-----|-------|-------------------------|
| VALID | ALL   |     |       |                         |
| 100.0 | 8.1   | 64  | 0     | NO                      |
| 0.0   | 0.0   | 0   | 1     | YES, TYPE NOT SPECIFIED |
| 0.0   | 0.0   | 0   | 2     | BREATH, BREATHALIZER    |
| 0.0   | 0.0   | 0   | 3     | DRUG PANEL 5-EMIT       |
| 0.0   | 0.0   | 0   | 4     | YES-RPR                 |
|       | 90.5  | 715 | -9    | INAPPLICABLE            |
|       | 1.4   | 11  | -7    | YES-NOT ASCERTAINED     |
| ----- | ----- | --- |       |                         |
| 100.0 | 100.0 | 790 | cases |                         |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 238-239



|                |   |
|----------------|---|
| <b>A62FTHC</b> | <b>A62FTHC. FIRST TEST, POSITIVE RESULTS: THC/MARIJUANA</b> |
|----------------|---|

| PCT   | PCT   | N   | VALUE | LABEL            |
|-------|-------|-----|-------|------------------|
| VALID | ALL   |     |       |                  |
| 100.0 | 1.8   | 14  | 1     | POSITIVE RESULTS |
|       | 98.2  | 776 | -9    | INAPPLICABLE     |
| ----- | ----- | --- |       |                  |
| 100.0 | 100.0 | 790 |       | cases            |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 246-247

|                |  |
|----------------|--|
| <b>A62FOTH</b> | <b>A62FOTH. FIRST TEST, POSITIVE RESULTS: OTHER DRUG/ALCOHOL</b> |
|----------------|--|

| PCT   | PCT   | N   | VALUE | LABEL            |
|-------|-------|-----|-------|------------------|
| VALID | ALL   |     |       |                  |
| 100.0 | 0.9   | 7   | 1     | POSITIVE RESULTS |
|       | 99.1  | 783 | -9    | INAPPLICABLE     |
| ----- | ----- | --- |       |                  |
| 100.0 | 100.0 | 790 |       | cases            |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 248-249

|               |   |
|---------------|---|
| <b>A62LOP</b> | <b>A62LOP. LAST TEST, POSITIVE RESULTS: OPIATES</b> |
|---------------|---|

| PCT   | PCT   | N   | VALUE | LABEL            |
|-------|-------|-----|-------|------------------|
| VALID | ALL   |     |       |                  |
| 0.0   | 0.0   | 0   | 1     | POSITIVE RESULTS |
|       | 100.0 | 790 | -9    | INAPPLICABLE     |
| ----- | ----- | --- |       |                  |
| 100.0 | 100.0 | 790 |       | cases            |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 250-251

**A62LCO                      A62LCO. LAST TEST, POSITIVE RESULTS: COCAINE**

| PCT   | PCT   | N   | VALUE | LABEL            |
|-------|-------|-----|-------|------------------|
| VALID | ALL   |     |       |                  |
| 100.0 | 0.4   | 3   | 1     | POSITIVE RESULTS |
|       | 99.6  | 787 | -9    | INAPPLICABLE     |
| ----- | ----- | --- |       |                  |
| 100.0 | 100.0 | 790 | cases |                  |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 252-253

**A62LTHC                      A62LTHC. LAST TEST, POSITIVE RESULTS: THC/MARIJUANA**

| PCT   | PCT   | N   | VALUE | LABEL            |
|-------|-------|-----|-------|------------------|
| VALID | ALL   |     |       |                  |
| 100.0 | 0.3   | 2   | 1     | POSITIVE RESULTS |
|       | 99.7  | 788 | -9    | INAPPLICABLE     |
| ----- | ----- | --- |       |                  |
| 100.0 | 100.0 | 790 | cases |                  |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 254-255

**A62LOTH                      A62LOTH. LAST TEST, POSITIVE RESULTS: OTHER DRUG/ALCOHOL**

| PCT   | PCT   | N   | VALUE | LABEL            |
|-------|-------|-----|-------|------------------|
| VALID | ALL   |     |       |                  |
| 0.0   | 0.0   | 0   | 1     | POSITIVE RESULTS |
|       | 100.0 | 790 | -9    | INAPPLICABLE     |
| ----- | ----- | --- |       |                  |
| 100.0 | 100.0 | 790 | cases |                  |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 256-257





|              |   |
|--------------|---|
| <b>A65AD</b> | <b>A65A. DISCHARGE STATUS: SA TRMT_1 IN 12 MOS PRIOR TO ADMIT</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                        |
|-------|-------|-----|-------|------------------------------|
| VALID | ALL   |     |       |                              |
| 23.2  | 1.6   | 13  | 0     | DID NOT COMPLETE TREATMENT   |
| 76.8  | 5.4   | 43  | 1     | COMPLETED TREATMENT          |
| 0.0   | 0.0   | 0   | 2     | TRANSFERRED TO THIS FACILITY |
|       | 87.6  | 692 | -9    | INAPPLICABLE                 |
|       | 5.3   | 42  | -7    | NOT ASCERTAINED              |
| ----- | ----- | --- |       |                              |
| 100.0 | 100.0 | 790 |       | cases                        |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 270-271

|              |   |
|--------------|---|
| <b>A65BR</b> | <b>A65B. REASON: SA TRMT_2 IN 12 MOS PRIOR TO ADMIT</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                           |
|-------|-------|-----|-------|---------------------------------|
| VALID | ALL   |     |       |                                 |
| 21.1  | 0.5   | 4   | 1     | ALCOHOL ABUSE ONLY              |
| 36.8  | 0.9   | 7   | 2     | DRUG ABUSE ONLY                 |
| 42.1  | 1.0   | 8   | 3     | COMBINED ALCOHOL AND DRUG ABUSE |
|       | 97.3  | 769 | -9    | INAPPLICABLE                    |
|       | 0.3   | 2   | -7    | NOT ASCERTAINED                 |
| ----- | ----- | --- |       |                                 |
| 100.0 | 100.0 | 790 |       | cases                           |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 272-273

|              |   |
|--------------|---|
| <b>A65BF</b> | <b>A65B. FACILITY: SA TRMT_2 IN 12 MOS PRIOR TO ADMIT</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL        |
|-------|-------|-----|-------|--------------|
| VALID | ALL   |     |       |              |
| 14.3  | 0.4   | 3   | 1     | HERE         |
| 85.7  | 2.3   | 18  | 2     | ELSEWHERE    |
|       | 97.3  | 769 | -9    | INAPPLICABLE |
| ----- | ----- | --- |       |              |
| 100.0 | 100.0 | 790 |       | cases        |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 274-275



|              |   |
|--------------|---|
| <b>A65CF</b> | <b>A65C. FACILITY: SA TRMT_3 IN 12 MOS PRIOR TO ADMIT</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL        |
|-------|-------|-----|-------|--------------|
| VALID | ALL   |     |       |              |
| 0.0   | 0.0   | 0   | 1     | HERE         |
| 100.0 | 0.6   | 5   | 2     | ELSEWHERE    |
|       | 99.4  | 785 | -9    | INAPPLICABLE |
| ----- | ----- | --- |       |              |
| 100.0 | 100.0 | 790 | cases |              |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 282-283

|              |   |
|--------------|---|
| <b>A65CT</b> | <b>A65C. TYPE OF CARE: SA TRMT_3 IN 12 MOS PRIOR TO ADMIT</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                    |
|-------|-------|-----|-------|--------------------------|
| VALID | ALL   |     |       |                          |
| 100.0 | 0.6   | 5   | 1     | INPATIENT OR RESIDENTIAL |
| 0.0   | 0.0   | 0   | 2     | OUTPATIENT               |
| 0.0   | 0.0   | 0   | 3     | DETOX                    |
|       | 99.4  | 785 | -9    | INAPPLICABLE             |
| ----- | ----- | --- |       |                          |
| 100.0 | 100.0 | 790 | cases |                          |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 284-285

|              |   |
|--------------|---|
| <b>A65CD</b> | <b>A65C. DISCHARGE STATUS: SA TRMT_3 IN 12 MOS PRIOR TO ADMIT</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                        |
|-------|-------|-----|-------|------------------------------|
| VALID | ALL   |     |       |                              |
| 0.0   | 0.0   | 0   | 0     | DID NOT COMPLETE TREATMENT   |
| 100.0 | 0.5   | 4   | 1     | COMPLETED TREATMENT          |
| 0.0   | 0.0   | 0   | 2     | TRANSFERRED TO THIS FACILITY |
|       | 99.4  | 785 | -9    | INAPPLICABLE                 |
|       | 0.1   | 1   | -7    | NOT ASCERTAINED              |
| ----- | ----- | --- |       |                              |
| 100.0 | 100.0 | 790 | cases |                              |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 286-287



|              |   |
|--------------|---|
| <b>A65DD</b> | <b>A65D. DISCHARGE STATUS: SA TRMT_4 IN 12 MOS PRIOR TO ADMIT</b> |
|--------------|---|

| PCT   | PCT   | N    | VALUE | LABEL                        |
|-------|-------|------|-------|------------------------------|
| VALID | ALL   |      |       |                              |
| 100.0 | 0.3   | 2    | 0     | DID NOT COMPLETE TREATMENT   |
| 0.0   | 0.0   | 0    | 1     | COMPLETED TREATMENT          |
| 0.0   | 0.0   | 0    | 2     | TRANSFERRED TO THIS FACILITY |
|       | 99.7  | 788  | -9    | INAPPLICABLE                 |
| ----- | ----- | ---- |       |                              |
| 100.0 | 100.0 | 790  |       | cases                        |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 294-295

|              |   |
|--------------|---|
| <b>A65ER</b> | <b>A65E. REASON: SA TRMT_5 IN 12 MOS PRIOR TO ADMIT</b> |
|--------------|---|

| PCT   | PCT   | N    | VALUE | LABEL                           |
|-------|-------|------|-------|---------------------------------|
| VALID | ALL   |      |       |                                 |
| 0.0   | 0.0   | 0    | 1     | ALCOHOL ABUSE ONLY              |
| 100.0 | 0.1   | 1    | 2     | DRUG ABUSE ONLY                 |
| 0.0   | 0.0   | 0    | 3     | COMBINED ALCOHOL AND DRUG ABUSE |
|       | 99.9  | 789  | -9    | INAPPLICABLE                    |
| ----- | ----- | ---- |       |                                 |
| 100.0 | 100.0 | 790  |       | cases                           |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 296-297

|              |   |
|--------------|---|
| <b>A65EF</b> | <b>A65E. FACILITY: SA TRMT_5 IN 12 MOS PRIOR TO ADMIT</b> |
|--------------|---|

| PCT   | PCT   | N    | VALUE | LABEL        |
|-------|-------|------|-------|--------------|
| VALID | ALL   |      |       |              |
| 0.0   | 0.0   | 0    | 1     | HERE         |
| 100.0 | 0.1   | 1    | 2     | ELSEWHERE    |
|       | 99.9  | 789  | -9    | INAPPLICABLE |
| ----- | ----- | ---- |       |              |
| 100.0 | 100.0 | 790  |       | cases        |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 298-299



|              |   |
|--------------|---|
| <b>A65FF</b> | <b>A65F. FACILITY: SA TRMT_6 IN 12 MOS PRIOR TO ADMIT</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 0.0   | 0.0   | 0   | 1     | HERE            |
| 0.0   | 0.0   | 0   | 2     | ELSEWHERE       |
|       | 99.9  | 789 | -9    | INAPPLICABLE    |
|       | 0.1   | 1   | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 306-307

|              |   |
|--------------|---|
| <b>A65FT</b> | <b>A65F. TYPE OF CARE: SA TRMT_6 IN 12 MOS PRIOR TO ADMIT</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                    |
|-------|-------|-----|-------|--------------------------|
| VALID | ALL   |     |       |                          |
| 0.0   | 0.0   | 0   | 1     | INPATIENT OR RESIDENTIAL |
| 0.0   | 0.0   | 0   | 2     | OUTPATIENT               |
| 0.0   | 0.0   | 0   | 3     | DETOX                    |
|       | 99.9  | 789 | -9    | INAPPLICABLE             |
|       | 0.1   | 1   | -7    | NOT ASCERTAINED          |
| ----- | ----- | --- |       |                          |
| 100.0 | 100.0 | 790 | cases |                          |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 308-309

|              |   |
|--------------|---|
| <b>A65FD</b> | <b>A65F. DISCHARGE STATUS: SA TRMT_6 IN 12 MOS PRIOR TO ADMIT</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                        |
|-------|-------|-----|-------|------------------------------|
| VALID | ALL   |     |       |                              |
| 0.0   | 0.0   | 0   | 0     | DID NOT COMPLETE TREATMENT   |
| 0.0   | 0.0   | 0   | 1     | COMPLETED TREATMENT          |
| 0.0   | 0.0   | 0   | 2     | TRANSFERRED TO THIS FACILITY |
|       | 99.9  | 789 | -9    | INAPPLICABLE                 |
|       | 0.1   | 1   | -7    | NOT ASCERTAINED              |
| ----- | ----- | --- |       |                              |
| 100.0 | 100.0 | 790 | cases |                              |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 310-311

**A65GR** **A65G. REASON: SA TRMT\_7 IN 12 MOS PRIOR TO ADMIT**

| PCT   | PCT   | N   | VALUE | LABEL                           |
|-------|-------|-----|-------|---------------------------------|
| VALID | ALL   |     |       |                                 |
| 0.0   | 0.0   | 0   | 1     | ALCOHOL ABUSE ONLY              |
| 0.0   | 0.0   | 0   | 2     | DRUG ABUSE ONLY                 |
| 0.0   | 0.0   | 0   | 3     | COMBINED ALCOHOL AND DRUG ABUSE |
|       | 100.0 | 790 | -9    | INAPPLICABLE                    |
| ----- | ----- | --- |       |                                 |
| 100.0 | 100.0 | 790 |       | cases                           |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 312-313

**A65GF** **A65G. FACILITY: SA TRMT\_7 IN 12 MOS PRIOR TO ADMIT**

| PCT   | PCT   | N   | VALUE | LABEL        |
|-------|-------|-----|-------|--------------|
| VALID | ALL   |     |       |              |
| 0.0   | 0.0   | 0   | 1     | HERE         |
| 0.0   | 0.0   | 0   | 2     | ELSEWHERE    |
|       | 100.0 | 790 | -9    | INAPPLICABLE |
| ----- | ----- | --- |       |              |
| 100.0 | 100.0 | 790 |       | cases        |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 314-315

**A65GT** **A65G. TYPE OF CARE: SA TRMT\_7 IN 12 MOS PRIOR TO ADMIT**

| PCT   | PCT   | N   | VALUE | LABEL                    |
|-------|-------|-----|-------|--------------------------|
| VALID | ALL   |     |       |                          |
| 0.0   | 0.0   | 0   | 1     | INPATIENT OR RESIDENTIAL |
| 0.0   | 0.0   | 0   | 2     | OUTPATIENT               |
| 0.0   | 0.0   | 0   | 3     | DETOX                    |
|       | 100.0 | 790 | -9    | INAPPLICABLE             |
| ----- | ----- | --- |       |                          |
| 100.0 | 100.0 | 790 |       | cases                    |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 316-317

|              |   |
|--------------|---|
| <b>A65GD</b> | <b>A65G. DISCHARGE STATUS: SA TRMT_7 IN 12 MOS PRIOR TO ADMIT</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                        |
|-------|-------|-----|-------|------------------------------|
| VALID | ALL   |     |       |                              |
| 0.0   | 0.0   | 0   | 0     | DID NOT COMPLETE TREATMENT   |
| 0.0   | 0.0   | 0   | 1     | COMPLETED TREATMENT          |
| 0.0   | 0.0   | 0   | 2     | TRANSFERRED TO THIS FACILITY |
|       | 100.0 | 790 | -9    | INAPPLICABLE                 |
| ----- | ----- | --- |       |                              |
| 100.0 | 100.0 | 790 |       | cases                        |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 318-319

|              |   |
|--------------|---|
| <b>A65HR</b> | <b>A65H. REASON: SA TRMT_8 IN 12 MOS PRIOR TO ADMIT</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                           |
|-------|-------|-----|-------|---------------------------------|
| VALID | ALL   |     |       |                                 |
| 0.0   | 0.0   | 0   | 1     | ALCOHOL ABUSE ONLY              |
| 0.0   | 0.0   | 0   | 2     | DRUG ABUSE ONLY                 |
| 0.0   | 0.0   | 0   | 3     | COMBINED ALCOHOL AND DRUG ABUSE |
|       | 100.0 | 790 | -9    | INAPPLICABLE                    |
| ----- | ----- | --- |       |                                 |
| 100.0 | 100.0 | 790 |       | cases                           |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 320-321

|              |   |
|--------------|---|
| <b>A65HF</b> | <b>A65H. FACILITY: SA TRMT_8 IN 12 MOS PRIOR TO ADMIT</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL        |
|-------|-------|-----|-------|--------------|
| VALID | ALL   |     |       |              |
| 0.0   | 0.0   | 0   | 1     | HERE         |
| 0.0   | 0.0   | 0   | 2     | ELSEWHERE    |
|       | 100.0 | 790 | -9    | INAPPLICABLE |
| ----- | ----- | --- |       |              |
| 100.0 | 100.0 | 790 |       | cases        |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 322-323

**A65HT**                      **A65H. TYPE OF CARE: SA TRMT\_8 IN 12 MOS PRIOR TO ADMIT**

| PCT   | PCT   | N   | VALUE | LABEL                    |
|-------|-------|-----|-------|--------------------------|
| VALID | ALL   |     |       |                          |
| 0.0   | 0.0   | 0   | 1     | INPATIENT OR RESIDENTIAL |
| 0.0   | 0.0   | 0   | 2     | OUTPATIENT               |
| 0.0   | 0.0   | 0   | 3     | DETOX                    |
|       | 100.0 | 790 | -9    | INAPPLICABLE             |
| ----- | ----- | --- |       |                          |
| 100.0 | 100.0 | 790 |       | cases                    |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 324-325

**A65HD**                      **A65H. DISCHARGE STATUS: SA TRMT\_8 IN 12 MOS PRIOR TO ADMIT**

| PCT   | PCT   | N   | VALUE | LABEL                        |
|-------|-------|-----|-------|------------------------------|
| VALID | ALL   |     |       |                              |
| 0.0   | 0.0   | 0   | 0     | DID NOT COMPLETE TREATMENT   |
| 0.0   | 0.0   | 0   | 1     | COMPLETED TREATMENT          |
| 0.0   | 0.0   | 0   | 2     | TRANSFERRED TO THIS FACILITY |
|       | 100.0 | 790 | -9    | INAPPLICABLE                 |
| ----- | ----- | --- |       |                              |
| 100.0 | 100.0 | 790 |       | cases                        |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 326-327

**A65IR**                      **A65I. REASON: SA TRMT\_9 IN 12 MOS PRIOR TO ADMIT**

| PCT   | PCT   | N   | VALUE | LABEL                           |
|-------|-------|-----|-------|---------------------------------|
| VALID | ALL   |     |       |                                 |
| 0.0   | 0.0   | 0   | 1     | ALCOHOL ABUSE ONLY              |
| 0.0   | 0.0   | 0   | 2     | DRUG ABUSE ONLY                 |
| 0.0   | 0.0   | 0   | 3     | COMBINED ALCOHOL AND DRUG ABUSE |
|       | 100.0 | 790 | -9    | INAPPLICABLE                    |
| ----- | ----- | --- |       |                                 |
| 100.0 | 100.0 | 790 |       | cases                           |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 328-329

|              |   |
|--------------|---|
| <b>A65IF</b> | <b>A65I. FACILITY: SA TRMT_9 IN 12 MOS PRIOR TO ADMIT</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL        |
|-------|-------|-----|-------|--------------|
| VALID | ALL   |     |       |              |
| 0.0   | 0.0   | 0   | 1     | HERE         |
| 0.0   | 0.0   | 0   | 2     | ELSEWHERE    |
|       | 100.0 | 790 | -9    | INAPPLICABLE |
| ----- | ----- | --- |       |              |
| 100.0 | 100.0 | 790 |       | cases        |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 330-331

|              |   |
|--------------|---|
| <b>A65IT</b> | <b>A65I. TYPE OF CARE: SA TRMT_9 IN 12 MOS PRIOR TO ADMIT</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                    |
|-------|-------|-----|-------|--------------------------|
| VALID | ALL   |     |       |                          |
| 0.0   | 0.0   | 0   | 1     | INPATIENT OR RESIDENTIAL |
| 0.0   | 0.0   | 0   | 2     | OUTPATIENT               |
| 0.0   | 0.0   | 0   | 3     | DETOX                    |
|       | 100.0 | 790 | -9    | INAPPLICABLE             |
| ----- | ----- | --- |       |                          |
| 100.0 | 100.0 | 790 |       | cases                    |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 332-333

|              |   |
|--------------|---|
| <b>A65ID</b> | <b>A65I. DISCHARGE STATUS: SA TRMT_9 IN 12 MOS PRIOR TO ADMIT</b> |
|--------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                        |
|-------|-------|-----|-------|------------------------------|
| VALID | ALL   |     |       |                              |
| 0.0   | 0.0   | 0   | 0     | DID NOT COMPLETE TREATMENT   |
| 0.0   | 0.0   | 0   | 1     | COMPLETED TREATMENT          |
| 0.0   | 0.0   | 0   | 2     | TRANSFERRED TO THIS FACILITY |
|       | 100.0 | 790 | -9    | INAPPLICABLE                 |
| ----- | ----- | --- |       |                              |
| 100.0 | 100.0 | 790 |       | cases                        |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 334-335



|              |  |  |  |  |
|--------------|--|--|--|--|
| <b>A65JD</b> | <b>A65J. DISCHARGE STATUS: SA TRMT_10 IN 12 MOS PRIOR TO ADMIT</b> |  |  |  |
|--------------|--|--|--|--|

| PCT   | PCT   | N    | VALUE | LABEL                        |
|-------|-------|------|-------|------------------------------|
| VALID | ALL   |      |       |                              |
| 0.0   | 0.0   | 0    | 0     | DID NOT COMPLETE TREATMENT   |
| 0.0   | 0.0   | 0    | 1     | COMPLETED TREATMENT          |
| 0.0   | 0.0   | 0    | 2     | TRANSFERRED TO THIS FACILITY |
|       | 100.0 | 790  | -9    | INAPPLICABLE                 |
| ----- | ----- | ---- |       |                              |
| 100.0 | 100.0 | 790  |       | cases                        |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 342-343



**A67AN****A67A. NUMBER OF ENCOUNTERS: METHADONE DOSING**

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 100.0 | 0.1   | 1   | 9     |                 |
|       | 84.4  | 667 | -9    | INAPPLICABLE    |
|       | 15.4  | 122 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 348-349

**A67B****A67B. SERVICE GIVEN: INDIVIDUAL THERAPY**

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 86.3  | 71.8  | 567 | 0     | NO                                       |
| 13.7  | 11.4  | 90  | 1     | YES, IN THIS FACILITY                    |
| 0.0   | 0.0   | 0   | 2     | YES, SOMETIMES HERE, SOMETIMES ELSEWHERE |
| 0.0   | 0.0   | 0   | 3     | YES, NOT IN THIS FACILITY                |
|       | 16.8  | 133 | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 | cases |  |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 350-351

**A67BN****A67B. NUMBER OF ENCOUNTERS: INDIVIDUAL THERAPY**

| PCT   | PCT   | N   | VALUE | LABEL        |
|-------|-------|-----|-------|--------------|
| VALID | ALL   |     |       |              |
| 98.9  | 11.0  | 87  | 1     |              |
| 1.1   | 0.1   | 1   | 2     |              |
|       | 71.8  | 567 | -9    | INAPPLICABLE |
|       | 17.1  | 135 | -7    | UNKNOWN      |
| ----- | ----- | --- |       |              |
| 100.0 | 100.0 | 790 | cases |              |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 352-353



**A67DN****A67D. NUMBER OF ENCOUNTERS: FAMILY COUNSELING**

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
|       | 81.4  | 643 | -9    | INAPPLICABLE    |
|       | 18.6  | 147 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 360-361

**A67E****A67E. SERVICE GIVEN: SELF-HELP OR MUTUAL HELP GROUPS**

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 99.7  | 79.4  | 627 | 0     | NO                                       |
| 0.3   | 0.3   | 2   | 1     | YES, IN THIS FACILITY                    |
| 0.0   | 0.0   | 0   | 2     | YES, SOMETIMES HERE, SOMETIMES ELSEWHERE |
| 0.0   | 0.0   | 0   | 3     | YES, NOT IN THIS FACILITY                |
|       | 20.4  | 161 | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 | cases |  |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 362-363

**A67F****A67F. SERVICE GIVEN: HIV OR AIDS COUNSELING/EDUC/SUPPORT**

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 99.7  | 78.4  | 619 | 0     | NO                                       |
| 0.3   | 0.3   | 2   | 1     | YES, IN THIS FACILITY                    |
| 0.0   | 0.0   | 0   | 2     | YES, SOMETIMES HERE, SOMETIMES ELSEWHERE |
| 0.0   | 0.0   | 0   | 3     | YES, NOT IN THIS FACILITY                |
|       | 21.4  | 169 | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 | cases |  |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 364-365

|             |  |
|-------------|--|
| <b>A67G</b> | <b>A67G. SERVICE GIVEN: EMPLOYMENT COUNSELING/TRAINING</b> |
|-------------|--|

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 100.0 | 79.6  | 629 | 0     | NO                                       |
| 0.0   | 0.0   | 0   | 1     | YES, IN THIS FACILITY                    |
| 0.0   | 0.0   | 0   | 2     | YES, SOMETIMES HERE, SOMETIMES ELSEWHERE |
| 0.0   | 0.0   | 0   | 3     | YES, NOT IN THIS FACILITY                |
|       | 20.4  | 161 | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 | cases |  |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 366-367

|             |  |
|-------------|--|
| <b>A67H</b> | <b>A67H. SERVICE GIVEN: ACADEMIC EDUCATION/GED CLASSES</b> |
|-------------|--|

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 100.0 | 79.9  | 631 | 0     | NO                                       |
| 0.0   | 0.0   | 0   | 1     | YES, IN THIS FACILITY                    |
| 0.0   | 0.0   | 0   | 2     | YES, SOMETIMES HERE, SOMETIMES ELSEWHERE |
| 0.0   | 0.0   | 0   | 3     | YES, NOT IN THIS FACILITY                |
|       | 20.1  | 159 | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 | cases |  |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 368-369

**A67I****A67I. SERVICE GIVEN: MEDICAL CARE**

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 97.9  | 78.6  | 621 | 0     | NO                                       |
| 1.9   | 1.5   | 12  | 1     | YES, IN THIS FACILITY                    |
| 0.0   | 0.0   | 0   | 2     | YES, SOMETIMES HERE, SOMETIMES ELSEWHERE |
| 0.2   | 0.1   | 1   | 3     | YES, NOT IN THIS FACILITY                |
|       | 19.7  | 156 | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 370-371

**A67J****A67J. SERVICE GIVEN: COMPREHENSIVE ASSESSMENT/DX**

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 34.5  | 28.5  | 225 | 0     | NO                                       |
| 65.4  | 54.1  | 427 | 1     | YES, IN THIS FACILITY                    |
| 0.0   | 0.0   | 0   | 2     | YES, SOMETIMES HERE, SOMETIMES ELSEWHERE |
| 0.2   | 0.1   | 1   | 3     | YES, NOT IN THIS FACILITY                |
|       | 17.3  | 137 | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 372-373



**A67M****A67M. SERVICE GIVEN: TB SCREENING**

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 97.4  | 77.1  | 609 | 0     | NO                                       |
| 2.2   | 1.8   | 14  | 1     | YES, IN THIS FACILITY                    |
| 0.0   | 0.0   | 0   | 2     | YES, SOMETIMES HERE, SOMETIMES ELSEWHERE |
| 0.3   | 0.3   | 2   | 3     | YES, NOT IN THIS FACILITY                |
|       | 20.9  | 165 | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 378-379

**A67N****A67N. SERVICE GIVEN: TB TREATMENT**

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 99.8  | 79.5  | 628 | 0     | NO                                       |
| 0.2   | 0.1   | 1   | 1     | YES, IN THIS FACILITY                    |
| 0.0   | 0.0   | 0   | 2     | YES, SOMETIMES HERE, SOMETIMES ELSEWHERE |
| 0.0   | 0.0   | 0   | 3     | YES, NOT IN THIS FACILITY                |
|       | 20.4  | 161 | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 380-381

|             |   |
|-------------|---|
| <b>A67O</b> | <b>A67O. SERVICE GIVEN: PRENATAL CARE</b> |
|-------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 100.0 | 79.7  | 630 | 0     | NO                                       |
| 0.0   | 0.0   | 0   | 1     | YES, IN THIS FACILITY                    |
| 0.0   | 0.0   | 0   | 2     | YES, SOMETIMES HERE, SOMETIMES ELSEWHERE |
| 0.0   | 0.0   | 0   | 3     | YES, NOT IN THIS FACILITY                |
|       | 20.3  | 160 | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 | cases |  |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 382-383

|             |   |
|-------------|---|
| <b>A67P</b> | <b>A67P. SERVICE GIVEN: PSYCHOLOGICAL TESTING</b> |
|-------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 96.6  | 76.6  | 605 | 0     | NO                                       |
| 3.4   | 2.7   | 21  | 1     | YES, IN THIS FACILITY                    |
| 0.0   | 0.0   | 0   | 2     | YES, SOMETIMES HERE, SOMETIMES ELSEWHERE |
| 0.0   | 0.0   | 0   | 3     | YES, NOT IN THIS FACILITY                |
|       | 20.8  | 164 | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 | cases |  |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 384-385

**A67Q****A67Q. SERVICE GIVEN: SMOKING CESSATION**

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 99.8  | 79.1  | 625 | 0     | NO                                       |
| 0.2   | 0.1   | 1   | 1     | YES, IN THIS FACILITY                    |
| 0.0   | 0.0   | 0   | 2     | YES, SOMETIMES HERE, SOMETIMES ELSEWHERE |
| 0.0   | 0.0   | 0   | 3     | YES, NOT IN THIS FACILITY                |
|       | 20.8  | 164 | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 386-387

**A67R****A67R. SERVICE GIVEN: ACUPUNCTURE**

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 100.0 | 79.6  | 629 | 0     | NO                                       |
| 0.0   | 0.0   | 0   | 1     | YES, IN THIS FACILITY                    |
| 0.0   | 0.0   | 0   | 2     | YES, SOMETIMES HERE, SOMETIMES ELSEWHERE |
| 0.0   | 0.0   | 0   | 3     | YES, NOT IN THIS FACILITY                |
|       | 20.4  | 161 | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 388-389

|             |  |
|-------------|--|
| <b>A67S</b> | <b>A67S. SERVICE GIVEN: OUTCOME FOLLOWUP</b> |
|-------------|--|

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 100.0 | 79.6  | 629 | 0     | NO                                       |
| 0.0   | 0.0   | 0   | 1     | YES, IN THIS FACILITY                    |
| 0.0   | 0.0   | 0   | 2     | YES, SOMETIMES HERE, SOMETIMES ELSEWHERE |
| 0.0   | 0.0   | 0   | 3     | YES, NOT IN THIS FACILITY                |
|       | 20.4  | 161 | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 | cases |  |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 390-391

|             |                                       |
|-------------|---------------------------------------|
| <b>A67T</b> | <b>A67T. SERVICE GIVEN: AFTERCARE</b> |
|-------------|---------------------------------------|

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 99.8  | 79.5  | 628 | 0     | NO                                       |
| 0.2   | 0.1   | 1   | 1     | YES, IN THIS FACILITY                    |
| 0.0   | 0.0   | 0   | 2     | YES, SOMETIMES HERE, SOMETIMES ELSEWHERE |
| 0.0   | 0.0   | 0   | 3     | YES, NOT IN THIS FACILITY                |
|       | 20.4  | 161 | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 | cases |  |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 392-393

|            |  |
|------------|--|
| <b>A68</b> | <b>A68. ANY MEDICATIONS PRESCRIBED DURING TRTMT (EXCLUDE METH)</b> |
|------------|--|

| PCT   | PCT   | N    | VALUE | LABEL                              |
|-------|-------|------|-------|------------------------------------|
| VALID | ALL   |      |       |                                    |
| 93.2  | 71.4  | 564  | 0     | NO                                 |
| 3.6   | 2.8   | 22   | 1     | YES, ONE LISTED BELOW              |
| 0.8   | 0.6   | 5    | 2     | YES, TWO LISTED BELOW              |
| 1.7   | 1.3   | 10   | 3     | YES, THREE LISTED BELOW            |
| 0.7   | 0.5   | 4    | 4     | YES, MORE THAN THREE, SEE COMMENTS |
|       | 23.4  | 185  | -7    | NOT ASCERTAINED                    |
| ----- | ----- | ---- |       |                                    |
| 100.0 | 100.0 | 790  | cases |                                    |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 394-395

|              |  |
|--------------|--|
| <b>A68A1</b> | <b>A68A. FIRST PRESCRIBED MEDICATION</b> |
|--------------|--|

790 cases (Range of valid codes: 5-425)

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 396-398

|              |   |
|--------------|---|
| <b>A68A2</b> | <b>A68A. SECOND PRESCRIBED MEDICATION</b> |
|--------------|---|

790 cases (Range of valid codes: 4-437)

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 399-401

|              |  |
|--------------|--|
| <b>A68A3</b> | <b>A68A. THIRD PRESCRIBED MEDICATION</b> |
|--------------|--|

790 cases (Range of valid codes: 9-427)

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 402-404



|               |  |
|---------------|--|
| <b>A69CTD</b> | <b>A69CTD. TOTAL DAILY DOSE IN MGS: ONE MONTH AFTER FIRST METH</b> |
|---------------|--|

| PCT   | PCT   | N   | VALUE | LABEL        |
|-------|-------|-----|-------|--------------|
| VALID | ALL   |     |       |              |
|       | 100.0 | 790 | -9    | INAPPLICABLE |
| ----- | ----- | --- |       |              |
| 100.0 | 100.0 | 790 | cases |              |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 409-410

|               |  |
|---------------|--|
| <b>A69DTD</b> | <b>A69DTD. TOTAL DAILY DOSE IN MGS: LAST METHADONE TRTMT</b> |
|---------------|--|

| PCT   | PCT   | N   | VALUE | LABEL        |
|-------|-------|-----|-------|--------------|
| VALID | ALL   |     |       |              |
|       | 100.0 | 790 | -9    | INAPPLICABLE |
| ----- | ----- | --- |       |              |
| 100.0 | 100.0 | 790 | cases |              |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 411-412

|            |   |
|------------|---|
| <b>A70</b> | <b>A70. METHADONE SUPPLY TAKEN HOME DURING THIS TRTMT</b> |
|------------|---|

| PCT   | PCT   | N   | VALUE | LABEL        |
|-------|-------|-----|-------|--------------|
| VALID | ALL   |     |       |              |
| 0.0   | 0.0   | 0   | 0     | NO           |
| 0.0   | 0.0   | 0   | 1     | YES          |
|       | 100.0 | 790 | -9    | INAPPLICABLE |
| ----- | ----- | --- |       |              |
| 100.0 | 100.0 | 790 | cases |              |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 413-414



A74CN

## A74. DISCHARGE: COUNT OF DIAGNOSES

| PCT   | PCT   | N   | VALUE | LABEL                     |
|-------|-------|-----|-------|---------------------------|
| VALID | ALL   |     |       |                           |
| 66.6  | 66.6  | 526 | 0     | NO DIAGNOSIS SPECIFIED    |
| 19.1  | 19.1  | 151 | 1     | ONE DIAGNOSIS SPECIFIED   |
| 9.0   | 9.0   | 71  | 2     | TWO DIAGNOSES SPECIFIED   |
| 4.1   | 4.1   | 32  | 3     | THREE DIAGNOSES SPECIFIED |
| 0.5   | 0.5   | 4   | 4     | FOUR DIAGNOSES SPECIFIED  |
| 0.8   | 0.8   | 6   | 5     | FIVE DIAGNOSES SPECIFIED  |
| 0.0   | 0.0   | 0   | 6     | SIX DIAGNOSES SPECIFIED   |
| 0.0   | 0.0   | 0   | 7     | SEVEN DIAGNOSES SPECIFIED |
| 0.0   | 0.0   | 0   | 8     | EIGHT DIAGNOSES SPECIFIED |
| ----- | ----- | --- |       |                           |
| 100.0 | 100.0 | 790 | cases |                           |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 417-418

|             |   |
|-------------|---|
| <b>A74A</b> | <b>A74A. DISCHARGE: PRIMARY DIAGNOSIS</b> |
|-------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 0.0   | 0.0   | 0   | 0     | NO DIAGNOSIS                             |
| 0.0   | 0.0   | 0   | 1     | ALCOHOL-INDUCED DISORDER                 |
| 0.0   | 0.0   | 0   | 2     | SUBSTANCE-INDUCED DISORDER               |
| 0.0   | 0.0   | 0   | 3     | ALCOHOL INTOXICATION                     |
| 23.4  | 7.6   | 60  | 4     | ALCOHOL DEPENDENCE                       |
| 7.8   | 2.5   | 20  | 5     | OPIOID DEPENDENCE                        |
| 12.5  | 4.1   | 32  | 6     | COCAINE DEPENDENCE                       |
| 5.5   | 1.8   | 14  | 7     | CANNABIS DEPENDENCE                      |
| 5.1   | 1.6   | 13  | 8     | OTHER SUBSTANCE DEPENDENCE               |
| 16.0  | 5.2   | 41  | 9     | ALCOHOL ABUSE                            |
| 2.0   | 0.6   | 5   | 10    | CANNABIS ABUSE                           |
| 4.7   | 1.5   | 12  | 11    | OTH SUBST ABUSE                          |
| 1.2   | 0.4   | 3   | 12    | OPIOID ABUSE                             |
| 1.2   | 0.4   | 3   | 13    | COCAINE ABUSE                            |
| 0.0   | 0.0   | 0   | 14    | ANXIETY DISORDERS                        |
| 0.0   | 0.0   | 0   | 15    | DEPRESSIVE DISORDERS                     |
| 0.0   | 0.0   | 0   | 16    | SCHIZOPHRENIA/OTHER PSYCHOTIC DISORDERS  |
| 0.8   | 0.3   | 2   | 17    | BIPOLAR DISORDERS                        |
| 0.0   | 0.0   | 0   | 18    | ATTENTION DEFICIT/DISRUPTIVE BEH. DISORD |
| 0.4   | 0.1   | 1   | 19    | OTHER MENTAL HEALTH CONDITION            |
| 19.5  | 6.3   | 50  | 20    | OTHER CONDITION                          |
|       | 66.6  | 526 | -9    | INAPPLICABLE, CLIENT TYPE CODED 2        |
|       | 1.0   | 8   | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 419-420

A74B

A74B. DISCHARGE: OTHER DIAGNOSIS\_1

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 0.0   | 0.0   | 0   | 0     | NO DIAGNOSIS                             |
| 0.0   | 0.0   | 0   | 1     | ALCOHOL-INDUCED DISORDER                 |
| 0.0   | 0.0   | 0   | 2     | SUBSTANCE-INDUCED DISORDER               |
| 0.0   | 0.0   | 0   | 3     | ALCOHOL INTOXICATION                     |
| 12.4  | 1.8   | 14  | 4     | ALCOHOL DEPENDENCE                       |
| 1.8   | 0.3   | 2   | 5     | OPIOID DEPENDENCE                        |
| 18.6  | 2.7   | 21  | 6     | COCAINE DEPENDENCE                       |
| 13.3  | 1.9   | 15  | 7     | CANNABIS DEPENDENCE                      |
| 8.0   | 1.1   | 9   | 8     | OTHER SUBSTANCE DEPENDENCE               |
| 8.0   | 1.1   | 9   | 9     | ALCOHOL ABUSE                            |
| 14.2  | 2.0   | 16  | 10    | CANNABIS ABUSE                           |
| 6.2   | 0.9   | 7   | 11    | OTH SUBST ABUSE                          |
| 2.7   | 0.4   | 3   | 12    | OPIOID ABUSE                             |
| 1.8   | 0.3   | 2   | 13    | COCAINE ABUSE                            |
| 0.0   | 0.0   | 0   | 14    | ANXIETY DISORDERS                        |
| 0.0   | 0.0   | 0   | 15    | DEPRESSIVE DISORDERS                     |
| 0.9   | 0.1   | 1   | 16    | SCHIZOPHRENIA/OTHER PSYCHOTIC DISORDERS  |
| 0.0   | 0.0   | 0   | 17    | BIPOLAR DISORDERS                        |
| 0.0   | 0.0   | 0   | 18    | ATTENTION DEFICIT/DISRUPTIVE BEH. DISORD |
| 0.0   | 0.0   | 0   | 19    | OTHER MENTAL HEALTH CONDITION            |
| 12.4  | 1.8   | 14  | 20    | OTHER CONDITION                          |
|       | 85.7  | 677 | -9    | INAPPLICABLE, CLIENT TYPE CODED 2        |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 421-422

|             |   |
|-------------|---|
| <b>A74C</b> | <b>A74C. DISCHARGE: OTHER DIAGNOSIS_2</b> |
|-------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 0.0   | 0.0   | 0   | 0     | NO DIAGNOSIS                             |
| 0.0   | 0.0   | 0   | 1     | ALCOHOL-INDUCED DISORDER                 |
| 0.0   | 0.0   | 0   | 2     | SUBSTANCE-INDUCED DISORDER               |
| 0.0   | 0.0   | 0   | 3     | ALCOHOL INTOXICATION                     |
| 21.4  | 1.1   | 9   | 4     | ALCOHOL DEPENDENCE                       |
| 2.4   | 0.1   | 1   | 5     | OPIOID DEPENDENCE                        |
| 2.4   | 0.1   | 1   | 6     | COCAINE DEPENDENCE                       |
| 14.3  | 0.8   | 6   | 7     | CANNABIS DEPENDENCE                      |
| 4.8   | 0.3   | 2   | 8     | OTHER SUBSTANCE DEPENDENCE               |
| 2.4   | 0.1   | 1   | 9     | ALCOHOL ABUSE                            |
| 9.5   | 0.5   | 4   | 10    | CANNABIS ABUSE                           |
| 7.1   | 0.4   | 3   | 11    | OTH SUBST ABUSE                          |
| 2.4   | 0.1   | 1   | 12    | OPIOID ABUSE                             |
| 19.0  | 1.0   | 8   | 13    | COCAINE ABUSE                            |
| 0.0   | 0.0   | 0   | 14    | ANXIETY DISORDERS                        |
| 0.0   | 0.0   | 0   | 15    | DEPRESSIVE DISORDERS                     |
| 0.0   | 0.0   | 0   | 16    | SCHIZOPHRENIA/OTHER PSYCHOTIC DISORDERS  |
| 0.0   | 0.0   | 0   | 17    | BIPOLAR DISORDERS                        |
| 0.0   | 0.0   | 0   | 18    | ATTENTION DEFICIT/DISRUPTIVE BEH. DISORD |
| 2.4   | 0.1   | 1   | 19    | OTHER MENTAL HEALTH CONDITION            |
| 11.9  | 0.6   | 5   | 20    | OTHER CONDITION                          |
|       | 94.7  | 748 | -9    | INAPPLICABLE, CLIENT TYPE CODED 2        |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 | cases |  |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 423-424

A74D

A74D. DISCHARGE: OTHER DIAGNOSIS\_3

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 0.0   | 0.0   | 0   | 0     | NO DIAGNOSIS                             |
| 0.0   | 0.0   | 0   | 1     | ALCOHOL-INDUCED DISORDER                 |
| 0.0   | 0.0   | 0   | 2     | SUBSTANCE-INDUCED DISORDER               |
| 0.0   | 0.0   | 0   | 3     | ALCOHOL INTOXICATION                     |
| 0.0   | 0.0   | 0   | 4     | ALCOHOL DEPENDENCE                       |
| 0.0   | 0.0   | 0   | 5     | OPIOID DEPENDENCE                        |
| 10.0  | 0.1   | 1   | 6     | COCAINE DEPENDENCE                       |
| 0.0   | 0.0   | 0   | 7     | CANNABIS DEPENDENCE                      |
| 0.0   | 0.0   | 0   | 8     | OTHER SUBSTANCE DEPENDENCE               |
| 0.0   | 0.0   | 0   | 9     | ALCOHOL ABUSE                            |
| 0.0   | 0.0   | 0   | 10    | CANNABIS ABUSE                           |
| 0.0   | 0.0   | 0   | 11    | OTH SUBST ABUSE                          |
| 10.0  | 0.1   | 1   | 12    | OPIOID ABUSE                             |
| 10.0  | 0.1   | 1   | 13    | COCAINE ABUSE                            |
| 0.0   | 0.0   | 0   | 14    | ANXIETY DISORDERS                        |
| 0.0   | 0.0   | 0   | 15    | DEPRESSIVE DISORDERS                     |
| 0.0   | 0.0   | 0   | 16    | SCHIZOPHRENIA/OTHER PSYCHOTIC DISORDERS  |
| 10.0  | 0.1   | 1   | 17    | BIPOLAR DISORDERS                        |
| 0.0   | 0.0   | 0   | 18    | ATTENTION DEFICIT/DISRUPTIVE BEH. DISORD |
| 0.0   | 0.0   | 0   | 19    | OTHER MENTAL HEALTH CONDITION            |
| 60.0  | 0.8   | 6   | 20    | OTHER CONDITION                          |
|       | 98.7  | 780 | -9    | INAPPLICABLE, CLIENT TYPE CODED 2        |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 425-426

**A74E** **A74E. DISCHARGE: OTHER DIAGNOSIS\_4**

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 0.0   | 0.0   | 0   | 0     | NO DIAGNOSIS                             |
| 0.0   | 0.0   | 0   | 1     | ALCOHOL-INDUCED DISORDER                 |
| 0.0   | 0.0   | 0   | 2     | SUBSTANCE-INDUCED DISORDER               |
| 0.0   | 0.0   | 0   | 3     | ALCOHOL INTOXICATION                     |
| 0.0   | 0.0   | 0   | 4     | ALCOHOL DEPENDENCE                       |
| 0.0   | 0.0   | 0   | 5     | OPIOID DEPENDENCE                        |
| 0.0   | 0.0   | 0   | 6     | COCAINE DEPENDENCE                       |
| 0.0   | 0.0   | 0   | 7     | CANNABIS DEPENDENCE                      |
| 0.0   | 0.0   | 0   | 8     | OTHER SUBSTANCE DEPENDENCE               |
| 0.0   | 0.0   | 0   | 9     | ALCOHOL ABUSE                            |
| 0.0   | 0.0   | 0   | 10    | CANNABIS ABUSE                           |
| 0.0   | 0.0   | 0   | 11    | OTH SUBST ABUSE                          |
| 0.0   | 0.0   | 0   | 12    | OPIOID ABUSE                             |
| 0.0   | 0.0   | 0   | 13    | COCAINE ABUSE                            |
| 0.0   | 0.0   | 0   | 14    | ANXIETY DISORDERS                        |
| 0.0   | 0.0   | 0   | 15    | DEPRESSIVE DISORDERS                     |
| 0.0   | 0.0   | 0   | 16    | SCHIZOPHRENIA/OTHER PSYCHOTIC DISORDERS  |
| 0.0   | 0.0   | 0   | 17    | BIPOLAR DISORDERS                        |
| 0.0   | 0.0   | 0   | 18    | ATTENTION DEFICIT/DISRUPTIVE BEH. DISORD |
| 0.0   | 0.0   | 0   | 19    | OTHER MENTAL HEALTH CONDITION            |
| 100.0 | 0.8   | 6   | 20    | OTHER CONDITION                          |
|       | 99.2  | 784 | -9    | INAPPLICABLE, CLIENT TYPE CODED 2        |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 427-428

**A75** **A75. DUAL DIAGNOSIS: SA/MENTAL ILLNESS AT DISCHARGE**

| PCT   | PCT   | N   | VALUE | LABEL                             |
|-------|-------|-----|-------|-----------------------------------|
| VALID | ALL   |     |       |                                   |
| 90.7  | 55.3  | 437 | 0     | NO                                |
| 9.3   | 5.7   | 45  | 1     | YES, SPECIFY MENTAL ILLNESS BELOW |
| 0.0   | 0.0   | 0   | 2     | YES, BUT ILLNESS NOT SPECIFIED    |
|       | 39.0  | 308 | -7    | NOT ASCERTAINED                   |
| ----- | ----- | --- |       |                                   |
| 100.0 | 100.0 | 790 |       | cases                             |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 429-430

**A75A****A75A. MENTAL ILLNESS SPECIFIED AT DISCHARGE**

790 cases (Range of valid codes: 1-35)

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 431-432

**A76****A76. AFTERCARE PLAN STATED IN RECORD**

| PCT   | PCT   | N   | VALUE | LABEL               |
|-------|-------|-----|-------|---------------------|
| VALID | ALL   |     |       |                     |
| 99.1  | 86.6  | 684 | 0     | NO                  |
| 0.9   | 0.8   | 6   | 1     | YES                 |
|       | 12.7  | 100 | -7    | UNABLE TO DETERMINE |
| ----- | ----- | --- |       |                     |
| 100.0 | 100.0 | 790 |       | cases               |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 433-434

**A77****A77. SERVICES IN AFTERCARE PLAN**

| PCT   | PCT   | N   | VALUE | LABEL              |
|-------|-------|-----|-------|--------------------|
| VALID | ALL   |     |       |                    |
| 100.0 | 0.6   | 5   | 1     | SERVICES SPECIFIED |
|       | 99.2  | 784 | -9    | INAPPLICABLE       |
|       | 0.1   | 1   | -7    | NOT ASCERTAINED    |
| ----- | ----- | --- |       |                    |
| 100.0 | 100.0 | 790 |       | cases              |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 435-436



**A77D****A77D. AFTERCARE SVCS: FAMILY COUNSELING**

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 100.0 | 0.4   | 3   | 0     | NO              |
| 0.0   | 0.0   | 0   | 1     | YES             |
|       | 99.4  | 785 | -9    | INAPPLICABLE    |
|       | 0.3   | 2   | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 443-444

**A77E****A77E. AFTERCARE SVCS: SELF-HELP OR MUTUAL-HELP GROUPS**

| PCT   | PCT   | N   | VALUE | LABEL        |
|-------|-------|-----|-------|--------------|
| VALID | ALL   |     |       |              |
| 20.0  | 0.1   | 1   | 0     | NO           |
| 80.0  | 0.5   | 4   | 1     | YES          |
|       | 99.4  | 785 | -9    | INAPPLICABLE |
| ----- | ----- | --- |       |              |
| 100.0 | 100.0 | 790 | cases |              |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 445-446

**A77F****A77F. AFTERCARE SVCS: EMPLOYMENT COUNSELING/TRAINING**

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 100.0 | 0.5   | 4   | 0     | NO              |
| 0.0   | 0.0   | 0   | 1     | YES             |
|       | 99.4  | 785 | -9    | INAPPLICABLE    |
|       | 0.1   | 1   | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 447-448

**A77G                    A77G. AFTERCARES SVCS: LEGAL/CRIMINAL JUSTICE SYSTEM COUNSEL**

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 100.0 | 0.5   | 4   | 0     | NO              |
| 0.0   | 0.0   | 0   | 1     | YES             |
|       | 99.4  | 785 | -9    | INAPPLICABLE    |
|       | 0.1   | 1   | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 449-450

**A78                    A78. FURTHER SUBSTANCE ABUSE TRTMT REFERRED**

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 78.4  | 57.8  | 457 | 0     | NO TREATMENT                             |
| 1.5   | 1.1   | 9   | 1     | HOSPITAL INPATIENT                       |
| 1.4   | 1.0   | 8   | 2     | RESIDENTIAL                              |
| 0.3   | 0.3   | 2   | 3     | OUTPATIENT METHADONE                     |
| 6.0   | 4.4   | 35  | 4     | OUTPATIENT NON-METHADONE                 |
| 1.2   | 0.9   | 7   | 5     | SUBSTANCE ABUSE TREATMENT, NOT OTHERWISE |
| 11.1  | 8.2   | 65  | 8     | OTHER, SPECIFY                           |
|       | 26.2  | 207 | -7    | NOT ASCERTAINED                          |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 | cases |  |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 451-452

|                              |
|------------------------------|
| <b>FINANCIAL INFORMATION</b> |
|------------------------------|

**A79****A79. NUMBER OF AUTHORIZED TREATMENT DAYS/VISITS**

| PCT   | PCT   | N   | VALUE | LABEL           |
|-------|-------|-----|-------|-----------------|
| VALID | ALL   |     |       |                 |
| 90.0  | 1.1   | 9   | 1     |                 |
| 10.0  | 0.1   | 1   | 28    |                 |
|       | 98.7  | 780 | -7    | NOT ASCERTAINED |
| ----- | ----- | --- |       |                 |
| 100.0 | 100.0 | 790 | cases |                 |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 453-454

**A79U****A79U. UNIT FOR NUMBER OF TREATMENT DAYS/VISITS**

| PCT   | PCT   | N   | VALUE | LABEL        |
|-------|-------|-----|-------|--------------|
| VALID | ALL   |     |       |              |
| 100.0 | 1.3   | 10  | 1     | DAYS         |
| 0.0   | 0.0   | 0   | 2     | WEEKS        |
| 0.0   | 0.0   | 0   | 3     | MONTHS       |
| 0.0   | 0.0   | 0   | 4     | YEARS        |
| 0.0   | 0.0   | 0   | 5     | VISITS       |
| 0.0   | 0.0   | 0   | 6     | HOURS        |
|       | 98.7  | 780 | -9    | INAPPLICABLE |
| ----- | ----- | --- |       |              |
| 100.0 | 100.0 | 790 | cases |              |

Data type: numeric

Missing-data codes: lowest thru -1

Columns: 455-456

**A79A** **A79A. DAYS/VISITS AUTHORIZED BY**

| PCT   | PCT   | N   | VALUE | LABEL                   |
|-------|-------|-----|-------|-------------------------|
| VALID | ALL   |     |       |                         |
| 0.0   | 0.0   | 0   | 1     | MANAGED CARE PLAN       |
| 83.3  | 0.6   | 5   | 2     | OTHER THIRD PARTY PAYER |
| 16.7  | 0.1   | 1   | 3     | OTHER SPECIFIED         |
|       | 98.7  | 780 | -9    | INAPPLICABLE            |
|       | 0.5   | 4   | -7    | NOT ASCERTAINED         |
| ----- | ----- | --- |       |                         |
| 100.0 | 100.0 | 790 | cases |                         |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 457-458

**A80** **A80. TOTAL BILLED CHARGE AMOUNT: FOR THIS TRTMT**

|        |   |     |          |   |           |
|--------|---|-----|----------|---|-----------|
| Min    | = | 0   | Mean     | = | 62.711    |
| Max    | = | 500 | Std Dev  | = | 92.916    |
| Median | = | 20  | Variance | = | 8,633.386 |

(Based on 357 valid cases)

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 459-461

**A80B** **A80B. IF NO BILLED CHARGES, WAS TRTMT A CONTRACT SLOT**

| PCT   | PCT   | N   | VALUE | LABEL                             |
|-------|-------|-----|-------|-----------------------------------|
| VALID | ALL   |     |       |                                   |
| 69.7  | 9.6   | 76  | 0     | NO                                |
| 30.3  | 4.2   | 33  | 1     | YES                               |
|       | 78.7  | 622 | -9    | INAPPLICABLE, A80 NOT CODED 00000 |
|       | 7.5   | 59  | -7    | NOT ASCERTAINED                   |
| ----- | ----- | --- |       |                                   |
| 100.0 | 100.0 | 790 | cases |                                   |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 462-463

|            |                                      |
|------------|--------------------------------------|
| <b>A81</b> | <b>A81. TOTAL BILLED CHARGE TYPE</b> |
|------------|--------------------------------------|

| PCT   | PCT   | N   | VALUE | LABEL                     |
|-------|-------|-----|-------|---------------------------|
| VALID | ALL   |     |       |                           |
| 45.9  | 21.3  | 168 | 0     | NO CHARGES                |
| 50.0  | 23.2  | 183 | 1     | FULL AMOUNT BILLED        |
| 1.1   | 0.5   | 4   | 2     | SLIDING FEE AMOUNT        |
| 0.0   | 0.0   | 0   | 3     | REDUCED AMOUNT            |
| 0.0   | 0.0   | 0   | 6     | NOT PERMITTED TO ABSTRACT |
| 3.0   | 1.4   | 11  | 8     | OTHER                     |
|       | 53.7  | 424 | -7    | NOT ASCERTAINED           |
| ----- | ----- | --- |       |                           |
| 100.0 | 100.0 | 790 |       | cases                     |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 464-465

|              |  |
|--------------|--|
| <b>A81PC</b> | <b>A81. TOT BILLED CHARGE PCNT: PERCENT OF TOTAL BILLED CHARGE</b> |
|--------------|--|

| PCT   | PCT   | N   | VALUE | LABEL        |
|-------|-------|-----|-------|--------------|
| VALID | ALL   |     |       |              |
|       | 100.0 | 790 | -9    | INAPPLICABLE |
| ----- | ----- | --- |       |              |
| 100.0 | 100.0 | 790 |       | cases        |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 466-467

|            |                            |
|------------|----------------------------|
| <b>A82</b> | <b>A82. COMMENTS GIVEN</b> |
|------------|----------------------------|

| PCT   | PCT   | N   | VALUE | LABEL                |
|-------|-------|-----|-------|----------------------|
| VALID | ALL   |     |       |                      |
| 43.0  | 43.0  | 340 | 1     | YES, COMMENTS        |
| 57.0  | 57.0  | 450 | 2     | NO COMMENTS RECORDED |
| ----- | ----- | --- |       |                      |
| 100.0 | 100.0 | 790 |       | cases                |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 468-469



| TRT_DUR | TREATMENT DURATION (DAYS) |
|---------|---------------------------|
|---------|---------------------------|

|        |   |    |          |   |        |
|--------|---|----|----------|---|--------|
| Min    | = | 0  | Mean     | = | .911   |
| Max    | = | 62 | Std Dev  | = | 4.284  |
| Median | = | 0  | Variance | = | 18.357 |

(Based on 437 valid cases)

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 479-480

| DRUG_ALC | ALCOHOL CLIENT, DRUG CLIENT, OR BOTH |
|----------|--------------------------------------|
|----------|--------------------------------------|

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 29.7  | 29.7  | 235 | 1     | ALCOHOL USE ONLY MENTIONED IN CLIENT REC |
| 49.4  | 49.4  | 390 | 2     | BOTH ALCOHOL AND DRUG USE MENTIONED IN C |
| 15.9  | 15.9  | 126 | 3     | DRUG USE ONLY MENTIONED IN CLIENT RECORD |
| 4.9   | 4.9   | 39  | 4     | UNSPEC SUB USE/NO MENTION OF WHICH SUB A |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 485-486

| ALCOHOL | ALCOHOL CLIENT (1=ALCOHOL USE MENTIONED) |
|---------|--|
|---------|--|

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 20.9  | 20.9  | 165 | 0     | ALCOHOL USE NOT MENTIONED IN CLIENT RECO |
| 79.1  | 79.1  | 625 | 1     | ALCOHOL USE MENTIONED IN CLIENT RECORD   |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 481-482

| DRUG | DRUG CLIENT (1=DRUG MENTIONED) |  |  |  |
|------|--------------------------------|--|--|--|
|------|--------------------------------|--|--|--|

| PCT   | PCT   | N   | VALUE | LABEL                                   |
|-------|-------|-----|-------|---|
| VALID | ALL   |     |       |   |
| 34.7  | 34.7  | 274 | 0     | DRUG USE NOT MENTIONED IN CLIENT RECORD |
| 65.3  | 65.3  | 516 | 1     | DRUG USE MENTIONED IN CLIENT RECORD     |
| ----  | ----- | --- |       |   |
| 100.0 | 100.0 | 790 |       | cases                                   |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 483-484

|   |
|---|
| <b>WEIGHTING AND ESTIMATION VARIABLES</b> |
|---|

|                |   |
|----------------|---|
| <b>QFSTRAT</b> | <b>TREATMENT TYPE STRATUM INDICATOR</b> |
|----------------|---|

| PCT   | PCT   | N   | VALUE | LABEL                                    |
|-------|-------|-----|-------|--|
| VALID | ALL   |     |       |  |
| 0.0   | 0.0   | 0   | 2     | STRATUM 2 RESIDENTIAL                    |
| 0.0   | 0.0   | 0   | 3     | STRATUM 3 PREDOMINANTLY OUTPATIENT METHA |
| 16.5  | 16.5  | 130 | 4     | STRATUM 4 OP NON-METH-PREDOMINANTLY ALCO |
| 66.8  | 66.8  | 528 | 5     | STRATUM 5 OP NON-METH-NOT IN STRATUM 3 O |
| 16.7  | 16.7  | 132 | 6     | STRATUM 6 COMBINATION                    |
| ----- | ----- | --- |       |  |
| 100.0 | 100.0 | 790 |       | cases                                    |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 489-490

|                 |                             |
|-----------------|-----------------------------|
| <b>ABSSMPTY</b> | <b>ABSTRACT SAMPLE TYPE</b> |
|-----------------|-----------------------------|

| PCT   | PCT   | N   | VALUE | LABEL                    |
|-------|-------|-----|-------|--------------------------|
| VALID | ALL   |     |       |                          |
| 100.0 | 100.0 | 790 | 1     | E-EARLY DROPOUT          |
| 0.0   | 0.0   | 0   | 2     | D-MAIN                   |
| 0.0   | 0.0   | 0   | 3     | I-IN TREATMENT METHADONE |
| ----- | ----- | --- |       |                          |
| 100.0 | 100.0 | 790 |       | cases                    |

Data type: numeric  
Missing-data codes: lowest thru -1  
Columns: 487-488

|                |                                 |
|----------------|---------------------------------|
| <b>VST_PSU</b> | <b>PHASE II VARIANCE STRATA</b> |
|----------------|---------------------------------|

| PCT   | PCT   | N   | VALUE | LABEL |
|-------|-------|-----|-------|-------|
| VALID | ALL   |     |       |       |
| 3.9   | 3.9   | 31  | 4     |       |
| 35.7  | 35.7  | 282 | 5     |       |
| 1.8   | 1.8   | 14  | 6     |       |
| 58.6  | 58.6  | 463 | 7     |       |
| ----- | ----- | --- |       |       |
| 100.0 | 100.0 | 790 | cases |       |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 507-508

|                |                               |
|----------------|-------------------------------|
| <b>VUN_PSU</b> | <b>PHASE II VARIANCE UNIT</b> |
|----------------|-------------------------------|

| PCT   | PCT   | N   | VALUE | LABEL |
|-------|-------|-----|-------|-------|
| VALID | ALL   |     |       |       |
| 3.4   | 3.4   | 27  | 1     |       |
| 12.7  | 12.7  | 100 | 2     |       |
| 1.5   | 1.5   | 12  | 3     |       |
| 1.3   | 1.3   | 10  | 4     |       |
| 2.0   | 2.0   | 16  | 5     |       |
| 8.7   | 8.7   | 69  | 8     |       |
| 8.4   | 8.4   | 66  | 9     |       |
| 10.8  | 10.8  | 85  | 10    |       |
| 3.9   | 3.9   | 31  | 11    |       |
| 9.2   | 9.2   | 73  | 13    |       |
| 3.4   | 3.4   | 27  | 14    |       |
| 8.2   | 8.2   | 65  | 18    |       |
| 0.4   | 0.4   | 3   | 21    |       |
| 2.0   | 2.0   | 16  | 23    |       |
| 6.3   | 6.3   | 50  | 26    |       |
| 6.3   | 6.3   | 50  | 28    |       |
| 4.2   | 4.2   | 33  | 29    |       |
| 4.3   | 4.3   | 34  | 30    |       |
| 2.3   | 2.3   | 18  | 31    |       |
| 0.6   | 0.6   | 5   | 32    |       |
| ----- | ----- | --- |       |       |
| 100.0 | 100.0 | 790 | cases |       |

Data type: numeric  
 Missing-data codes: lowest thru -1  
 Columns: 509-510



**APPENDIX A –****REFERENCES**

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