

Pathways to Desistance

Out of Community Placements

This includes logic changes for all versions of the interview

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Out of community placements

Introduction

This is a complex document meant to serve as a reference guide for individuals thinking about how to structure the raw information about out of community placements that is obtained in the interview. Our intent is to provide a map of the skip patterns and the meanings of variables produced in the transformation of the data from its original question form to its final SPSS data file.

You need to know a few things to use this document effectively:

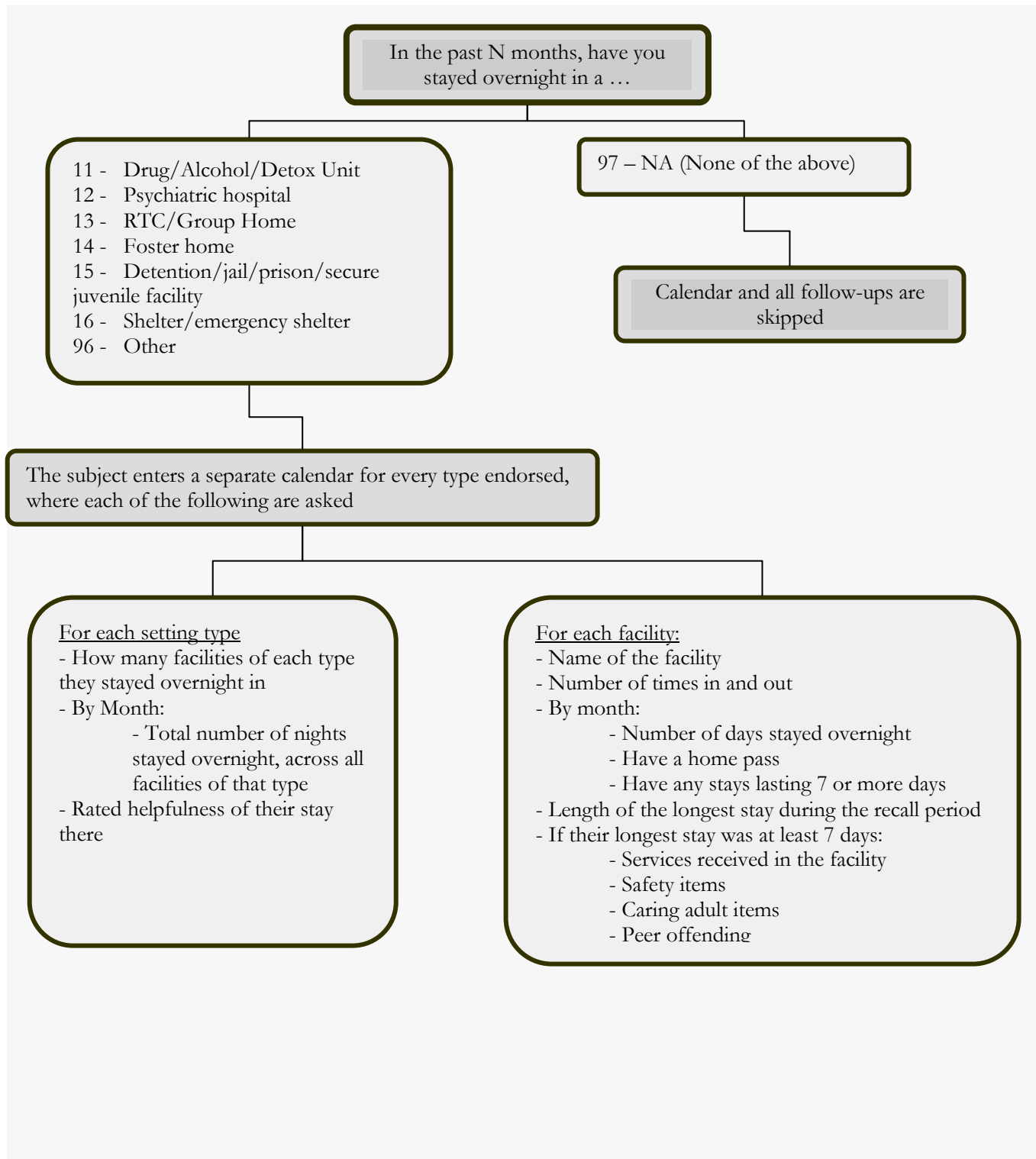
1. It is meant to be used in conjunction with a dataset containing all of the variables generated from this section of the interview regarding out of community placements. There are variables that are linked to specific interview questions (e.g., did you have an overnight stay at a jail/prison) and there are also variables that are produced by staff at the coordinating center. This document provides the information needed to interpret variables of all types.
2. It is laid out in sections that provide different views of the data collected.
 - The first section provides a schematic overview of the data.
 - The second section provides the specific interview questions included in the interview battery.
 - The third section provides detailed information regarding the specific variables asked in the interview. This and the second section repeat information because they are essentially different views of the same data.
 - The fourth section describes variables that were created by staff at the coordinating center.
 - The fifth section provides basic information related to each month covered in the recall period, such as the number of days covered in each month and the calendar month and year associated with each month.
 - The last section provides a detailed explanation of the conversion of the recall level monthly data to the linear format.

A summary table of the variables available is included at the end of this document (See Appendix A).

Please contact the Study Coordinator, Carol Schubert (412-647-4760; schubertca@upmc.edu) for clarification regarding any aspect of this document or specific variables.

Section 1: Flowchart of the Calendars

This page provides a very brief summary of the specific questions asked in this calendar in the **original seven setting type** format. The full question text of each interview generated question as well as a more detailed explanation of each variable appears in the next section of this document. Note: options for this type of place stayed reflect the options in the interview; however, these were later recoded into ten groups based on feedback from practitioners in each site. See [here](#) for a description of the new categories.



Section 2: Interview Questions

Questions in this section are recorded exactly as they appeared in the interview battery, **using the seven original setting types**. The interview variable name appears in brackets to the left of the question. The interview variable name appears on the computer screen in the top left corner during the interview. This name is NOT the same as the SPSS variable name. Every SPSS variable name for the subject interviews begin with an "S#" (s = subject interview and the # = the particular timepoint being reviewed). A complete list of SPSS variable names can be found in the next section. Text beginning with "**INTERVIEWER**" denotes a special instruction to the research interviewer visible to them during the interview.

[OVERSCREEN] First I would like to ask you about some of the places where you might have gone to stay overnight to get help with problems over the past N months.

INTERVIEWER: "Halfway houses" and "sober living environments" should be coded as type "Other". Ask the following question about each service listed, and check those services endorsed by the subject. Go back to the previous question to look up the type of specific facilities, or refer to the list below.

In the past N months, have you stayed overnight in a ...

- ☐ 11. Drug/Alcohol/Detox Unit
- ☐ 12. Psychiatric hospital or psychiatric unit of a general hospital (dual dx units go here)
- ☐ 13. Residential treatment center or group home
- ☐ 14. Foster home
- ☒ 15. Detention/jail/prison/secure juvenile facility
- ☐ 16. Shelter/emergency shelter
- ☐ 96. Other
- ☐ 97. NA (None of the above)

(Note: the following questions are repeated for each setting type the subject endorses. The question text will be the same for all setting types. For simplicity, this section of questions will be written for the detention section.)

[Denum] You mentioned staying overnight at a [detention center/jail/prison/secure juvenile facility] during the past N months. How many different such facilities were you in during this period (the past N months)?

[Defn1] What was the name of the [detention/secure facility] you stayed overnight at during the past N months?

INTERVIEWER: If more than 3, get names of the 3 with the longest stays. Start typing the name to find it in the lookup table. If the facility is not there, choose NA (NOT LISTED). Get as much distinguishing information about this facility as you can. Please try for an address and, at least, city and state.

[DeCount] How many times have you been in and out of FACILITY X in the past N months?

INTERVIEWER: If a youth returns to the same facility within six weeks of a release (home pass or discharge) it does not count as a new unique stay. Release from facility A and admittance to facility B counts as a unique stay regardless of the amount of time between release and re-admittance.

**** Monthly Calendar ****

Next, we're going to fill out a calendar to show when you stayed overnight at the [detention/secure facility] you mentioned. [Note: Each question is repeated once for each facility the subject had a stay in]

[P1Days] How many nights did you spend at FACILITY X during this month?

INTERVIEWER: If none, code 0 (zero).

[P1Pass] Did you have a home pass from FACILITY X during this month?

INTERVIEWER: If NO, code ZERO. Otherwise, ask:

How many days total were you home on pass from FACILITY X this month?

INTERVIEWER: Answer should not exceed the total number of days at facility this month (shown above), since that number also includes all 'home pass' days.

[Ext1] Did you have a stay lasting at least 7 nights in a row at FACILITY X during this month?

- 1. Yes
- 0. No

INTERVIEWER: Longest stay (entered later): ### days

NOTE: If a stay of 7 nights or longer spans the boundary between two months, but neither month has 7 days on its own, then put YES in the month with the most days of the stay.

NOTE: Treat time spent outside the facility on 'home pass' as if the youth was in the facility the entire time. While on home pass, youths are still technically in the care of the facility.

****** END of Calendar ******

[dels] If the subject had only one unique stay (DeNum = 1), then the following question text appears:

INTERVIEWER: This is the longest stay at FACILITYX during the recall period. This value is calculated automatically because the subject had only one unique stay at this facility. You can proceed to the next question.

If the subject had more than one unique stay (DeNum > 1), the following text appears:

INTERVIEWER: In counting the total number of days in a facility, do not subtract days on which the youth was out of the facility on a home pass.

If the subject spent at least 7 nights in the facility (dels >= 7), they receive the following
Now I want to ask you some questions about one of the places you said you stayed overnight.

[shu01] This next set of questions is about your longest stay during the past N months at FACILITY X (the detention/secure facility where you once stayed for ### days).

In the following questions, by 'adult' we mean someone older than you.

Did you have a primary counselor assigned to you there? (In other words, did each kid get assigned a specific staff person to go to for any problems they might be having there?)

- 1. Yes
- 0. No

If 1-Yes

[shu02] How often did this primary counselor meet with you?

1. Twice a day
2. Daily
3. More than once a week
4. Once a week
5. Once every two weeks
6. Once a month
7. Once every few months
8. Never

[shu03] Did you have a person assigned to you to help out with making arrangements for you to return to the community (to make positive contacts in the community)?

1. Yes
0. No

INTERVIEWER: *In some facilities, the primary counselor is the person who makes arrangements for the youth to return to the community. It is ok for the same person to be considered for both questions. However, the interviewer should be sure that the 'number of times met with the person' question accurately reflects with the function. For instance: a person meets with the primary counselor weekly for therapy but only monthly regarding plans for discharge. The number of times met with the primary counselor question should be answered 'weekly' while the number of times met with the person who 'helps make arrangements for your return' question should be answered 'one time per month'.*

If 1-Yes:

[shu04] How many times did you meet with this person?

INTERVIEWER: *Answer should reflect meeting times that are for making arrangements for return to the community. Do NOT include times when there is discussion during therapy about how the subject feels about getting released.*

[shu05] In general, when you were there, how safe did you feel from the staff?

1. In danger all of the time
2. In danger most of the time
3. In danger some of the time
4. In danger very little of the time
5. In danger none of the time (felt safe all of the time)

[shu06] In general, when you were there, how safe did you feel from the other people there?

1. In danger all of the time
2. In danger most of the time
3. In danger some of the time
4. In danger very little of the time
5. In danger none of the time (felt safe all of the time)

[shu07] Were there any adults at FACILITY X whom you admire and would want to be like?

1. Yes
0. No

[shu08] If you needed some information or advice about something, was there an adult at FACILITY X you could talk to?

1. Yes
0. No

[shu09] If you were having trouble, was there an adult at FACILITY X you could talk to?

1. Yes
0. No

[shu10] Was there an adult at FACILITY X with whom you could talk about important decisions in your life?

1. Yes
0. No

[shu11] Was there an adult at FACILITY X you could depend on for help if you really needed it?

1. Yes
0. No

[shu12] Was there and adult at FACILITY X you could feel comfortable talking about problems with?

1. Yes
0. No

[shu13] Was there a special adult at FACILITY X who cared about your feelings?

1. Yes
0. No

[shu20] Now I would like to ask you about a whole range of services that you might have received while you were at FACILITYX. During your stay at FACILITY X, did you receive any of the following services?

INTERVIEWER: Check all that apply

- ☒ 1. Treatment for drug and alcohol problems, like counseling groups or meetings like Alcoholics Anonymous or Narcotics Anonymous
- ☒ 2. Sessions with a psychologist or psychiatrist
- ☒ 3. Group therapy sessions for things other than drug or alcohol issues
- ☒ 4. Sessions with a priest, minister, clergy or healer of any kind
- ☒ 5. Family-based treatment
- ☒ 6. Treatment on a unit for mental health or emotional problems
- ☒ 7. Anger management or social skills training sessions
- ☒ 8. Job skills or vocational training
- ☒ 9. School or GED classes
- ☒ 97. NA (None)

(Note: This next subset of questions is asked for each service the subject endorsed above)

[jjsf02] How helpful was this service?

1. Not helpful at all
2. Not much help
3. Some help
4. Very helpful

(Note: JJSF03 questions are asked for each service the subject DID NOT endorse above in SHU21)

[jjsf03] You said that you did NOT have TREATMENT X while you were at FACILITY X. Do you think you needed this service?

1. Yes
0. No

[kit1] Were there friends that you kept in touch with after you left FACILITY X?

INTERVIEWER: *If youth is still in facility, then reword the question as:*

Are there friends here that you plan to keep in touch with when you leave?

1. Yes
0. No
7. NA

If 1 -Yes

[kit2] How many (How many friends from FACILITY X did/will you keep in touch with after you left/leave?).

[PLStat] **INTERVIEWER:** *Is the subject still in this facility? (If Yes, subsequent questions should be asked in present tense, otherwise ask in past tense)*

1. Yes – program ongoing
0. No – program not ongoing

Now I want to get some information about how you think the program at FACILITY X is helping you. How much do you agree or disagree with the following statements about how the facility/program operates?

- 1 = strongly agree
- 2 = disagree
- 3 = neither agree nor disagree
- 4 = agree
- 5 = strongly agree

[Plan01] The people at FACILITY X are strongly encouraged to plan for the future.

[Plan02] Staff help/helped people get jobs.

[Plan03] There is/was little emphasis on making plans for getting out of this program.

[Plan04] Staff help/helped people get into youth groups.

[Plan05] FACILITY X emphasizes/emphasized training for new kinds of jobs.

[Plan06] Staff help/helped people get into school programs.

[Plan07] Most people at FACILITY X are/were more concerned with the past than with the future.

[Plan08] Before we leave/left FACILITY X, we have/had to make specific plans.

[VALA] You said that in the past N months, you had stayed overnight in a FACILITY X. How much did you need this placement?

1. Not at all
2. Not really
3. Some
4. Pretty much
5. Very much

[VALB] How much do you feel that this placement was helpful to you?

1. Not at all helpful
2. Not really helpful
3. Somewhat helpful
4. Pretty helpful
5. Very helpful

[VALC] How much do you think the people at this placement were really trying to do their job of helping you out?

1. They were just going through the motions
2. They were not doing that great a job
3. They were doing alright
4. They were doing a pretty good job
5. They were really trying to get the job done

Section 3: Explanation of Interview-generated Variables

This section covers all recall level and monthly level items that were asked as part of the interview. Additional recall and monthly level computed scores are also available and are explained later in this section (see, [Computed Variables](#)). We have kept these sections separate because we feel that it is important to have a good understanding of the information obtained in the interview prior to examining computed scores summarizing that information.

Version Change

Interviews completed with versions 01.07 and earlier captured a limited amount of information regarding out of community placements. Cases completed with these early versions initially only had data regarding the combined number of days they stayed overnight at facilities within each setting type (data was not collected for each individual facility). Using data from the living calendar, staff at the coordinating center were able to code the data for these early versions so that these cases will now have data regarding the number of days they stayed overnight at each facility (for each month of the recall period), as well as a four-digit identifying code assigned to each unique facility (discussed later in this document).

Beginning with version 01.08 through the latest interview version, the calendar was expanded to capture more specific monthly information about each facility in which the subject had an overnight stay (including whether they were released on a home pass that month), as well as information regarding the subject's experiences (feelings of safety, peer offending, caring adults at the facility, etc.) and services they received during their stay (drug/alcohol treatment, group therapy, etc.).

In the follow06 timepoint, 425 cases were completed with an interview version of 01.07 or earlier; in the follow12 timepoint, there are 128 cases. All cases in follow18 and later were completed with an interview version of 01.08 or later.

Re-classification of Setting Types

Individual residential facilities were classified into groups based on their general mission and target population. The groupings were derived from several discussions with service providers and policy-makers from both sites and other locales (including juvenile court service administrators, practitioners, lawyers and judges). These experts considered the seven general categories used in the CASA for residential placements as overly broad, and the groups were modified as a result. Juvenile court administrators and service providers from each site assisted in classifying particular facilities when their group membership was questionable. Ten categories of residential care settings were examined:

1. **Drug or alcohol treatment unit.** These are facilities where the primary focus is the provision of substance use treatment services. Detoxification and longer-term substance use treatment programs are both included, with the vast majority being longer-term treatment facilities.
2. **Psychiatric hospital or psychiatric unit of a general hospital.** These are settings which provide inpatient acute care to evaluate and stabilize individuals with mental health or behavioral problems.
3. **Foster Home.** These are defined as placements with non-kin ordered by child welfare or dependency court
4. **Shelter.** These facilities provide short-term, non-secure, temporary out-of-home care.
5. **Jail and prison.** These settings have incarceration as the main goal, and are almost all adult settings. Jails, usually locally run, hold people until trial or for relatively short sentences after trial. Prisons are usually state-run and hold people for a longer term after trial. Federal adult detention centers and Immigration and Naturalization Services (INS) detention centers are also included in this category, although these constitute a very small portion.
6. **Detention.** These are facilities where adolescents await their adjudication hearing or more permanent placement after adjudication and disposition.

7. **Pennsylvania Youth Development Centers (YDC) / Arizona Department of Juvenile Corrections (ADJC).** These facilities are state-run, secure juvenile facilities, formerly characterized as “state training schools”. They provide secure custody, education, and treatment to committed youth.
8. **Contracted residential treatment (general).** These settings provide residential care within a structured environment. A range of services may be offered, usually centered on a specific model of intervention (e.g., peer culture, physical challenge), and there may be varying amounts of security and access to the community.
9. **Contracted residential treatment (mental health).** These settings have an integrated residential program of therapies and activities. The primary focus of treatment is on the youth’s mental health needs, and the facility targets mentally ill adolescents.
10. **Other.** This includes any residential setting not captured by the above categories such as a residential military-style high school or YMCA.

The original seven setting types map fit into these new categories as follows. This categorization was also done with consultation from practitioners in each site.

Original Setting Type	New Setting Type
(11) Drug/Alcohol/Detox Unit	(11) Drug or alcohol treatment unit
(12) Psychiatric hospital	(12) Psychiatric hospital or psychiatric unit of a general hospital
(13) RTC/Group Home	(23) Contracted Residential
	(24) Contracted Residential MH
(15) Detention/jail/prison/secure juvenile facility	(20) Jail and Prison
	(21) Detention
	(22) YDC/ADJC
(14) Foster home	(14) Foster home
(16) Shelter/emergency shelter	(16) Shelter
(96) Other	(96) Other

Detention and Other facilities were further broken down to distinguish adult from juvenile facilities.

Items at the recall level

Some questions in this section are “by setting type” (each question will be repeated ten times, once for each of the ten types) while others are “by facility” (each question will be repeated 26 times). See [here](#) for additional recall level items. That section outlines summary scores computed using the information explained below.

By setting type - Gate Questions

In the interview battery, the gate question was designed as a “check all that apply” question, where the interviewer could check one or more of the original seven setting types. In SPSS, each setting type was split into a separate variable (i.e., the gate screen allowed for one or more options from 11 through 97 to be endorsed, resulting in one binary variable for each of the original seven setting types.) Each setting type was subsequently split into the more specific setting types described above, thus, there will be one binary variable for each of the ten revised categories.

The subject received a separate calendar for each setting type endorsed. In other words, for each endorsed setting type, the subject was asked a series of questions related to facility stays in that setting type for each month of the recall period. The specific questions asked for each month are explained in the next section.

Example of gate into the calendar as viewed during the interview, using the original seven setting types

In the past N months, have you stayed overnight in a ...

- ☒ 11. Drug/Alcohol/Detox Unit
- ☐ 12. Psychiatric Facility/Unit
- ☒ 13. Residential Treatment Center/Group Home
- ☐ 14. Foster home
- ☐ 15. Detention/Jail/Prison/Secure Juvenile facility
- ☐ 16. Shelter/Emergency Shelter
- ☐ 96. Other
- ☐ 97. NA (None of the above)

“First I would like to ask you about some of the places where you might have gone to stay overnight to get help with problems over the recall period. INTERVIEWER: Halfway houses and sober living environments should be coded as OTHER. Ask the following question about each service listed, and check those services endorsed by the subject. In the recall period, have you stayed overnight in a ...

(1) Yes

(0) No

S#DA_Stay

“Drug and alcohol facility or detoxification unit”

S#Psych_Stay

“Psychiatric hospital or unit”

S#Foster_Stay

“Foster home (defined as placement with non-kin ordered by child welfare or dependency court)”

S#Shelter_Stay

“Shelter/Emergency shelter (includes any shelter stay even if, for example, a shelter for abused women that mom takes the family to)”

S#JP_Stay

“Jail or prison”

* S#DetJ_Stay

“Detention (juvenile only)”

* S#DetA_Stay

“Detention (adult only)”

S#YDC_Stay

“YDC or ADJC”

S#CR_Stay

“Contracted residential treatment (general)”

S#CRMH_Stay

“Contracted residential treatment (mental health)”

* S#OtherJ_Stay	“Other (juvenile only)”
* S#OtherACC_Stay	“Other (adult community corrections)”
S#Unknown_Stay	“Had a stay in a facility of unknown type”

* **Note regarding adult and juvenile facilities.** The adult versus juvenile distinction was made after data collection was completed, so the four starred binary markers above for juvenile and adult facilities were created via syntax to split adult facilities from juvenile.

Because this distinction wasn’t made during the interview, the majority of variables from this point forward will be grouped into the ten setting types, which do not separate adult from juvenile facilities (“detention” will include both adult and juvenile, and “other” will include both juvenile and adult community corrections). Adult detention facilities and adult community corrections will not be split out into their own groupings of variables.

Adult detention facilities can be found within both Detention and JailPrison sets of variables. These can be identified by using either the “type” variable, or by the facility code, both of which are explained later in this document. Facilities with the following codes have been identified as adult detention facilities:

- 1015, 1130, 1188, 1243, 1258, 1282, 1283, 1291, 1290, 1295, 1354, 1407, 1408, 1409, 1481, 1482, 1483, 1526, 1542, 1595, 1646

Adult community corrections can be found within both the Contracted Residential (general) and Other sets of variables. Facilities with the following codes have been identified as Adult Community Correction settings:

- 1374, 1450, 1480, 1531, 1573, 1603, 1588

** **Note regarding variable S#Unknown_Stay.** The interview allowed each participant to report a stay in any number of facilities within each setting type, ranging from one to ten. Follow-up information was then collected only for the three facilities they were in the longest. In some rare cases, the subject reported more than three stays within one facility type within a recall period. The number of cases where this happened is noted below:

- Follow06 = 7 cases; Follow12 = 3 cases; Follow18 = 4 cases; Follow24 = 5 cases; Follow30 = 7 cases; Follow36 = 4 cases; Follow48 = 40 cases; Follow60 = 19 cases; Follow72 = 26 cases; Follow84 = 25 cases

In cases where there was a report of four or more facilities within the original setting types “Residential treatment center or group home” or “Detention/jail/prison/secure juvenile facility”, we were unable to determine the exact setting type using the more specific revised categories, because we do not have any information on those facilities. These cases will have a 1 (Yes) value for S#Unknown_Stay.

By setting type - Number of different facilities within each setting type

This is a variable indicating the number of different facilities within each setting type in which the subject had an overnight stay. The interview allowed each participant to report a stay in any number of facilities within each type ranging from one to ten, and follow-up information was then collected on the three facilities they were in the longest. Although this question was originally asked in the interview, each variable below was recomputed via syntax after splitting the original seven settings into the ones below.

S#DA_Num	“Number of different drug/alcohol/detox facilities”
S#Psych_Num	“Number of different psychiatric hospitals/psych units”
S#Foster_Num	“Number of different foster homes”
S#Shelter_Num	“Number of different shelters”

S#JP_Num	“Number of different jails and/or prisons”
S#DetJ_Num	“Number of different juvenile detention centers”
S#DetA_Num	“Number of different adult detention centers”
S#YDC_Num	“Number of different YDC/ADJC”
S#CR_Num	“Number of different contracted residential (general) facilities”
S#CRMH_Num	“Number of different contracted residential (mental health) facilities”
S#OtherJ_Num	“Number of different facilities of type other (juvenile)”
S#OtherACC_Num	“Number of different facilities of type other (adult community corrections)”
S#Unknown_Num	“Number of facilities of unknown type”

**** Note regarding variable S#Unknown_Num.** This variable will have a value only when the subject reported four or more facilities within the original setting types “Residential treatment center or group home” or “Detention/jail/prison/secure juvenile facility”.

Although the interview allowed the subject to report a maximum of ten facilities within each setting type (with follow-up information being collected on the three where they stayed for the longest period of time), in some instances the maximum was not reached by any subject across all timepoints. When no data was present at any wave for one or more particular variables, we removed them during the data cleaning stage in an attempt to reduce “unused” space in our already large datasets. As a result, some setting types will have sets of variables covering three distinct facilities within that type, while others will have only two (as a result of data cleaning). The setting types below will have a maximum of **two** facilities for all cases across all timepoints; all other setting types not listed will have a maximum of three:

- Psychiatric hospital or psychiatric unit.
- YDC/ADJC
- Contracted residential (general)
- Other

By facility - Identifying Facility Code

The participant was permitted to list the names of up to three different facilities within each setting type. If they had a stay in more than three facilities in a particular setting type, information on the three where the subject reports the longest stay is captured, elicited through the following question:

“What was the name of the first facility you stayed overnight at during the recall period? INTERVIEWER: If more than three, get names of the three with the longest stay. Start typing the name to find it in the lookup table. If the facility is not there, choose NA (NOT LISTED). Get as much distinguishing information about this new facility as you can.”

A four-digit code is associated with each unique facility, assigned by staff at the Coordinating Center. Prior to version 01.08, facility names were not collected in the calendar. However, using data from another source (the living calendar), staff was able to identify and assign a facility name and code to the majority of cases completed with these early versions. This was because the living calendar inquired about the location in which the participant lived and court-ordered residential placement was included as an option. A code of 9993 is assigned to those cases where the facility name is unknown. The majority of cases with this code will appear in the follow06 and follow12 timepoints, and generally are those cases completed with early versions of the interview.

<u>Facility Identifier</u>	<u>Description of Variable</u>
S#DAXX_Code	Drug/Alcohol X: Identifying facility code
S#PsychXX_Code	Psychiatric facility X: Identifying facility code
S#FosterXX_Code	Foster home X: Identifying facility code
S#ShelterXX_Code	Shelter X: Identifying facility code

S#JPXX_Code	Jail/Prison X: Identifying facility code
S#DetXX_Code	Detention facility X: Identifying facility code
S#YDCXX_Code	YDC/ADJC X: Identifying facility code
S#CRXX_Code	Contracted residential (general) X: Identifying facility code
S#CRMHXX_Code	Contracted residential (MH) X: Identifying facility code
S#OtherXX_Code	Other X: Identifying facility code

The **XX** in the above variable names means that the item is repeated once for each of the three (or two, in the case of psychiatric, YDC, contracted residential, and other) possible facility admissions in the recall period (e.g., S#DAXX_Code = S#DA01_Code, S#DA02_Code, & S#DA03_Code; S#PsychXX_Code = S#Psych01_Code & S#Psych02_Code; etc.).

This variable can be used to split adult facilities from juvenile facilities. As noted above, facilities with the following codes have been identified as adult detention facilities:

- 1015, 1130, 1188, 1243, 1258, 1282, 1283, 1291, 1290, 1295, 1354, 1407, 1408, 1409, 1481, 1482, 1483, 1526, 1542, 1595, 1646

Facilities with the following codes have been identified as Adult Community Correction settings:

- 1374, 1450, 1480, 1531, 1573, 1603, 1588

It should be noted that attempts were made to ensure that unique codes represent distinct facilities; however, it is possible that, due to the participant's limited knowledge, we have inadvertently coded the same facility with multiple codes if various participants provided distinct names for the same facility.

We have identified the following codes that actually represent the same facility, and can be merged together:

- Codes 1075, 1052, and 1391 (all are type contracted residential mental health)
- Codes 1096, 1103, 1154 (all are type drug/alcohol)
- Codes 1097, 1104, 1153, 1479 (all are type psychiatric hospital/unit)
- Codes 1101, 1118 (both are type jail/prison)
- Codes 1107, 1120 (both are type jail/prison)

There are also instances where multiple facilities are run by the same umbrella organization, or, a single facility offers more than one type of treatment (such as two separate units for drug/alcohol and psychiatric treatment). We have assigned separate codes in both situations but we are listing these codes here so that they can be merged together if desired.

- Codes 1022, 1664, 1669, 1670 (one location that offers more than one type of treatment)
- Codes 1005, 1016, 1665 (one location that offers more than one type of treatment)
- Codes 1058, 1059 (one location)
- Codes 1038, 1039, 1066, 1067, 1068, 1069, 1205, 1259, 1347 (umbrella organization)

The following codes represent Pennsylvania Department of Correction facilities:

- Codes 1047, 1351, 1545, 1257, 1014, 1413, 1132, 1425, 1406, 1051, 1240, 1449, 1184, 1477, 1136, 1457, 1459, 1421, 1131, 1473, 1414, 1241, 1412, 1127, 1478, 1125

These codes represent Arizona Department of Correction facilities:

- Codes 1085, 1083, 1091, 1079, 1089, 1088, 1080, 1081, 1086, 1090, 1087, 1084, 1379, 1539, 1363

By facility - Adult, juvenile or specialized setting

These variables note whether each facility is an adult, juvenile or specialized setting.

- (1) Specialized service
- (2) Juvenile setting
- (3) Adult setting

<u>Facility Identifier</u>	<u>Description of Variable</u>
S#DAXX_SettingGrp	Drug/Alcohol X: Adult, juvenile or specialized setting
S#PsychXX_SettingGrp	Psychiatric facility X: Adult, juvenile or specialized setting
S#FosterXX_SettingGrp	Foster home X: Adult, juvenile or specialized setting
S#ShelterXX_SettingGrp	Shelter X: Adult, juvenile or specialized setting
S#JPXX_SettingGrp	Jail/Prison X: Adult, juvenile or specialized setting
S#DetXX_SettingGrp	Detention facility X: Adult, juvenile or specialized setting
S#YDCXX_SettingGrp	YDC/ADJC X: Adult, juvenile or specialized setting
S#CRXX_SettingGrp	Contracted residential (general) X: Adult, juvenile or specialized setting
S#CRMHXX_SettingGrp	Contracted residential (MH) X: Adult, juvenile or specialized setting
S#OtherXX_SettingGrp	Other X: Adult, juvenile or specialized setting

Specialized services include the following settings types:

- Drug and alcohol facility / detox unit
- Psychiatric hospital or unit
- Foster home
- Shelter/emergency shelter
- Other (juvenile setting)

Juvenile facilities include the following setting types:

- Detention center (juvenile)
- YDC or ADJC
- Contracted residential treatment (general)
- Contracted residential treatment (mental health)

Adult facilities include the following setting types:

- Jail or prison
- Detention center (adult)
- Adult community corrections

By facility - Facility type

These variables provide the specific facility type.

<u>Facility Identifier</u>	<u>Description of Variable</u>
S#DAXX_Type	Drug/Alcohol X: Facility type
S#PsychXX_Type	Psychiatric facility X: Facility type
S#FosterXX_Type	Foster home X: Facility type
S#ShelterXX_Type	Shelter X: Facility type
S#JPXX_Type	Jail/Prison X: Facility type
S#DetXX_Type	Detention facility X: Facility type
S#YDCXX_Type	YDC/ADJC X: Facility type
S#CRXX_Type	Contracted residential (general) X: Facility type
S#CRMHXX_Type	Contracted residential (MH) X: Facility type

S#OtherXX_Type	Other X: Facility type
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- (11) Drug and alcohol facility or detoxification unit
- (12) Psychiatric hospital or unit
- (14) Foster home
- (16) Shelter/emergency shelter
- (20) Jail or prison
- (21) Detention center (Juvenile)
- (22) YDC or ADJC
- (23) Contracted residential treatment (general)
- (24) Contracted residential treatment (mental health)
- (25) Detention center (Adult)
- (26) Adult Community Corrections
- (96) Other

For some setting types, the value indicated in these variables will not always match the type indicated in the SPSS variable names. This applies only to adult detention centers (25) and adult community corrections (26) and is a result of adult settings being split from juvenile settings after data collection was completed. Data for adult detention facilities can be found in the following sets of variables:

- S#DetXX_Type
- S#JPXX_Type

Data for adult community corrections facilities can be found in the following:

- S#CRXX_Type
- S#OtherXX_Type

By facility - Number of times in and out of the facility

This variable is available for every setting type **except foster homes and shelters**, and was added to the interview in version 01.18 to capture the number of times the subject left and returned to each facility. If, for example, a participant enters Facility A in January, leaves in February, returns in March and leaves again in April, this variable would have a value of two. The interview performed a consistency check with this variable once the interviewer began to enter data regarding the length of their stay into the calendar.

“How many times have you been in and out of [facility x] during the recall period? INTERVIEWER: If a youth returns to the same facility within six weeks of a release (home pass or discharge) it does not count as a new unique stay. Release from facility A and admittance to facility B counts as a new unique stay regardless of the amount of time between release and re-admittance”.

<u>Number of times in and out</u>	<u>Description of Variable</u>
S#DAXX_InOut	Drug/Alcohol X: Number of times in and out
S#PsychXX_InOut	Psychiatric facility X: Number of times in and out
S#JPXX_InOut	Jail/Prison X: Number of times in and out
S#DetXX_InOut	Detention facility X: Number of times in and out
S#YDCXX_InOut	YDC/ADJC X: Number of times in and out
S#CRXX_InOut	Contracted residential (general) X: Number of times in and out
S#CRMHXX_InOut	Contracted residential (MH) X: Number of times in and out
S#OtherXX_InOut	Other X: Number of times in and out

**** Note that this variable is based on subject self-reported number of times in and out of each facility. A similar variable, called Distinct Facility Episodes was created by staff at the coordinating center to**

represent the number of different periods spent in a given setting separated by time in the community. The “distinct facility episodes” variable has a consistent set of rules that were applied during its creation whereas the self reported version was left to each study participant to interpret. Thus, we recommend that the “distinct facility episode” variable (see [here](#)) be used in place of the “InOut” variables if you are trying to capture movement in and out of placement.

By facility - Length of the longest stay

This was added to the interview with version 01.08 and captures the length of the subject’s longest stay at each facility. In versions 01.08 through 01.17, this value was entered by the interviewer as the sum of the total number of continuous nights the subject spent at the facility. Beginning with version 01.18, this variable was either entered by the interviewer or automatically computed by interview programming.

In cases where the subject had only one stay at the facility (InOut = 1), interview programming code computed the length of the longest stay by taking the sum of the number of days they stayed overnight for every month of the recall period. The computed value was displayed for the interviewer, but they were prevented from changing it.

In cases where the subject had more than one stay (InOut > 1), the interviewer was asked to calculate the longest stay value themselves, as in earlier versions.

The question text for version 01.08 through 01.17 and for versions 01.18 and later when the longest stay was not calculated by interview programming was as follows:

“How many nights was your longest stay at [facility x] during the recall period? INTERVIEWER: In counting the total number of days in a facility, do not subtract days on which the youth was out of the facility on a home pass”

The question text for versions 01.18 and later, when the longest stay value was computed by interview programming:

“INTERVIEWER: This is the longest stay at [facility x] during the recall period. This value is calculated automatically because the subject only had one unique stay at this facility. You can proceed to the next question”.

<u>Length of the longest stay</u>	<u>Description of Variable</u>
S#DAXX_LongestStay	Drug/ Alcohol X: Length of the longest stay
S#PsychXX_LongestStay	Psychiatric facility X: Length of the longest stay
S#FosterXX_LongestStay	Foster home X: Length of the longest stay
S#ShelterXX_LongestStay	Shelter X: Length of the longest stay
S#JPXX_LongestStay	Jail/Prison X: Length of the longest stay
S#DetXX_LongestStay	Detention facility X: Length of the longest stay
S#YDCXX_LongestStay	YDC/ADJC X: Length of the longest stay
S#CRXX_LongestStay	Contracted residential (general) X: Length of the longest stay
S#CRMHXX_LongestStay	Contracted residential (MH) X: Length of the longest stay
S#OtherXX_LongestStay	Other X: Length of the longest stay

Items at the monthly level

Some questions in this section are “by setting type” (each question will be repeated ten times, once for each of the ten types) while others are “by facility” (each question will be repeated 26 times). See [here](#) for additional monthly level items. These are summary scores computed using the information explained below.

Each time point interview allows for a maximum of eight or 14 months in the recall period, depending on the follow-up wave (eight months was the maximum for time points 6-36 and 14 was the maximum for time points 48-84). This means that there is a corresponding variable in the dataset reflecting events occurring in each of those months through a maximum of 14 months (the outer limit of any of the possible months covered). If, however, the recall period did not include the maximum number of months (as is most often the case), there will be variables with no data. For example, subject 1 has a recall period of five months for follow-up 12 so this means he/she will have data in five monthly variables but not in the remaining nine. Subject 2, has seven months in the recall period for follow-up 12 so he/she will have data in all but seven of the monthly variables. The recall length is set by programming code based on the current date in relationship to the date of the previous interview (see “Interview Information” under Measures for a more detailed description of how the length of the recall period is determined).

By facility - Number of days stayed overnight

Once the subject entered the calendar, they were asked to specify the number of nights they stayed overnight at each facility for each month of the recall period. A separate calendar is generated for each facility.

Beginning with version 01.18, the interview performed consistency checks between the number of days entered into the calendar and the number of unique stays reported at the facility (captured in variables [InOut] discussed above). If the subject reported only one stay at the facility (InOut = 1), then the interviewer was prompted to enter a ‘number of days’ value into consecutive months on the calendar (a non-consecutive entry would indicate at least two stays at that facility, contradicting the original report of 1 in InOut).

Similarly, if two stays were reported at the facility (InOut = 2), and there were three groups of non-consecutive months, then the interview would recognize this as being contradictory and alert the interviewer to make a correction, either to the NDays values or to the InOut value. This same check is done for three stays and four groups of non-consecutive months, etc.

Note, however, that this error check did not take into account the days in each month. For instance, if InOut = 1, and the subject reports a one day stay in S8M01, a one day stay in S8M02, and a one day stay in S8M03, the interview would accept this as valid despite the fact that the actual value should be three because the consistency check only looks for entries in non-consecutive months.

“How many nights were you there (staying overnight at Facility X) during this month? INTERVIEWER:
Code zero if none”.

<u>Number of days stayed overnight</u>	<u>Description of Variable</u>
S#DAXX_NDays_M##	Drug/Alcohol X: Number of days stayed overnight Month X
S#PsychXX_NDays_M##	Psychiatric facility X: Number of days stayed overnight Month X
S#FosterXX_NDays_M##	Foster home X: Number of days stayed overnight Month X
S#ShelterXX_NDays_M##	Shelter X: Number of days stayed overnight Month X
S#JPXX_NDays_M##	Jail/Prison X: Number of days stayed overnight Month X
S#DetXX_NDays_M##	Detention facility X: Number of days stayed overnight Month X
S#YDCXX_NDays_M##	YDC/ADJC X: Number of days stayed overnight Month X
S#CRXX_NDays_M##	CR (general) X: Number of days stayed overnight Month X
S#CRMHXX_NDays_M##	CR (MH) X: Number of days stayed overnight Month X
S#OtherXX_NDays_M##	Other X: Number of days stayed overnight Month X

By facility - Home pass

This variable is available for every setting type **except foster homes and shelters**, and captures the number of days the subject was on a home pass from each facility during each month. These questions were added to the interview in version 01.09.

“Did you have a home pass from [facility x] during this month? INTERVIEWER: If No, code ZERO. Otherwise, ask: How many days total were you on a pass from [facility x] this month? Answer should not exceed the total number of days at the facility this month (shown above) since that number also includes all ‘home pass’ days”.

<u>Number of days on home pass Month X</u>	<u>Description of Variable</u>
S#DAXX_HomePass_M##	Drug/Alcohol X: Number of days on home pass Month X
S#PsychXX_HomePass_M##	Psychiatric facility X: Number of days on home pass Month X
S#JPXX_HomePass_M##	Jail/Prison X: Number of days on home pass Month X
S#DetXX_HomePass_M##	Detention facility X: Number of days on home pass Month X
S#YDCXX_HomePass_M##	YDC/ADJC X: Number of days on home pass Month X
S#CRXX_HomePass_M##	CR (general) X: Number of days on home pass Month X
S#CRMHXX_HomePass_M##	CR (MH) X: Number of days on home pass Month X
S#OtherXX_HomePass_M##	Other X: Number of days on home pass Month X

By facility - Had a stay lasting seven nights or longer

They are then asked if they had a stay lasting at least seven nights in a row at that facility. This question was added to the interview in version 01.08.

For versions 01.08 through 01.10, this question was only asked if the longest stay variable (see here) was at least seven days. Starting with version 01.11 through the latest interview version, these were asked of everyone.

If the subject had a stay of seven nights or longer that spanned the boundary between two months, the interviewer was instructed to enter a Yes into the month with the most days of the stay.

“Did you have a stay lasting at least seven nights in a row at [facility x] during this month? NOTE: If a stay of seven nights or longer spans the boundary between two months, but neither month has seven days on its own, then put a Yes in the month with the most days of the stay. Treat time spent outside the facility on a ‘home pass’ as if the youth was in the facility the entire time. While on home pass, youths are still technically in the care of the facility”.

<u>Stayed 7 nights in a row Month X</u>	<u>Description of Variable</u>
S#DAXX_Stay7_M##	Drug/Alcohol X: Stayed 7 nights in a row Month X
S#PsychXX_Stay7_M##	Psychiatric facility X: Stayed 7 nights in a row Month X
S#FosterXX_Stay7_M##	Foster home X: Stayed 7 nights in a row Month X
S#ShelterXX_Stay7_M##	Shelter X: Stayed 7 nights in a row Month X
S#JPXX_Stay7_M##	Jail/Prison X: Stayed 7 nights in a row Month X
S#DetXX_Stay7_M##	Detention facility X: Stayed 7 nights in a row Month X
S#YDCXX_Stay7_M##	YDC/ADJC X: Stayed 7 nights in a row Month X
S#CRXX_Stay7_M##	CR (general) X: Stayed 7 nights in a row Month X
S#CRMHXX_Stay7_M##	CR (MH) X: Stayed 7 nights in a row Month X
S#OtherXX_Stay7_M##	Other X: Stayed 7 nights in a row Month X

Follow-up questions for each facility

All questions in this section were added to the interview in version 01.08, and are asked for all setting types **except foster homes and shelters**.

For stays that lasted seven or more days (defined by the longest stay variable), additional information regarding the characteristics of the facility and the specific services received during the stay was obtained. Although each question listed in this section is asked once for each facility, only the SPSS variable names specific to stays in drug or alcohol facilities will be listed. The variable names for the remaining setting types follow the same naming convention, where the “DAXX” portion of the variable name will be replaced with the following:

- PsychXX
- JPXX
- DetXX
- YDCXX
- CRXX
- CRMHXX
- OtherXX

Some items in this section are the same as or similar to items from the release interviews that were used to derive the eight dimensions of the institutional environment. These dimensions reflect general attributes of the setting that are likely to affect later adjustment of adolescents who spent time in an institution. A full explanation of the dimensions can be found in the “Dimensions of Organizational Functioning” measure codebook of the release interview. Where possible, we replicated the dimensions scores using obtained in the residential calendar.

Primary Counselor

This variable establishes the presence of a primary caregiver at the facility, and was also used in the dimensions dataset (see the “Dimensions of Organizational Functioning” codebook in the release interview for more information).

“This next set of questions is about your longest stay during the recall period at [facility x] (the facility where you once stayed for X days)”.

S#DAXX_PriCounsel “Did you have a primary counselor assigned to you there? In other words, did each kid get assigned a specific person to go to for any problems they might be having?”
(1) Yes
(0) No

If 1 (Yes)

S#DAXX_PriCounsel_Num “How often did this primary counselor meet with you?”
(1) Twice a day
(2) Daily
(3) More than once a week
(4) Once a week
(5) Once every two weeks
(6) Once a month
(7) Once every few months
(8) Never

Release Counselor

This variable establishes the presence of a person assigned to help prepare the subject for their return to the community, and was also used in the dimensions dataset (see the “Dimensions of Organizational Functioning” codebook in the release interview for more information).

S#DAXX_CommReturn “Did you have a person assigned to you to help out with making arrangements for you to return to the community (to make positive contacts in the community)?”
 (1) Yes
 (0) No

INTERVIEWER: In some facilities, the primary counselor is the person who makes arrangements for the youth to return to the community. It is ok for the same person to be considered for both questions. However, the interviewer should be sure that the ‘number of times met with the person’ question accurately reflects with the function. For instance: a subject meets with the primary counselor weekly for therapy but only monthly regarding plans for discharge. The number of times met with the primary counselor question should be answered ‘weekly’ while the number of times met with the person who helps make arrangements for your return question should be answered ‘one time per month’.

If 1 (Yes)

S#DAXX_CommReturn_Num

“How many times did you meet with this person? INTERVIEWER: Answer should reflect meeting time that are for making arrangements for return to the community. Do NOT include times when there is discussion during therapy about how the subject feels about getting released.”

Safety Questions

S#DAXX_Safe_Staff “In general, when you were there, how safe did you feel from staff?”

- (1) In danger all of the time
- (2) In danger most of the time
- (3) In danger some of the time
- (4) In danger very little of the time
- (5) In danger none of the time (felt safe all of the time)

S#DAXX_Safe_Others “In general, when you were there, how safe did you feel from other people there?”

- (1) In danger all of the time
- (2) In danger most of the time
- (3) In danger some of the time
- (4) In danger very little of the time
- (5) In danger none of the time (felt safe all of the time)

(Computed) Overall Safety

This was computed as the mean of the two items above, and is also similar to one used in the dimensions dataset (see the “Dimensions of Organizational Functioning” codebook in the release interview for more information). However, the dimensions component from the release interview is computed as the mean of three items calendar (“I feel safe when I was on the unit”; “I feel safe when staff was present”, and “I always had to watch my back around other residents”), all of which differ from the questions asked in the residential calendar.

S#DAXX_safety “Overall safety at the facility”

Caring Adults

“In the following questions, by ‘adult’ we mean someone older than you.”

(1) Yes

(0) No

S#DAXX_Adult_Admire	“Were there any adults at [facility x] whom you admire and would want to be like?”
S#DAXX_Adult_Advice	“If you needed some information or advice about something, was there an adult at [facility x] you could talk to?”
S#DAXX_Adult_Trouble	“If you were having trouble, was there an adult at [facility x] you could talk to?”
S#DAXX_Adult_Decision	“Was there an adult at [facility x] with whom you could talk to about important decisions in your life?”
S#DAXX_Adult_Help	“Was there an adult at [facility x] you could depend on for help if you really needed it?”
S#DAXX_Adult_Problems	“Was there an adult at [facility x] you could feel comfortable talk about problems with?”
S#DAXX_Adult_Feelings	“Was there a special adult at [facility x] who cared about your feelings?”

(Computed) Domains of social support

This variable is similar to the Domains of Social Support score in the subject baseline and follow-up Caring Adult measures, as well as the dimensions dataset, with the exception that this facility version is a count across seven domains and the measure and dimensions items are a count across eight domains (the item “If you got an award or did something well is there someone you would tell” was not included in the facility version of this measure). The count represents the number of different domains for which a caring adult is present within the facility.

S#DAXX_cadpre	“Domains of social support – number of domains endorsed”
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Services Received

Next, the subject is asked to list any services they may have received during their stay. This was designed as a check-all-that-apply question, where the subject could check up to nine different services for each facility. Several summary scores are computed from questions in this section; see [here](#) for a full explanation of additional variables available regarding services. These variables are also part of the dimensions from the release interview (see the “Dimensions of Organizational Functioning” codebook in the release interview for more specific information).

“Now I would like to ask you about a whole range of services that you might have received while at [facility x]. During your stay at [facility x] did you receive any of the following services?”

(1) Yes

(0) No

S#DAXX_DATx	“Treatment for drug and alcohol problems, like counseling groups or meetings like Alcoholics Anonymous or Narcotics Anonymous”
S#DAXX_Psych	“Sessions with a psychologist or psychiatrist”

S#DAXX_GrpTher	“Group therapy sessions for things other than drug or alcohol issues”
S#DAXX_Priest	“Sessions with a priest, minister, clergy or healer of any kind”
S#DAXX_FamBased	“Family-based treatment”
S#DAXX_MHUnit	“Treatment on a unit for mental health or emotional problems”
S#DAXX_AngerMan	“Anger management or social skills training”
S#DAXX_JobTrain	“Job skills or vocational training”
S#DAXX_School	“School or GED classes”

Helpfulness of each service

Next, the subject was asked to rate their perceived helpfulness of each service. This question is repeated once for each service they endorsed.

“You mentioned that while you were at [facility x] you received [treatment x]. How helpful was this service?”

- (1) Not helpful at all
- (2) Not much help
- (3) Some help
- (4) Very helpful

S#DAXX_DATx_Helpful	“Drug and alcohol treatment”
S#DAXX_Psych_Helpful	“Psychologist or psychiatrist”
S#DAXX_GrpTher_Helpful	“Group therapy sessions”
S#DAXX_Priest_Helpful	“Priest, minister, clergy, or healer”
S#DAXX_FamBased_Helpful	“Family-based treatment”
S#DAXX_MHUnit_Helpful	“Mental health treatment”
S#DAXX_AngerMan_Helpful	“Anger management or social skills training”
S#DAXX_JobTrain_Helpful	“Job skills or vocational training”
S#DAXX_School_Helpful	“School or GED classes”

Did they need the service

This question is repeated once for each service they did **not** endorse.

“You said that you did not receive [treatment x] while you were at [facility x]. Do you think you needed this service?”

- (1) Yes
- (0) No

S#DAXX_DATx_Need	“Drug and alcohol treatment”
S#DAXX_Psych_Need	“Psychologist or psychiatrist”
S#DAXX_GrpTher_Need	“Group therapy sessions”
S#DAXX_Priest_Need	“Priest, minister, clergy, or healer”
S#DAXX_FamBased_Need	“Family-based treatment”
S#DAXX_MHUnit_Need	“Mental health treatment”
S#DAXX_AngerMan_Need	“Anger management or social skills training”
S#DAXX_JobTrain_Need	“Job skills or vocational training”
S#DAXX_School_Need	“School or GED classes”

Peer Offending

Next, the subject was asked a series of questions assessing the degree of antisocial activity among the adolescent’s peers at the facility. These questions are the same as those used in the subject baseline and follow-up Peer

Delinquency measure, as well as in the dimensions dataset. The scale contains 12 items to which the participant responds on a 5-point Likert scale ranging from “None of them” to “All of them”. One score is computed from these items: the mean of the prevalence of friend who engage in the 12 behaviors listed. Data must be contained in nine of the 12 items in order to compute a valid mean.

Note that these questions capture lifetime antisocial behavior and thus are not limited to antisocial behavior within the facility. Items in this section were elicited through the following question: “While you were at [facility x], of the friends you had there, how many have **ever** done the following things? We are interested in lifetime behavior, not just behavior within the institution or program.”

S#DAXX_prbehv “Peer delinquency – antisocial behavior (mean of 12 items)”
(1) None of them
(2) Very few of them
(3) Some of them
(4) Most of them
(5) All of them

Friends they’ve kept in touch with

The subject was then asked about friends they plan to keep in touch with after they leave the facility.

S#DAXX_Friend_InTouch “Were there friends that you kept in touch with after you left [facility x]? INTERVIEWER: If youth is still in facility, then reword the question as ‘Are there friends here that you plan to keep in touch with when you leave?’”
(1) Yes
(0) No
(7) NA

If 1 (Yes)

S#DAXX_Friend_InTouchNum

“How many friends from [facility x] did/will you keep in touch with after you left/leave?”

Still at the facility

This question was added to the interview in version 01.14 simply for the purpose of establishing the tense of the interview question. This is important in the time point interviews because residential stays often span one or more recall periods.

S#DAXX_StillAtFac “INTERVIEWER: Is the subject still in this facility? If yes, subsequent questions should be asked in the present tense, otherwise ask in past tense”
(1) Yes – program ongoing
(0) No – program not ongoing

Planning for release

Next we ask the subject how they think the program and how it operates has helped them.

“Now I want to get some information about how you think the program at [facility x] has helped you. How much do you agree or disagree with the following statements about how the facility/program operates?”
(1) Strongly disagree
(2) Disagree
(3) Neither agree nor disagree

- (4) Agree
- (5) Strongly agree

S#DAXX_Plan_Encouraged	“The people at [facility x] are/were strongly encouraged to plan for the future”
S#DAXX_Plan_StaffHelpJobs	“Staff helps/helped people get jobs”
S#DAXX_Plan_MakePlans	“There is/was little emphasis on making plans for getting out of this program”
S#DAXX_Plan_YouthGroups	“Staff helps/helped people get into youth groups”
S#DAXX_Plan_JobTrain	“[Facility x] emphasizes/emphasized training for new kinds of jobs”
S#DAXX_Plan_SchoolProg	“Staff helps/helped people get into school programs”
S#DAXX_Plan_PastFuture	“Most people at [facility x] are/were more concerned with the past than with the future”
S#DAXX_Plan_SpecificPlans	“Before we leave/left [facility x], we have/had to make specific plans”

(Computed) Future orientation of the program

This variable is computed as a mean of six of the above items (variables MakePlans and PastFuture are excluded from the calculation). This variable was also used in the dimensions dataset (see the “Dimensions of Organizational Functioning” codebook in the release interview for more information).

S#DAXX_planning	“Drug X: Future orientation of the program”
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By setting type - Rated helpfulness of the program

Finally, the subject received a series of questions regarding their ratings of helpfulness of the program. These questions are only asked once for each setting type, **not** once for every facility. SPSS variable names for drug and alcohol stays are listed below. The same naming convention follows for the remaining setting types, where the “DA” portion of the variable name is replaced by the following:

- Psych
- JP
- Det
- Ydc
- CR
- CRMH
- Other

“You said that in the recall period, you stayed overnight at a [setting type x].”

S#DA_Need	“How much did you need this placement/service?” (1) Not at all (2) Not really (3) Some (4) Pretty much (5) Very much
S#DA_Helpful	“How much do you feel that this placement/service was helpful to you?” (1) Not at all helpful (2) Not really helpful (3) Somewhat helpful

(4) Pretty helpful

(5) Very helpful

S#DA_Staff

“How much do you think the people at this placement were really trying to do their job of helping you out?”

(1) They were just going through the motions

(2) They were not doing that great a job

(3) They were doing alright

(4) They were doing a pretty good job

(5) They were really trying to get the job done

Computed Variables

Whereas the previous section covered all items that were asked as part of the interview, this section will cover recall and monthly level scores that are computed using the variables explained in the previous section (see [Items at the Recall Level](#) and [Items at the Monthly Level](#) for these items). We have kept these sections separate because we feel that it is important to have a good understanding of the information obtained in the interview prior to examining computed scores summarizing that information.

Items at the recall level

See [here](#) for an explanation of the recall level items upon which these computed scores are based. Some questions in this section are “by setting type” (so each question will be repeated ten times, once for each of the ten types) while others are “by facility” (so each question will be repeated 26 times).

By facility - Total number of days

This is computed as the sum of the number of days the subject spent at each facility during the recall period.

<u>Total number of days at facility x</u>	<u>Description of Variable</u>
S#DAXX_TotDays	Drug/Alcohol X: Total number of days at this facility
S#PsychXX_TotDays	Psychiatric facility X: Total number of days at this facility
S#FosterXX_TotDays	Foster home X: Total number of days at this facility
S#ShelterXX_TotDays	Shelter X: Total number of days at this facility
S#JPXX_TotDays	Jail/Prison X: Total number of days at this facility
S#DetXX_TotDays	Detention facility X: Total number of days at this facility
S#YDCXX_TotDays	YDC/ADJC X: Total number of days at this facility
S#CRXX_TotDays	Contracted residential (general) X: Total number of days at this facility
S#CRMHXX_TotDays	Contracted residential (MH) X: Total number of days at this facility
S#OtherXX_TotDays	Other X: Total number of days at this facility

By setting type - Total number of days

These variables represent the total number of days the subject spent in each setting type, across all facilities within that type (e.g., S#JP_Totdays would represent the sum of S#JP01_TotDays, S#JP02_TotDays, and S#JP03_TotDays).

<u>Total number of days by setting type</u>	<u>Description of Variable</u>
S#DA_TotDays	Drug/Alcohol: Total number of days across all facilities of this type
S#Psych_TotDays	Psychiatric facility: Total number of days across all facilities of this type
S#Foster_TotDays	Foster home: Total number of days across all facilities of this type
S#Shelter_TotDays	Shelter: Total number of days across all facilities of this type
S#JP_TotDays	Jail/Prison: Total number of days across all facilities of this type
S#Det_TotDays	Detention facility: Total number of days across all facilities of this type
S#YDC_TotDays	YDC/ADJC: Total number of days across all facilities of this type
S#CR_TotDays	Contracted residential (general): Total days across all facilities of this type
S#CRMH_TotDays	Contracted residential (MH): Total days across all facilities of this type
S#Other_TotDays	Other: Total number of days across all facilities of this type

Street time proportions

Because our subjects have recall periods that vary in length, it is important to consider the subject's time in a facility and time in the streets along a common metric. For this reason, a proportion score representing the subject's time in the streets and time in a facility is calculated for each recall period. There are two variations of these scores: one which includes all ten setting types and one which includes only stays in a setting without access to the community (drug/alcohol facilities, psychiatric facilities, jail and/or prison, detention centers, YDC/ADJC, and contracted residential, both general and mental health). The version of proportion score used should depend on which is more appropriate for the analytic question being explored.

Total number of days - all setting types

This was created as the sum of the number of days the subject spent in all facilities of all setting types across the recall period. In some cases, this sum exceeds the number of calendar days covered in that recall period. This is largely due to the way in which the final month of the recall period is handled by the interview. Interviews that were conducted after the 15th of the month will have the last month of the recall period set to the number of days up through the day of the interview (e.g., the number of days in the final month for an interview conducted on 02/18/05 will be set to 18; however the number of days in all settings could have been entered as the full month of 28 days).

These cases were corrected to set the sum of the days in all settings equal to the number of calendar days in the recall period to avoid producing a proportion score greater than 1. This correction was only made to the computed variable that's used for this proportion score; the actual number of days reported by the subject for each month was not changed. As a result, summing both the recall level (S#DA_TotDays + S#Psych_TotDays + S#Foster_TotDays, etc.) and monthly level self-reported number of days (S#DAXX_NDays_M## + S#PsychXX_NDays_M##, etc) will not equal the sum of all days (S#NDaysAllSettings) used for these proportion scores.

S#NDaysAllSettings

“Number of days in all setting types”

Example: CaseID 3475. The actual number of days in all settings is 180. This exceeds the number of calendar days covered during this period (168), so S1NDaysAllSettings is recoded to 168.

VARIABLE	S1M01	S1M02	S1M03	S1M04	S1M05	S1M06	ACTUAL SUM	RECODED SUM
S1NDaysAllSettings_M#	30	30	30	30	30	30	180	168
S1NDays (calendar days)	30	31	31	28	31	17	168	168

Proportion of time in all setting types

This variable represents the proportion of the recall period the subject spent in all setting types, computed using the total number of days in all settings (above) as the numerator. The denominator is the number of days covered in the recall period. This value represents the number of days in each month that is represented in the calendar data (this variable is explained later in this document, [here](#)).

S#PropTimeAllSettings

“Proportion of the recall period spent in all settings”

Proportion of time on the streets - all settings considered

This variable represents the proportion of the recall period the subject spent on the streets, considering all setting types.

S#PropTimeStreets

“Proportion of the recall period in the streets, stays in all setting types considered”

Total number of days spent in facilities without access to the community

This variable represents the number of days the subject spent in facilities without access to the community across the recall period. This includes any stays in a drug/alcohol facility, psychiatric facility, jail and/or prison, detention center, YDC/ADJC, and contracted residential facilities (general and mental health). Excluded are stays in a foster home, shelter, or other.

S#NDaysSecureSettings “Number of days in settings with no community access”

Proportion of time spent in facilities without access to the community

This variable represents the proportion of the recall period the subject spent in facilities without access to the community. The computation of this variable mirrors that of the “all settings” versions, but excludes data for foster home, shelter or other stays.

S#PropTimeSecureSettings “Proportion of the recall period spent in settings with no community access”

Proportion of time on the streets considering facilities without access to the community

This variable represents the proportion of the recall period the subject spent on the streets, considering only facilities without access to the community.

S#PropTimeStreetsSecure “Proportion of the recall period in the streets, only stays in settings with no community access considered”

Intensity of Services

All items in this section were computed using the items explained earlier in this document (see [here](#)) regarding services received during their stay.

By facility - Total number of services received

This is a count of the number of services the subject received during their stay, exclusive of job skills/vocational training. A similar count was also used in the dimensions dataset (see the “Dimensions of Organizational Functioning” codebook in the release interview for more information). The dimensions component was computed as a count of eight items (d/a treatment, psychologist, group therapy, religious services, family-based treatment, anger management, and other), while the services calendar version excludes “other” and includes school/ged classes.

S#DAXX_SvcsCount “Number of services received”

By facility - Number of sessions for each service received

For each service the subject received during their facility stay we computed an estimation of the number times they received that service during the recall period, based on the number of days the subject spent at the facility and the self-reported frequency of receiving each service. The frequency of receiving the service was reported on a scale ranging from 1 (Twice a day) to 7 (Once every few months).

S#DAXX_DATx_Sessions	“D/A tx – total number of sessions”
S#DAXX_Psych_Sessions	“Psychologist – total number of sessions”
S#DAXX_GrpTher_Sessions	“Group therapy – total number of sessions”
S#DAXX_Priest_Sessions	“Priest – total number of sessions”
S#DAXX_FamBased_Sessions	“Family based tx – total number of sessions”
S#DAXX_MHUnit_Sessions	“MH unit – total number of sessions”
S#DAXX_AngerMan_Sessions	“Anger management – total number of sessions”

S#DAXX_JobTrain_Sessions	“Job training – total number of sessions”
S#DAXX_School_Sessions	“School – total number of sessions”

By facility - Total number of sessions across all services received

This variable is a sum of the total number of sessions across all service types endorsed.

S#DAXX_Total_Sessions	“Total number of session across all types”
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By facility - Rate of each service received

These variables represent our estimation of the rate at which they received each service, as the number of sessions per day. This was computed using the total number of sessions described above and the total number of days spent at the facility in the recall period.

S#DAXX_DATx_Rate	“Rate of receiving d/a treatment”
S#DAXX_Psych_Rate	“Rate of seeing a psychologist”
S#DAXX_GrpTher_Rate	“Rate of receiving group therapy”
S#DAXX_Priest_Rate	“Rate of seeing a priest”
S#DAXX_FamBased_Rate	“Rate of receiving family based treatment”
S#DAXX_MHUnit_Rate	“Rate of receiving treatment on a mental health unit”
S#DAXX_AngerMan_Rate	“Rate of receiving anger management”
S#DAXX_JobTrain_Rate	“Rate of receiving job training”
S#DAXX_School_Rate	“Rate of receiving school classes”

By facility - Total rate

This variable is the rate of sessions across all types of services received, computed using the total number of sessions across all services from above, and the total number of days spent at the facility during the recall period.

S#DAXX_Total_Rate	“Rate of sessions across all services received”
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Items at the monthly level

See [here](#) for an explanation of the monthly level items upon which these computed scores are based. Some questions in this section are “by setting type” (each question will be repeated ten times, once for each of the ten types) while others are “by facility” (each question will be repeated 26 times).

By setting type - Number of days across all facilities

These variables represent the number of nights the subject stayed overnight within each setting type, summed across all facility stays during that month.

<u>Total number of days by setting type</u>	<u>Description of Variable</u>
S#DA_NDays_M##	Drug/Alcohol: Total number of days across all facilities of this type
S#Psych_NDays_M##	Psychiatric facility: Total number of days across all facilities of this type
S#Foster_NDays_M##	Foster home: Total number of days across all facilities of this type
S#Shelter_NDays_M##	Shelter: Total number of days across all facilities of this type
S#JP_NDays_M##	Jail/Prison: Total number of days across all facilities of this type
S#Det_NDays_M##	Detention facility: Total number of days across all facilities of this type
S#YDC_NDays_M##	YDC/ADJC: Total number of days across all facilities of this type
S#CR_NDays_M##	Contracted residential (general): Total number of days across all facilities of this type

S#CRMH_NDays_M##	Contracted residential (MH): Total number of days across all facilities of this type
S#Other_NDays_M##	Other: Total number of days across all facilities of this type

By facility - Identifying facility code

These variables hold the identifying facility code, plotted by month.

<u>Identifying facility code</u>	<u>Description of Variable</u>
S#DAXX_Code_M##	Drug/Alcohol X: Identifying facility code
S#PsychXX_Code_M##	Psychiatric facility X: Identifying facility code
S#FosterXX_Code_M##	Foster home X: Identifying facility code
S#ShelterXX_Code_M##	Shelter X: Identifying facility code
S#JPXX_Code_M##	Jail/Prison X: Identifying facility code
S#DetXX_Code_M##	Detention facility X: Identifying facility code
S#YDCXX_Code_M##	YDC/ADJC X: Identifying facility code
S#CRXX_Code_M##	Contracted residential (general) X: Identifying facility code
S#CRMHXX_Code_M##	Contracted residential (MH) X: Identifying facility code
S#OtherXX_Code_M##	Other X: Identifying facility code

Street time proportions

Street time proportion scores calculated at the recall level are also computed at the monthly level.

Total number of days - all setting types

This was created as the sum of the number of days the subject spent in all facilities of all setting types during each month of the recall period. Due to the data issue noted previously regarding the number of days in the recall period, it should be noted again that summing the monthly variables below will sometimes exceed the actual number of days in the recall period.

S#NDaysAllSettings_M01 through S#NDaysAllSettings_M14

“Number of days in all setting types during month x”

Proportion of time in all setting types

This variable represents the proportion of the month the subject spent in all setting types. This value is computed using the total number of days in all settings (above) as the numerator. The denominator is the number of days covered in the month (see [here](#)).

In cases where the days summed across all stays in the month exceeded the actual number of calendar days in the month (resulting in a proportion score greater than 1 for that month), the monthly proportion score was corrected and set to 1. Note that this correction was made to the proportion score only – the number of days in settings was kept in its original form.

In addition, there are cases where the proportions at the recall level will be inconsistent with the proportions at the monthly level. For example, the recall level proportion may indicate the subject spent 100% of the time in a facility, but at the monthly level the proportions are less than 100. Or, the recall proportion may reflect no time at all in a facility, but we get a non-zero proportion at the monthly level. This is again due to the number of days in all settings being greater than the number of days in the month.

S#PropTimeAllSettings_M01 through S#PropTimeAllSettings_M14

“Proportion of month x spent in all settings”

Example: CaseID 213. The actual number of days in all settings across all months is 160. This exceeds the number of calendar days covered during this period (158), so S1NDaysAllSettings is recoded to 158, resulting in a recall period proportion (S1PropTimeAllSettings) of 1.

At the monthly level, the number of days in S1M06 is 18, which exceeds the actual number of days (8). No change is made to the number of reported days, but the monthly proportion score (S1PropTimeAllSettings_M06) is recoded from 2.25 to 1.

Also note that while the recall period proportion (S1PropTimeAllSettings) is 1, S1M01 has a proportion of less than one.

VARIABLE	S1M01	S1M02	S1M03	S1M04	S1M05	S1M06	Actual Sum	Recoded Sum
S1NDaysAllSettings_M#	20	31	30	31	30	18	160	158
S1NDays (calendar days)	28	31	30	31	30	8	158	158
S1PropTimeAllSettings_M#	0.71	1.0	1.0	1.0	1.0	1.0		

Proportion of time on the streets - all settings considered

This variable represents the proportion of the month spent on the streets, considering all setting types.

S#PropTimeStreets_M01 through S#PropTimeStreets_M14

“Proportion of month x spent in the streets, stays in all setting types considered”

Total number of days spent in facilities without access to the community

This variable represents the number of days the subject spent in facilities without access to the community during each month. This includes any stays in a drug/alcohol facility, psychiatric facility, jail and/or prison, detention center, YDC/ADJC, and contracted residential facilities (general and mental health). Excluded are stays in a foster home, shelter, or other.

S#NDaysSecureSettings_M01 through S#NDaysSecureSettings_M14

“Number of days in settings with no community access during month x”

Proportion of time spent in facilities without access to the community

This variable represents the proportion of the month spent in facilities without access to the community. The computation of this variable mirrors that of the “all settings” versions, but excludes data for foster home, shelter or other stays.

S#PropTimeSecureSettings_M01 through S#PropTimeSecureSettings_M14

“Proportion of month x spent in settings with no community access”

Proportion of time on the streets considering facilities without access to the community

This variable represents the proportion of the month spent on the streets, considering only facilities without access to the community.

S#PropTimeStreetsSecure_M01 through S#PropTimeStreetsSecure_M14

“Proportion of month x in the streets, only stays in settings with no community access considered”

Cumulative Variables

Street time proportions

Street time proportion scores summarizing the recall period are also computed for each yearly interval. Each case is required to have a certain number of completed timepoints in order to receive a score:

- For 1-year cumulative scores, must have 1 of 2 timepoints complete (includes follow06 – follow12)
- For 2-year cumulative scores, must have 3 of 4 timepoints complete (includes follow06 – follow18)
- For 3-year cumulative scores, must have 4 of 6 timepoints complete (includes follow06 – follow36)
- For 4-year cumulative scores, must have 5 of 7 timepoints complete (includes follow06 – follow48)
- For 5-year cumulative scores, must have 6 of 8 timepoints complete (includes follow06 – follow60)
- For 6-year cumulative scores, must have 7 of 9 timepoints complete (includes follow06 – follow72)
- For 7-year cumulative scores, must have 8 of 10 timepoints complete (includes follow06 – follow84)

Total number of days covered in the recall periods

This variable is the denominator for each yearly interval, and holds the total number of calendar days covered in the recall periods up to that point.

YearX_NDaysRP

“Year X: Number of days in the recall period up to year X”

Total number of days - all setting types

This was created as the sum of the number of days the subject spent in all facilities of all setting types across the recall period.

YearX_NDaysAllSettings

“Year X: Number of days in all settings”

Proportion of time in all setting types

This variable represents the proportion of time the subject spent in all setting types. This value is computed using the total number of days in all settings (above) as the numerator. The denominator is the cumulative number of days covered in the recall period.

YearX_PropTimeAllSettings

“Year X: Proportion of time spent in all settings”

Proportion of time on the streets - all settings considered

This variable represents the proportion of time the subject spent on the streets, considering all setting types.

YearX_PropTimeStreets

“Year X: Proportion of time spent in the streets”

Total number of days spent in facilities without access to the community

This variable represents the number of days the subject spent in facilities without access to the community. This includes any stays in a drug/alcohol facility, psychiatric facility, jail and/or prison, detention center, YDC/ADJC, and contracted residential facilities (general and mental health). Excluded are stays in a foster home, shelter, or other.

YearX_NDaysSecureSettings

“Year X: Number of days in secure settings”

Proportion of time spent in facilities without access to the community

This variable represents the proportion of time spent in facilities without access to the community. The computation of this variable mirrors that of the “all settings” versions, but excludes data for foster home, shelter or other stays.

YearX_PropTimeSecureSettings “Year X: Proportion of time spent in secure settings”

Proportion of time on the streets considering facilities without access to the community

This variable represents the proportion of time spent on the streets, considering only facilities without access to the community.

YearX_PropTimeStreetsSecure “Year X: Proportion of time spent in streets (secure settings only)”

Time spent in each setting type

These variables represent the total amount of time spent in each of the ten setting types. Each case is again required to have a certain number of completed timepoints in order to receive a score. The rules noted above also apply here. For each variable below, the denominator is the number of days covered in the recall period (YearX_NdaysRP).

Number of days spent in each setting type

These variables combine the recall level totals for each setting type (S1DrugX_TotDays + S2DrugX_TotDays + S3DrugX_TotDays, etc.) to obtain the total number of days spent in all.

YearX_NDaysDA	“Year X: Total number of days in drug/alcohol facilities”
YearX_NDaysPsych	“Year X: Total number of days spent in psychiatric facilities”
YearX_NDaysFoster	“Year X: Total number of days spent in foster homes”
YearX_NDaysShelter	“Year X: Total number of days spent in shelters”
YearX_NDaysJP	“Year X: Total number of days spent in jails/prisons”
YearX_NDaysDet	“Year X: Total number of days spent in detention centers”
YearX_NDaysYDC	“Year X: Total number of days spent in YDC/ADJC”
YearX_NDaysCR	“Year X: Total number of days spent in contracted residential (general) facilities”
YearX_NDaysCRMH	“Year X: Total number of days spent in contracted residential (mental health) facilities”
YearX_NDaysOther	“Year X: Total number of days spent in other facilities”

Proportion of time spent in each setting type

These variables represent the proportion of each yearly interval spent in each setting type. The numerator for the proportion score is the cumulative number of days described above, and the denominator is the total number of days covered in the recall periods (YearX_NDaysRP).

YearX_PropTimeDA	“Year X: Proportion of time spent in drug/alcohol facilities”
YearX_PropTimePsych	“Year X: Proportion of time spent in psychiatric facilities”
YearX_PropTimeFoster	“Year X: Proportion of time spent in foster homes”
YearX_PropTimeShelter	“Year X: Proportion of time spent in shelters”
YearX_PropTimeJP	“Year X: Proportion of time spent in jails/prisons”
YearX_PropTimeDet	“Year X: Proportion of time spent in detention centers”
YearX_PropTimeYDC	“Year X: Proportion of time spent in YDC/ADJC”

YearX_PropTimeCR	“Year X: Proportion of time spent in contracted residential (general) facilities”
YearX_PropTimeCRMH	“Year X: Proportion of time spent in contracted residential (mental health) facilities”
YearX_PropTimeOther	“Year X: Proportion of time spent in other facilities”

Variables in the linear format

Conversion of recall monthly data to linear months

The monthly Pathways data, in its raw form, is not suited for some kinds of analytic approaches (e.g., trajectory analysis). Each time point interview allows for a maximum of 8 or 14 months in the recall period, depending on the follow-up wave (8 months was the maximum for time points 6-36 and 14 for time periods 48-84). This means that there is a corresponding variable in the dataset to hold information about each of those months through a maximum of 14 months (the outer limit of any of the possible months covered). If however, the recall period did not include the maximum number of months (as is most often the case), there will be variables with no data. For example, subject 1 has a recall period of 5 months for follow-up 12 so this means he/she will have data in five monthly variables but not in the remaining nine. Subject 2, has seven months in the recall period for follow-up 12 so he/she will have data in all but seven of the monthly variables. The recall length is set by programming code based on the current date in relationship to the date of the previous interview (see “Interview Information” under Measures for a more detailed description of how the length of the recall period is determined). However, the programming code did permit the interviewer to “reset” by hand the length of the recall period. This was done infrequently, but in some instances it created a situation in which we obtained two reports of the same month. For example, follow06 covered months January to June and the interviewer resets the follow12 recall period to start with June (leading to two different reports for the month of June). A series of data cleaning decisions (described in [Section 7](#)) were implemented to correct these situations but we note them here because they are relevant to the conversion of the data to linear months.

The “linear months” data reformats the variables so that each variable is a sequential representation of life event data for each month of the research participant’s life from the baseline interview forward. Thus, “linear month 8” actually represents eight calendar months from the baseline and “linear month 16” is actually 16 months past the baseline interview. In this format, several issues are resolved. Specifically:

1. **Months not covered in the recall period are removed.** In the “recall period by-month”, there are place-markers for months not covered in the recall period (e.g., if S#NMonths = 5, variables for months 6 – 14 are still included but will be blank for that case). The actual number of months covered in the recall period will vary from case to case, with the majority having fewer than 14 months covered.

In the linear format, variables outside of the range of months covered in the recall period are eliminated, so that only months with a subject self-report remain.

2. **Overlapping months are removed.** Situations where there were two reports for the same calendar month are corrected, and the duplicate month is removed entirely (click [here](#) for more information).
3. **Gap months are accounted for.** In some cases, a subject report is missing entirely for a particular calendar month. For instance, the end of the follow06 recall period may cover January 2000, and the beginning of follow12 covers March, resulting in an absence of a report for February. In this case, the missing calendar month (February) is included in the sequence of linear data but is noted as being a “gap” month (e.g., Linear month #6 = January; Linear month #7 = February (“gap month”); Linear month #8 = March, etc.).

It's important to note that while a place-holder for the gap month is included in the linear sequence, there will not be any subject self-report data for that month (click [here](#) for more information).

4. **Missed timepoint interviews.** Place-holders for calendar months that are missing a subject self-report due to a missed timepoint interview are also included in the linear sequence. As with gap months, all self-report data from the subject will be missing for these months.

Variables available in the linear format

Again, the **XX** in the variable names below means that the item is repeated once for each of the three (or two, in the case of psychiatric, YDC/ADJC, contracted residential, and other) possible facility admissions in the recall period (e.g., S#DA**XX**_Code = S#DA01_Code, S#DA02_Code, & S#DA03_Code; S#Psych**XX**_Code = S#Psych01_Code & S#Psych02_Code; etc.).

By setting type - total number of days

“Number of days across all facilities during month x, within setting type x”

L01DA_NDays to L87DA_NDays
L01Psych_NDays to L87Psych_NDays
L01Foster_NDays to L87Foster_NDays
L01Shelter_NDays to L87Shelter_NDays
L01JP_NDays to L87JP_NDays
L01Det_NDays to L87Det_NDays
L01YDC_NDays to L87YDC_NDays
L01CR_NDays to L87CR_NDays
L01CRMH_NDays to L87CRMH_NDays
L01Other_NDays to L87Other_NDays

Street time proportions

“Number of days in all setting types during month x”

L01NDaysAllSettings to L87NDaysAllSettings

“Proportion of month x spent in all settings”

L01PropTimeAllSettings to L87PropTimeAllSettings

“Proportion of month x spent in the streets, stays in all setting types considered”

L01PropTimeStreets to L87PropTimeStreets

“Number of days in settings with no community access during month x”

L01NDaysSecureSettings to L87NDaysSecureSettings

“Proportion of month x spent in settings with no community access”

L01PropTimeSecureSettings to L87PropTimeSecureSettings

“Proportion of month x spent in the streets, only stays in settings with no community access considered”

Recall period month mapped to linear month number

In addition, a “map” is provided to link the linear month back to the recall period and month in which the information was originally collected. This is important to know when recall-level data is being used in conjunction with the monthly event calendar data.

For example, a trajectory analysis of employment at the monthly level is conducted. The investigator observes a distinct period of time when employment declines (or increases) and wants to understand what else is going on in the life of the participant on that trajectory during that particular period in time. He/she can look at recall-level data for that time period (e.g., symptoms, relationship quality) to draw some inferences.

L01TpMo to L87TpMo “Recall period month (s#m#) mapped to linear month number ##”

These variables link the recall period month (s#m#) to each linear month (e.g., whether linear month number 26 is S5M1 or S5M4, etc.). A code and label is inserted into each month to indicate why data is missing for that particular calendar month. There are three important codes:

- **Months missing due to the timepoint interview being missed.**
 - o These are noted with a series of five dashes (-----) in the TpMo variables (dashes are used instead of a numeric code because these are string variables).
 - o In all other linear variables, a sysmis code of -201 (Month missing – timepoint interview missed) is assigned.
- **Months missing due to a gap in months between recall periods** (e.g., the end of s1 covered January, but the beginning of s2 started with March)
 - o These are noted as “-GAP-” in the TpMo variables.
 - o In all other linear variables, a sysmis code of -699 (Month missing – gap in months covered between recall periods) is assigned.
- **Months outside of the range of linear months covered by the case through the 84month interview.** Most cases do not have exactly 84 months covered through the follow84 timepoint. The maximum number of months covered by any case is 87, therefore all cases are allowed for that number of months, but most have fewer than that maximum.
 - o Months outside of the range for a particular case are noted as ‘nirp’ (not in recall period) in the TpMo variables.
 - o In all other linear variables, a sysmis code of -555 (Month outside the range of linear months covered by the case) is assigned.

Section 4: Number of Periods out of the Community

To assess the patterns of sanctions and interventions that involved removal from the community, we created a set of variables that reflect the number of distinct periods during which the youth was in an out-of-home placement for consecutive months, without time in the community. Some general rules for creating this construct follow.

General rules for coding

These rules apply to both Philadelphia and Arizona cases.

1. Moving from one facility to another facility with a different code is counted as a distinct episode, even when they are within the same setting type (e.g., a move from Jail/Prison with a code of 1234 to Jail/Prison with a code of 1235 is counted as two separate episodes). There are some exceptions to this rule: some facilities are considered to be part of the same system and transfers among them are not counted as new stays; specific facility relationships in Pennsylvania and Arizona will be described below.
2. For juvenile facilities: Spending one month in the community and then going back to the same facility that preceded the community month is counted as one stay. We are assuming that they had a home pass from the facility during the community month. However, spending one month in the community and going back to a different facility is counted as a new episode.

This rule does not hold for adult facilities. If a subject is in an adult facility and that is followed by a community month with a return to an adult facility (either the same one or a different one), it is counted as two stays. We do not believe the adult system gives home passes.

3. For juvenile facilities: A month in a facility followed by two or more months in the community, and then return to the same facility is counted as two stays. We do not believe a home pass would last longer than 30 days.

Specific Philadelphia facility relationships

1. Movement between St. Gabriel's pre-trial and post-adjudication locations is coded as one stay.
2. Stays within the Philadelphia jail system are coded as one stay because (based on the report of the Philadelphia interviewers) individuals are moved between these facilities for many reasons, including bed availability. The facilities that are part of this system include: Alternative and Special Detention (ASD), Curran-Fromhold Correctional facility, House of Corrections, Philadelphia Industrial (PICC), Riverside Correctional Facility, and the Detention Center and Special Victims Unit at the county jail.
3. Movement from PA DOC Camp Hill to another PA DOC facility is coded as one stay when Camp Hill appears at the beginning, middle or end of consecutive months. This was done because Camp Hill is the evaluation center for the PA DOC system and all new inmates are sent to Camp Hill for a period of time before being moved to their "main" prison. Other PA DOC facilities are coded each time there is a new code.
4. Self-help movement and Self-Help halfway house are coded as one stay.
5. Movement from a PA DOC to a halfway house is counted as two distinct stays.
6. Movement from The Academy to Summit in Butler PA is counted as one stay. The Academy provides the evaluation prior to sending youth to Summit.

Specific Arizona facility relationships

1. Estrella and Tent City are the same facility and are coded as one stay.

2. A stay in Alhambra that is followed immediately (in the same month or next) by a stay in any other ASPC facility, is counted as one stay.

Variables in the linear format

Starting the first month of the follow06 recall period (S1M01) with zero, a running count was incremented each time a subject either entered a facility from the community, or moved from one facility to another without returning to the community first (with certain exceptions; some facilities are considered to be part of the same system and transfers among them are not counted as new stays; specific facility relationships in PA and AZ were noted above).

Because this variable is a running count, it differs from other linear variables in some ways. Other linear variables (see [Variables in the Linear Format](#)) will have a missing value code inserted into months for which we do not have a subject report (either due to a missed interview, gap months, or months outside of the range covered by the case). In contrast, the distinct stay variables will have a value inserted into every month, up to linear month number 87. Two versions of this count were computed:

1. **Known stays.** In some cases a timepoint interview was missed due to a facility not allowing interviewer access during the window of opportunity. When this situation occurred, it was noted as the reason for a missed interview on the study data tracking site. Although the interview data was not collected in these situations, we did know the participant was in a facility and thus included this information in the incremental count.

L01NStaysK to L87NStaysK “Known stays (includes known stays during missed interviews)”

2. **Reported stays.** This is a count based only on the available self reported timepoint data, and thus does not include any known stays that occurred during a missing timepoint. If the user wishes to link the linear distinct stay episodes count to the recall level calendar data, this is the version that should be used.

L01NStaysR to L87NStaysR “Reported stays (only stays reported in interviews)”

Cumulative variables

These variables provide the total number of distinct stay episodes, known and reported, up through seven years. Because the cumulative linear variables were computed as running totals, the value for the yearly variables will always be the same as that of the last linear month (L87NStaysK = Year7_TotalStaysK; L87NStaysR = Year7_TotalStaysR).

Year7_TotalStaysK “Total number of known stays through 7 years (includes known stays through a missed interview)”

Year7_TotalStaysR “Total number of reported stays through 7 years (only includes stays reported in interviews)”

Section 5: Facility Stay Series

Often times researchers are interested in knowing about a facility experience as a whole rather than in recall-level increments as is available in the main services calendar dataset. This is particularly an issue when facility stays are long and span multiple recall periods. To address this need, we have developed summary variables which combine the recall level reports into a “full stay” report. Viewed in this way, the data is organized by “stay number” and these are presented in the chronological order they appear for each person. The average number of stays per person is five with a range of 0 to 27 distinct stays. Thirteen percent of the sample did not report any stays at all through the end of the 84month interview; of those cases that had at least one reported stay, the average number of stays is six with a mode of one.

A “stay” in this set of variables is defined as a continuous run of months at a single facility, with a few exceptions explained below. The stay begins in the month the subject first reports being in a particular facility on the services calendar (determined by examining the “days” variables described [here](#)) and ends in the month where the subject no longer reports being in that facility (either because they moved to a new facility or because they went into the community).

General Coding Rules

1. **Home pass months:** Spending one month in the community and then going back to the same facility that preceded the community month is counted as one stay. We are assuming that they had a home pass from the facility during the community month. This rule holds true for juvenile facilities only; we do not believe the adult system gives home passes.

A “home pass” month in this context is not defined by the monthly “home pass” questions asked in the interview, because those questions were not asked until a later interview version. Instead, a home pass month here is a single month in the community that interrupts a continuous run of months in one facility. So a “home pass” month here may not necessarily correlate with home pass months indicated on the calendar.

2. **Gap months:** A full explanation of gap months can be found in the previous section (see [gap months](#)). Briefly, a subject report can be missing entirely for one or more calendar months between the end of one recall period and the start of the next, as a result of an error in the interview (e.g., the end of the follow06 recall period may cover January 2000 but the beginning of follow12 covers March, resulting in an absence of a report for February. The month of February here is called a gap month). These gap months are essentially treated the same as home pass months, and do not cause a stay to end, regardless of the number of gap months present.
3. **Missed timepoint interviews:** A missed timepoint interview ends a stay, even if the subject was in the same facility prior to and following the missed interview.

Variables available for each stay

Number of stays

The maximum number of stays reported by any subject through the end of 84months is 27, thus each variable in this section will be repeated 27 times.

NStays

“Number of facility stays through the end of follow84”

Identifying facility code

This is the four-digit code associated with each unique facility. A code of 9993 is assigned to cases where the facility name is unknown. The majority of cases with this code will appear in the follow06 and follow12 timepoints, and generally are those cases that were completed with earlier versions of the interview.

FacCode### “Identifying facility code”

Facility type - Adult, juvenile or specialized setting

This variable notes whether each stay was in an adult, juvenile or specialized setting.

SettingGrp### “Type of setting”
 (1) Specialized service
 (2) Juvenile setting
 (3) Adult setting

Facility type - Specified

These variables note the type of each facility.

FacType### “Facility type”
 (11) Drug and alcohol facility or detoxification unit
 (12) Psychiatric hospital or unit
 (14) Foster home
 (16) Shelter/emergency shelter
 (20) Jail or prison
 (21) Detention center (juvenile)
 (22) YDC or ADJC
 (23) Contracted residential treatment (general)
 (24) Contracted residential treatment (mental health)
 (25) Detention center (adult)
 (26) Adult community corrections
 (96) Other (juvenile)

Begin and end month (s#m#) of the stay

These variables note the recall period month (s#m#) at the beginning and end of a stay, and can be used to link the stay back to the recall periods in which it occurred. A series of four dashes (----) indicates the subject did not have any stays.

TpMo_Begin## “Recall period month when stay begins”
TpMo_End## “Recall period month when stay ends”

Marker for gap months and home pass months

Every stay includes two variables that indicate whether a gap month or home pass month is included in the span of that stay.

GapStay## “Is there a gap month in this stay”
Homepass## “Is there a home pass month in this stay”
 (1) Yes
 (0) No

Specific data characterizing the stay

Questions in this section are available for all setting types **except** foster homes and shelters. For stays that lasted seven or more days in the recall period, additional information regarding the characteristics of that facility and the specific services received during the stay was obtained. Some, but not all, of the data collected at the recall level for each facility has been included in the facility stay dataset.

Each case is required to have certain amount of valid data present to receive a score for the stay. The rules here are similar to those that are used to compute the cumulative yearly variables; however adjustments were made for the facility stay dataset since stays span various size recall periods and do not always appear in yearly intervals. The rules are as follows:

1. If a stay does not span recall periods (e.g., the stay was reported in a single recall period), then the recall level reported data is used directly.
2. If a stay does span recall periods, data for the stay must be computed by combining data from each recall period that is part of the stay. The following describes how data for stays spanning recall periods was computed. If insufficient data is present, a missing value is assigned to that variable for the stay. There are some exceptions to this rule that are specific to only certain variables; these will be explained below when appropriate.
 - For stays that span 2 recall periods, 1 of 2 recall periods must have valid data for the stay.
 - For stays that span 3 recall periods, 2 of 3 recall periods must have valid data for the stay.
 - For stays that span 4 recall periods, 3 of 4 recall periods must have valid data for the stay.
 - For stays that span 5 recall periods, 4 of 5 recall periods must have valid data for the stay.
 - For stays that span 6 recall periods, 4 of 6 recall periods must have valid data for the stay.
 - For stays that span 7 recall periods, 5 of 7 recall periods must have valid data for the stay.
 - For stays that span 8 recall periods, 6 of 8 recall periods must have valid data for the stay.
 - For stays that span 9 recall periods, 7 of 9 recall periods must have valid data for the stay.
 - For stays that span 10 recall periods, 8 of 10 recall periods must have valid data for the stay.

Data Issue

There are 331 stays among 245 cases where more than one stay in the same facility was recorded as one stay in the recall period interview. These stays were split up into 707 separate stays in the “stay” dataset because a close examination of the calendar data revealed time in the community. For example:

	S1M01	S1M02	S1M03	S1M04	S1M05	S1M06	S1M07
(N)Days, as entered in the interview FacCode 1234	31	0	0	0	31	31	31
(Split) FacCode 1234 Stay #1	31	--	--	--	--	--	--
(Split) FacCode 1234 Stay #2	--	--	--	--	31	31	31

In this example, the data for facility 1234 was entered as one stay during the interview. In the stay dataset, this will be split into two separate stays, since there is a three month gap between when they left in S1M01 and when they returned in S1M05. Stay 1 becomes 31 days in length (s1m01) and Stay 2 becomes 93 days (s1m05, s1m06, s1m07).

All recall level follow-up questions in the interview are asked about their experiences at the stay level, rather than the monthly level, so computed variables for these cases were handled differently.

For binary questions (primary counselor, release counselor), and for “mean of” questions (overall safety, planning), the reported data was duplicated from the original single stay to the split stays (in the above case, if “had a primary counselor at facility 1234” is Yes, then that same variable for split Stay01 and Stay02 becomes Yes).

For variables that represent the total number of sessions in the recall period (DATx_Sessions, Psych_Sessions), the number was divided among the split stays in proportion to the number of days in each split compared with the number of days in the original single stay. For example, in the case above, if the subject received a total of 30 drug/alcohol treatment sessions in the recall period, the split stay was calculated as follows:

Stay 01 = (31 days / 124 days) * 30 sessions = 7.5 total sessions during this stay

Stay 02 = (93 days / 124 days) * 30 sessions = 22.5 total sessions during this stay

For variables that represent a rate (DaTx_Rate), the rate was computed based on their corresponding “sessions” value and the number of days in the stay (Stay 02 d/a treatment rate would become 22.5 sessions / 93 days = 0.24 sessions per day).

Length of stay (in months and days)

Two variables provide the length of the stay.

- 1) Length of stay in months. This is a count of the total number of **calendar** months in the stay, including gap months.

NMonths##

“(Actual) Number of calendar months in the stay”

- 2) Length of stay in days spanning the entire stay. This variable provides the total number of **reported** days at the facility, computed by summing the number of days for each recall month covering the duration of the stay. This does not include gap months, since gap months are not covered in the interview and no data collection occurred. In cases where the GapStay marker is Yes, the reported number of days will be fewer than the number of months.

TotDays##

“(Reported) Total number of days in the stay across all recall months”

Example: CaseID 2794 – In this case, the number of recall months covered is 6.

Recall Month	Calendar Month	Stay01 (Code 1062) NDays
S1M01	December	30
S1M02	January	30
S1M03	February	30
S1M04	March	30
S1M05	April	30
----- (Gap)	May	-----
S2M01	June	12
NMonths01 = 7 (6 recall months + 1 gap month)		
TotDays01 = 162 (the sum of S1M01 to S2M01 NDays, across 6 months of data)		

Primary Counselor

This is a binary marker for whether the subject had a primary counselor assigned to them at any time during their stay, and was computed as follows:

- When any recall period contains a Yes response, then the result is a Yes, even if the subject did not meet the criteria for the amount of valid data required (e.g., if the stay spans 3 recall periods and only 1 of 3 timepoints has valid data, but that one timepoint has a Yes response, then the above rules are ignored and that Yes response is applied to the stay).
- If all available timepoints have a No response, but the case does not have enough valid timepoint data to receive a score, then the result is a missing value.

PriCounsel## “At any time during the stay, was the subject assigned a primary counselor (a specific person assigned to help with any problems the subject might have had)”
 (1) Yes (in at least one recall period)
 (0) No (in all recall periods)

This variable was also used in the dimensions dataset (see the “Dimensions of Organizational Functioning” codebook in the release interview for more information).

Primary Counselor Sessions

This variable provides the total number of sessions the subject had with their primary counselor through the duration of their stay. If the subject did not have a primary counselor (PriCounsel = No), then the number of sessions will have a missing value. If the subject did have a primary counselor, then the number of sessions will be the sum of the number of reported session in all recall periods in which it was received. This still applies even if the case does not meet the threshold for having enough valid data.

PriCounsel_Sessions## “Total number of session with the primary counselor”

Release Counselor

This is a binary marker that establishes the presence of a person assigned to help prepare the subject for their return to the community. This variable follows the same rules noted above for the primary caregiver marker.

CommReturn## “At any time during the stay, had a release counselor”
 (1) Yes (in at least one recall period)
 (0) No (in all recall periods)

This variable was also used in the dimensions dataset (see the “Dimensions of Organizational Functioning” codebook in the release interview for more information).

Release Counselor Sessions

This variable provides the total number of times the subject met with their release counselor through the duration of their stay, and was computed following the same rules noted above for the primary caregiver sessions.

CommReturn_Num## “Total number of times met with the release counselor”

Overall Safety

This variable was computed as the mean of the recall level safety scores (S#DAXX_safety) and was only computed if the stay has enough valid timepoint data to receive a score (if insufficient data is present, a missing value of “-888: Insufficient data present to receive a score” is assigned).

Safety## “Overall safety during the stay”
 (1) In danger all of the time
 (2) In danger most of the time
 (3) In danger some of the time
 (4) In danger very little of the time
 (5) In danger none of the time (felt safe all of the time)

This variable is also similar to one used in the dimensions dataset (see the “Dimensions of Organizational Functioning” codebook in the release interview for more information); however, the dimensions component is computed as the mean of four individual items while the facility version only contains two individual items.

Presence of Caring Adults

These are binary markers indicating the presence of a caring adult across seven different domains, and were computed following the same rules noted above for the primary caregiver marker. If any recall period contains a Yes response, then the result is a Yes, even if the case does not meet the criteria for the amount of valid data. Otherwise, missing timepoint rules apply.

“At any time during the stay, was there...”
 (1) Yes (in at least one recall period)
 (0) No (in all recall periods)

Adult_Admirer## “An adult you admire or would want to be like”
Adult_Advice## “An adult you could talk to if you needed information/advice”
Adult_Trouble## “An adult you could talk to if you were having trouble”
Adult_Decision## “An adult you could talk to about important life decisions”
Adult_Help## “An adult you could depend on for help if you needed it”
Adult_Problems## “An adult you could feel comfortable talking about problems with”
Adult_Feelings## “An adult who cared about your feelings”

Caring Adults: Domains of Social Support

This variable is a count of the number of different domains for which a caring adult was present in the facility throughout their stay. This variable is similar to the Domains of Social Support score used in the subject baseline and follow-up Caring Adult measures, as well as the dimensions dataset, with two exceptions:

- This is based on a count across seven domains, while the measure and dimensions versions are counts across eight domains. The item “If you got an award or did something well is there someone you would tell” was not included in the facility version of this measure.
- To keep this as consistent as possible with the measure and dimensions versions, all seven items are required to have a valid response (yes or no) in order to receive a computed score.

Cadpre## “Domains of Social Support (number of items endorsed)”

If insufficient data is present, a missing value of “-888: Insufficient data present to receive a score” is assigned). This is assigned when one or more of the seven domains has a missing value.

Services Received

These are binary markers indicating whether the subject received each service at any point during their stay, and are computed following the same rules noted above for the primary caregiver marker. If any recall period contains a Yes response, then the result is a Yes, even if the case does not meet the criteria for the amount of valid data. Otherwise, missing timepoint rules apply.

“At any time during the stay...”

(1) Yes (in at least one recall period)

(0) No (in all recall periods)

DATx##	“Receive d/a treatment”
Psych##	“Have sessions with a psychologist”
GrpTher##	“Receive group therapy”
Priest##	“Have sessions with a priest”
FamBased##	“Receive family-based treatment”
MHUnit##	“Receive treatment on a MH unit”
AngerMan##	“Receive anger management”
School##	“Receive school or GED classes”
JobTrain##	“Receive job skills/vocational training”

Number of Services Received

This variable is a count of the number of services the subject received during their stay, exclusive of job skills/vocational training. All eight items are required to have a valid response (yes or no) in order to receive a computed score. If insufficient data is present (one or more items has a missing value), a missing value of “-888: Insufficient data present to receive a score” is assigned to the count.

SvcsCount## “Number of services received (exclusive of job skills)”

A similar count was also used in the dimensions dataset, however the dimensions component was computed as a count of eight items (d/a treatment, psychologist, group therapy, religious services, family-based treatment, anger management, and other), while the facility stay version excludes other (this is not an option in the services calendar) and includes school/ged classes (which was not an option in the release interview).

Total number of sessions, by service type

For each service received, we compute the total number of times they received that service across the duration of their stay. This is computed by summing the recall level number of sessions (discussed earlier, [here](#)) for each type endorsed.

If the service was not received (for example, DATx01 = No), then the number of sessions for that service will be zero (DATx_Sessions01 = 0).

If the service was received (DATx01 = Yes), then the number of sessions for that service will be the sum of the number of reported sessions for that service in the recall periods in which it was received. This still applies even if the case does not meet the threshold for having enough valid data.

DATx_Sessions##	“D/A tx – total number of sessions”
Psych_Sessions##	“Psychologist – total number of sessions”
GrpTher_Sessions##	“Group therapy – total number of sessions”
Priest_Sessions##	“Priest – total number of sessions”

FamBased_Sessions##	“Family based tx – total number of sessions”
MHUnit_Sessions##	“MH unit – total number of sessions”
AngerMan_Sessions##	“Anger management – total number of sessions”
School_Sessions##	“School – total number of sessions”
JobTrain_Sessions##	“Job training – total number of sessions”

Total number of sessions, across all services received

This variable is a sum of the total number of sessions across all service types endorsed.

Total_Sessions##	“Total number of sessions across all types”
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Rate of receiving each individual service

These variables represent our estimation of the rate at which they received each service (in number of sessions per day) across the duration of their stay, computed using the “number of sessions” variables described above and the total number of days spent at the facility. Because this relies on the “number of sessions variables”, the same rules noted above for computing sessions also applies here (e.g., when DaTx01 = Yes, DaTx_Rate01 will always have a valid value).

Denominator

For most cases, the denominator for the rate will be the total number of days in the stay across all recall periods (TotDays##). Due to the missing timepoint rule however, this value will be reduced for cases that have data missing for one or more recall periods in which the stay occurred.

For example, TotDays01 for CaseID 2682 has a total of 498 days at the facility, spanning the follow06 to follow18 recall periods (S1 days = 165, S2 days = 180, and S3 days = 153).

The follow06 timepoint was completed with an early interview version, prior to the addition of all follow-up questions, so this timepoint is not included in any computations for the stay. The denominator for the rate computations for this stay will be 333 (combining s2 and s3 days only).

RateDenom##	“Rate denom: Number of days in timepoints with valid data”
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Rate

The rate represents the number of sessions received per day, and is the result of the sum of all valid sessions across all recall periods divided by the sum of the number of valid days across all recall periods.

DATx_Rate##	“Rate of receiving d/a treatment”
Psych_Rate##	“Rate of seeing a psychologist”
GrpTher_Rate##	“Rate of receiving group therapy”
Priest_Rate##	“Rate of seeing a priest”
FamBased_Rate##	“Rate of receiving family based treatment”
MHUnit_Rate##	“Rate of receiving treatment on a mental health unit”
AngerMan_Rate##	“Rate of receiving anger management”
JobTrain_Rate##	“Rate of receiving job training”
School_Rate##	“Rate of receiving school or ged classes”

Total rate across all services received

This variable is rate of sessions across all services received, computed by summing the individual rates above.

Total_Rate## “Total rate of receiving all services”

Mental health treatment: Received, Number of sessions, and Intensity

This is a marker for receiving mental health treatment at any point during the stay, combining the following services:

- Psychologist (Psych##)
- Group therapy (GrpTher##)
- Family based treatment (FamBased##)
- Treatment on a mental health unit (MHUnit##)

If any of the above four markers is Yes, then the mental health treatment marker is set to Yes.

MHTx## “Received mental health treatment at some point during the stay (combining psychologist, group therapy, family-based treatment, and treatment on a mental health unit)”
(1) Yes (in at least one recall period)
(0) No (in all recall periods)

A second variable sums the number of mental health treatment sessions received.

MHTx_Sessions## “Number of mental health treatment sessions received”

A third variable provides the number of sessions received per day in the facility.

MHTx_Intensity## “Mental health intensity score (sessions / day)”

Competency based services: Received, Number of sessions, and Intensity

This is a marker for receiving any competency based services at any point during the stay, combining the following services:

- Anger management/social skills training (AngerMan##)
- Job skills training (JobTrain##)
- School or GED classes (School##)

If any of the above three markers is Yes, then the competency based marker is set to Yes.

SK## “Received skills/competency based services at some point during the stay (combining anger management, job skills, and school)”
(1) Yes (in at least one recall period)
(0) No (in all recall periods)

SKTx_Sessions## “Number of competency based services received”

SKTx_Intensity## “Competency based services intensity score (sessions / day)”

Substance Use treatment: Received, Number of sessions, and Intensity

Similar markers are available for substance use treatment, but unlike the mental health and competency based markers, substance use treatment was directly asked during the interview. These markers (was it received, frequency and total sessions) are explained in the previous section (see pages 26 and 33).

Case manager services: Received, Number of sessions, and Intensity

This is a marker for receiving any case manager services at any point during the stay, combining the following services:

- Primary counselor (a specific staff person to whom the subject could go for any problems they might have had) (PriCounsel##)
- Release counselor (a person assigned to help with making arrangements for the subjects' return to the community) (CommReturn##)

CM## "Received case management services (combines primary counselor and release counselor)"

Peer Offending

This variable was computed as the mean of the recall level peer delinquency scores (S#DrugXX_prbehv), and is only computed if the stay has enough valid timepoint data to receive a score.

Prbehv## "Peer delinquency – mean across 12 items"
(1) None of them
(2) Very few of them
(3) Some of them
(4) Most of them
(5) All of them

This variable was also used in the dimensions dataset (see the "Dimensions of Organizational Functioning" codebook in the release interview for more information).

Future orientation of the program

This variable was computed as the mean of the recall level future orientation scores (S#DrugXX_planning), and is only computed if the stay has enough valid timepoint data to receive a score.

Planning## "Future orientation of the program"

Additional information not reflected on the residential calendar

Combining data from the study tracking website, living calendar, and release interview, this marker is an indication that one of these sources contains information that was not captured on the residential services calendar. This could mean two things:

- 1) For a stay that is represented in the dataset, there are additional days in one or more of the above sources that were not recorded on the services calendar.
- 2) One or more of the above sources includes a stay that is not represented on the services calendar at all.

Additional_Information "Is there additional information from another source that is not captured on the residential calendar?"

- (1) Yes (additional information is available from one or more other sources)
- (0) No (no additional information available)

Linear Variables - Characterizing Stay

Each linear month in this section holds basic information related to the facility in which the subject had the longest stay during that month. If more than one stay occurred in a single month, then the facility where the subject spent a greater proportion of the month is listed (defined here as the “main facility”).

If a stay contains a homepass month, the corresponding months’ data in the linear format is set to a missing value of -102 (NA: No stays in any facility this month). For example, CaseID 370, Stay #1 is four months long, spanning recall months S1M01 to S1M04 (linear months L01 to L04), with a home pass month occurring in S1M03 (L03). In the linear format, the facility has data for linear months L01, L02 and L04, while linear month L03 has a missing value of -102 (NA: No stays in any facility this month).

Identifying Facility Code

This is the four-digit code associated with main facility for each month.

L##MainFac_FacCode “Identifying facility code”

Setting group - Adult, juvenile or specialized setting

These variables note whether the main facility stay was in an adult, juvenile or specialized setting. If the subject did not have a stay in any facility during the month, it will be coded as a community month.

L##MainFac_SettingGrp “Type of setting”
(0) Community
(1) Specialized service (d/a, psych, other, shelter, foster home)
(2) Juvenile setting (detention, YDC, contracted residential)
(3) Adult setting (jail/prison, detention, adult community corrections)

A community month here is defined as a month in which the subject had zero days in a facility of any type.

In some instances, a youth may go to a juvenile facility after a stay in an adult facility. This happens in about 10% of the cases in each site and we were unsure if this situation was an error in the self-report data or if it could actually happen. Consultation with a Philadelphia public defender indicates that this scenario does actually occur in practice. For example, a youth may return to the juvenile system after being in the adult system for a particular purpose (e.g., restoring competency to stand trial). Unfortunately, we are not able to sort out the rationale for a juvenile stay after an adult system confinement; we can just observe that it occurred.

Facility type - Specified

These variables note the type of facility.

L##MainFac_FacType “Facility type”
(11) Drug and alcohol facility or detoxification unit
(12) Psychiatric hospital or unit
(14) Foster home
(16) Shelter/emergency shelter
(20) Jail or prison
(21) Detention center (Juvenile)
(22) YDC or ADJC
(23) Contracted residential treatment (general)
(24) Contracted residential treatment (mental health)
(25) Detention center (Adult)
(26) Adult community corrections

(96) Other

Number of days at the facility

These variables provide the number of days at the main facility in that month.

L##MainFac_NDays “Number of days

Section 6: Descriptive Information Regarding the Recall Period

As a standard practice, the specific calendar information will be accompanied by three sets of variables which describe the recall period. This information is important for the user to consider when attempting to use data characterizing the recall period (e.g. measures) in conjunction with the monthly-level calendar data. In addition, this information is useful if the user is viewing events from a developmental perspective.

Number of days covered in each month of the recall period

This value represents the number of days in each month that is represented in the calendar data (i.e., if Month03 covers February, NDays for that month will = 28). The values for the last month of the recall period are reduced, however, if the interview was actually conducted in that month. For example, if the current interview is conducted on 02/18/05, the value for the last month of the recall period is 18. If the interview is being conducted before the 15th of the month, the last month covered is actually the **previous** month. However, if the interview is being conducted after the 15th of the month, then that recall period covers all days of the month up through the day of the interview.

S#NDays01 to S#NDays14

“Number of days covered in month x”

Calendar month and year mapped to a recall period month

These variables (labeled “RealDate”) provide the calendar month and year associated with each month covered in the recall period (e.g. Month 3 of the 18th month follow-up interview is equal to July 2003 for one subject but it could be referencing December 2006 for another subject).

S#RealDate01 to S#RealDate14

“Calendar month and year linked S#M#”

Subject age at each month

These variables plot the subject’s age at each month of the recall period. Subject age at the time of the interview is also available (see the “Demographics” measure codebook for more information). Two sets of variables are available for each month, 1) the subject’s age truncated to a whole number, and 2) the subject’s age as a continuous variable. Each is computed as the calendar date for the month (from the S#RealDate## variables above) minus the subject’s date of birth.

S#SubjAge_M01 through S#SubjAge_M14

“Subject age during month x (truncated0)”

S#CTSubjAge_M01 through S#CTSubjAge_M14

“Subject age during month x (continuous)”

For 328 cases, the subject’s age at the baseline was greater than the age in the first month of follow06. This happened when the calendar month for the date of the baseline interview and the calendar month for S1M01 are the same. The RealDate variables are in the Year/Month/Day format, and are set to the first of each month (e.g., S1M01 = January 1, 2007; S1M02 = February 1, 2007; S1M03 = March 1, 2007, etc.), so the baseline age will be slightly higher than the age at S1M01 when this is the same month. For these cases, we have set the age at S1M01 equal to the age at the baseline interview.

Also, note that the subject’s age at the time of the follow-up interviews and their age in the final month of the recall period will not always be the same, because the last month of the recall period is not always set to the month in which the interview was conducted. If the interview was conducted before the 15th of the month, the final month of the recall period will be set (through programming code) to the month prior (e.g., if conducted on November 14th, the last month will be set to October). If the interview was conducted after the 15th of the month, the age in the final month and the age at the recall level will be the same.

Linear Subject Age

L01SubjAge to L87SubjAge	“Subject age (truncated)”
L01CTSubjAge to L87CTSubjAge	“Subject age (continuous)”

Linear Number of Days Covered, and Calendar Months

L01NDays to L87NDays	“Number of days covered this month”
L01RealDate to L87RealDate	“Calendar month and year linked to linear month”

Section 7: Data Issues

Overlapping Months

Introduction

The number of months covered in each recall period (S#NMonths) is usually automatically determined by the interview programming. Follow-up interviews for a particular timepoint must be conducted within a specific period of time, ranging from six weeks prior to the exact target date to eight weeks after the target date. The last month covered in the recall period is determined based on whether the interview was actually conducted in that month. If the interview was conducted after the 15th of the month, the last month of the recall period was set to the month in which it was conducted; if completed prior to the 15th, the last month was set to the month prior. For example, the last month of the recall period is set to February if the interview is conducted on or after February 15th. If the interview was conducted between February 1st and 14th, the last month of the recall period was set to January.

However, interviewers were able to override the programming that set the time frame for reporting, and in some situations they created two reports for the same month, collected at two different interviews. For instance, the follow30 timepoint may have a seven month recall period covering January through June, while the follow48 timepoint covered May through December, resulting in months May and June being covered in both timepoints.

Through follow84, there are 221 cases where the same calendar month was covered in two timepoint interviews. Data cleaning was carried out by staff at the coordinating center to remove data for the duplicate month, so that the end result is a single report for that calendar month. As a general rule, the recall period month that was closest to the time of the event for which information was being collected was kept, and the other month was removed. For example:

- The date of the follow06 interview is July 20th, 2000.
- S1M06 covers the month of July. In this recall period, the subject reports they were arrested and charged this month.
- The date of the follow12 interview is December 2000.
- S2M01 covers the month of July. Here, the subject does not report an arrest this month.

The date in S2M01 was removed. We believe the report of an arrest in S1M06 because the interview is being conducted in July, and the subject is reporting an arrest in that month. We believe the report of an arrest in S1M06 because this is closer to the time of the event (reporting an arrest in July while being interviewed in July) than the follow12 report (where the subject is being interviewed in December and trying to report on something that happened six months prior).

Impact on S#NMonths and calendar data

S#NMonths “Number of months covered in the recall period”

This variable refers to the number of months covered in the recall period and is important for all data plotted by month (refer to the “Interview Information” measure codebook for more specific information about this variable) and is impacted by the overlapping months issue.

The number of months removed as a result of overlap cleaning is deducted from the interview-generated value of S#NMonths, so that the **overlap corrected** value of S#NMonths represents the actual number of months for which there is a valid subject report for that recall period.

In the majority of cases, data within overlapping months at the beginning of the recall period were removed (e.g., when S1M06 and S2M01 overlap, S2M01 is removed). A system missing code is inserted for that month to indicate that the month overlaps with the one in the prior recall period, and S2M01 will no longer hold any data. In these cases, the subject will have data in recall months that fall outside of the range of months indicated in S#NMonths. In other words, if a case originally had a five month recall period, and the first two months at the beginning are removed as a result of overlap, the new value of S#NMonths will be 3, but data will still be present in recall months 4 and 5.

For example:

- The original value of S#NMonths for follow12 = 4.
- S1M05 and S2M01 cover the month of May; all data for S2M01 are removed.
- The **overlap corrected** value of S#NMonths for follow12 = 3. Data is still present up through S2M04 because it was originally reported as such.
- All self-reported subject data for S2M01 are removed. A system missing code indicates that that month overlaps with the one in the prior recall period.

	S1M01	S1M02	S1M03	S1M04	S1M05 (KEEP)	S2M01 (REMOVE)	S2M02	S2M03	S2M04
Calendar Month	January	February	March	April	May	May	June	July	August
Arrested Calendar (before cleaning)	No Arrest	No Arrest	No Arrest	No Arrest	Arrest	No Arrest	No Arrest	No Arrest	No Arrest
Arrested Calendar (after cleaning)	No Arrest	No Arrest	No Arrest	No Arrest	Arrest	Overlap month – refer to other timepoint for data	No Arrest	No Arrest	No Arrest

Gap Months

Introduction

In some situations, there is a gap in the months covered between recall periods. For instance, the follow30 timepoint may cover the calendar months January through July, while the follow36 recall period may cover calendar months October through December. In this situation, self-reported subject data is not obtained for the months of August and September.

Through follow84, there are 125 cases that have at least one “gap” month between recall periods, with 31 of these cases having two or more missing months.

APPENDIX A: SUMMARY TABLE

Although certain questions listed in this section are asked once for each facility, only the SPSS variable names specific to stays in drug or alcohol facilities will be listed. The variable names for the remaining setting types follow the same naming convention, where the “DAXX” portion of the variable name will be replaced with the following:

- PsychXX
- JPXX
- DetXX
- YDCXX
- CRXX
- CRMHXX
- OtherXX

Description of Variable	Variable Name	Version Changes	Page Number
Recall Level Items			
By setting type			
<i>Had an overnight stay in a:</i>			
Drug/Alcohol facility	S#DA_Stay		13-16
Psychiatric hospital or unit	S#Psych_Stay		13-16
Foster home	S#Foster_Stay		13-16
Shelter	S#Shelter_Stay		13-16
Jail or prison	S#JP_Stay		13-16
Detention center (juvenile)	S#DetJ_Stay		13-16
Detention center (adult)	S#DetA_Stay		13-16
YDC or ADJC	S#YDC_Stay		13-16
Contracted residential	S#CR_Stay		13-16
Contracted residential (mental health)	S#CRMH_Stay		13-16
Other (juvenile)	S#OtherJ_Stay		13-16
Other (adult)	S#OtherACC_Stay		13-16
Stay in a facility of type unknown	S#Unknown_Stay		13-16
<i>Number of different facilities within each setting type</i>			
Drug/Alcohol facility	S#DA_Num		16
Psychiatric hospital or unit	S#Psych_Num		16

Foster home	S#Foster_Num		16
Shelter	S#Shelter_Num		16
Jail or prison	S#JP_Num		16
Detention center (juvenile)	S#DetJ_Num		16
Detention center (adult)	S#DetA_Num		16
YDC or ADJC	S#YDC_Num		16
Contracted residential	S#CR_Num		16
Contracted residential (mental health)	S#CRMH_Num		16
Other (juvenile)	S#OtherJ_Num		16
Other (adult)	S#OtherACC_Num		16
Stay in a facility of type unknown	S#Unknown_Num		16
Total number of days			
Drug/Alcohol facility	S#DA_TotDays		31
Psychiatric hospital or unit	S#Psych_TotDays		31
Foster home	S#Foster_TotDays		31
Shelter	S#Shelter_TotDays		31
Jail or prison	S#JP_TotDays		31
Detention center (juvenile or adult)	S#Det_TotDays		31
YDC or ADJC	S#YDC_TotDays		31
Contracted residential	S#CR_TotDays		31
Contracted residential (MH)	S#CRMH_TotDays		31
Other (juvenile or adult)	S#Other_TotDays		31
Rated helpfulness of the program			
How much did you need this placement/service	S#DA_Need, S#Psych_Need, S#JP_Need, S#Det_Need, S#YDC_Need, S#CR_Need, S#CRMH_Need, S#Other_Need		29
How much do you feel that this placement/service was helpful to you	S#DA_Helpful, S#Psych_Helpful, S#JP_Helpful, S#Det_Helpful, S#YDC_Helpful, S#CR_Helpful, S#CRMH_Helpful, S#Other_Helpful		29
How much do you think the people at this placement were really trying to do their job of helping you out	S#DA_Staff, S#Psych_Staff, S#JP_Staff, S#Det_Staff, S#YDC_Staff, S#CR_Staff, S#CRMH_Staff, S#Other_Staff		29
Street time proportions			
Number of days in all setting types	S#NdaysAllSettings		32, 33

Proportion of time in all settings	S#PropTimeAllSettings		32, 33
Proportion of time on streets using all settings	S#PropTimeStreets		32, 33
Number of days in settings without access to the community	S#NdaysSecureSettings		32, 33
Proportion of time spent in settings without community access	S#PropTimeSecureSettings		32, 33
Proportion of time on streets considering facilities without community access	S#PropTimeStreetsSecure		32, 33
By facility			
<i>Identifying facility code</i>			
Drug/Alcohol facility	S#DAXX_Code		17
Psychiatric hospital or unit	S#PsychXX_Code		17
Foster home	S#FosterXX_Code		17
Shelter	S#ShelterXX_Code		17
Jail or prison	S#JPXX_Code		17
Detention center (juvenile or adult)	S#DetXX_Code		17
YDC or ADJC	S#YDCXX_Code		17
Contracted residential	S#CRXX_Code		17
Contracted residential (MH)	S#CRMHXX_Code		17
Other (juvenile or adult)	S#OtherXX_Code		17
<i>Setting group (adult, juvenile or specialized setting)</i>			
Drug/Alcohol facility	S#DAXX_SettingGrp		19
Psychiatric hospital or unit	S#PsychXX_SettingGrp		19
Foster home	S#FosterXX_SettingGrp		19
Shelter	S#ShelterXX_SettingGrp		19
Jail or prison	S#JPXX_SettingGrp		19
Detention center (juvenile or adult)	S#DetXX_SettingGrp		19
YDC or ADJC	S#YDCXX_SettingGrp		19
Contracted residential	S#CRXX_SettingGrp		19
Contracted residential (MH)	S#CRMHXX_SettingGrp		19
Other (juvenile or adult)	S#OtherXX_SettingGrp		19
<i>Type of facility</i>			
Drug/Alcohol facility	S#DAXX_Type		19
Psychiatric hospital or unit	S#PsychXX_Type		19
Foster home	S#FosterXX_Type		19
Shelter	S#ShelterXX_Type		19
Jail or prison	S#JPXX_Type		19
Detention center (juvenile or adult)	S#DetXX_Type		19
YDC or ADJC	S#YDCXX_Type		19

Contracted residential	S#CRXX_Type		19
Contracted residential (MH)	S#CRMHXX_Type		19
Other (juvenile or adult)	S#OtherXX_Type		19
Total number of days			
Drug/Alcohol facility	S#DAXX_TotDays		31
Psychiatric hospital or unit	S#PsychXX_TotDays		31
Foster home	S#FosterXX_TotDays		31
Shelter	S#ShelterXX_TotDays		31
Jail or prison	S#JPXX_TotDays		31
Detention center (juvenile or adult)	S#DetXX_TotDays		31
YDC or ADJC	S#YDCXX_TotDays		31
Contracted residential	S#CRXX_TotDays		31
Contracted residential (MH)	S#CRMHXX_TotDays		31
Other (juvenile or adult)	S#OtherXX_TotDays		31
Number of times in and out			
Drug/Alcohol facility	S#DAXX_InOut	X	20
Psychiatric hospital or unit	S#PsychXX_InOut	X	20
Jail or prison	S#JPXX_InOut	X	20
Detention center (juvenile or adult)	S#DetXX_InOut	X	20
YDC or ADJC	S#YDCXX_InOut	X	20
Contracted residential	S#CRXX_InOut	X	20
Contracted residential (MH)	S#CRMHXX_InOut	X	20
Other (juvenile or adult)	S#OtherXX_InOut	X	20
Length of the longest stay			
Drug/Alcohol facility	S#DAXX_LongestStay	X	21
Psychiatric hospital or unit	S#PsychXX_LongestStay	X	21
Foster home	S#FosterXX_LongestStay	X	21
Shelter	S#ShelterXX_LongestStay	X	21
Jail or prison	S#JPXX_LongestStay	X	21
Detention center (juvenile or adult)	S#DetXX_LongestStay	X	21
YDC or ADJC	S#YDCXX_LongestStay	X	21
Contracted residential	S#CRXX_LongestStay	X	21
Contracted residential (MH)	S#CRMHXX_LongestStay	X	21
Other (juvenile or adult)	S#OtherXX_LongestStay	X	21
Primary counselor			
Primary counselor	S#DAXX_PriCounsel		24
Frequency of meeting with primary counselor	S#DAXX_PriCounsel_Num		24

<i>Person helping with return to community</i>			
Have someone helping with making arrangements to return to community	S#DAXX_CommReturn		25
Frequency of meeting with this person	S#DAXX_CommReturn_Num		25
<i>Safety Items</i>			
How safe feel from staff	S#DAXX_Safe_Staff		25
How safe feel from others	S#DAXX_Safe_Others		25
Overall safety (mean of the two items above)	S#DAXX_safety		25
<i>Caring Adults</i>			
Adults you admire/want to be like	S#DAXX_Adult_Admire		26
Adults you can go to for advice	S#DAXX_Adult_Advice		26
Adults you can talk to if in trouble	S#DAXX_Adult_Trouble		26
Adults you can talk to about important decisions	S#DAXX_Adult_Decision		26
Adults you can depend on for help	S#DAXX_Adult_Help		26
Adults you feel comfortable talking to	S#DAXX_Adult_Problems		26
Adults that care about your feelings	S#DAXX_Adult_Feelings		26
Domains of social support (count of domains endorsed)	S#DAXX_cadpre		26
<i>Services received</i>			
Drug/alcohol treatment	S#DAXX_DATx		26
Psychologist or psychiatrist	S#DAXX_Psych		26
Group therapy	S#DAXX_GrpTher		26
Priest, minister, clergy or healer	S#DAXX_Priest		26
Family-based treatment	S#DAXX_FamBased		26
Treatment on a mental health unit	S#DAXX_MHUnit		26
Anger management or social skills	S#DAXX_AngerMan		26
Job skills or vocational training	S#DAXX_JobTrain		26
School or GED classes	S#DAXX_School		26
Total number of services received, exclusive of job training	S#DAXX_SvcsCount		33
<i>Intensity of services: Number of sessions</i>			
Drug/alcohol treatment	S#DAXX_DATx_Sessions		33
Psychologist or psychiatrist	S#DAXX_Psych_Sessions		33
Group therapy	S#DAXX_GrpTher_Sessions		33
Priest, minister, clergy or healer	S#DAXX_Priest_Sessions		33
Family-based treatment	S#DAXX_FamBased_Sessions		33
Mental health treatment	S#DAXX_MHUnit_Sessions		33
Anger management or social skills	S#DAXX_AngerMan_Sessions		33
Job skills or vocational training	S#DAXX_JobTrain_Sessions		33

School or GED classes	S#DAXX_School_Sessions		33
Total number of sessions across all services received	S#DAXX_Total_Sessions		33
<i>Intensity of services: Rate of receiving each service (sessions/day)</i>			
Drug/alcohol treatment	S#DAXX_DATx_Rate		33
Psychologist or psychiatrist	S#DAXX_Psych_Rate		33
Group therapy	S#DAXX_GrpTher_Rate		33
Priest, minister, clergy or healer	S#DAXX_Priest_Rate		33
Family-based treatment	S#DAXX_FamBased_Rate		33
Treatment on a mental health unit	S#DAXX_MHUnit_Rate		33
Anger management or social skills	S#DAXX_AngerMan_Rate		33
Job skills or vocational training	S#DAXX_JobTrain_Rate		33
School or GED classes	S#DAXX_School_Rate		33
Total rate	S#DAXX_Total_Rate		33
<i>Helpfulness of each service</i>			
Drug/alcohol treatment	S#DAXX_DATx_Helpful		27
Psychologist or psychiatrist	S#DAXX_Psych_Helpful		27
Group therapy	S#DAXX_GrpTher_Helpful		27
Priest, minister, clergy or healer	S#DAXX_Priest_Helpful		27
Family-based treatment	S#DAXX_FamBased_Helpful		27
Treatment on a mental health unit	S#DAXX_MHUnit_Helpful		27
Anger management or social skills	S#DAXX_AngerMan_Helpful		27
Job skills or vocational training	S#DAXX_JobTrain_Helpful		27
School or GED classes	S#DAXX_School_Helpful		27
<i>Did they need the service</i>			
Drug/alcohol treatment	S#DAXX_DATx_Need		27
Psychologist or psychiatrist	S#DAXX_Psych_Need		27
Group therapy	S#DAXX_GrpTher_Need		27
Priest, minister, clergy or healer	S#DAXX_Priest_Need		27
Family-based treatment	S#DAXX_FamBased_Need		27
Treatment on a mental health unit	S#DAXX_MHUnit_Need		27
Anger management or social skills	S#DAXX_AngerMan_Need		27
Job skills or vocational training	S#DAXX_JobTrain_Need		27
School or GED classes	S#DAXX_School_Need		27
<i>Peers</i>			
Peer delinquency – antisocial behavior (mean of 12 items)	S#DAXX_prbehv		27
Any friends they will keep in touch with when they leave the facility	S#DAXX_Friend_InTouch		28
Number of friends	S#DAXX_Friend_InTouchNum		28

<i>Planning for release</i>			
Is the subject still at the facility	S#DAXX_StillAtFac	X	28
Residents were encouraged to plan for the future	S#DAXX_Plan_Encouraged		29
Staff help residents get jobs	S#DAXX_Plan_StaffHelpJobs		29
Little emphasis on making plans for release	S#DAXX_Plan_MakePlans		29
Staff help residents get into youth groups	S#DAXX_Plan_YouthGroups		29
Facility emphasized training for new kinds of jobs	S#DAXX_Plan_JobTrain		29
Staff help residents get into school	S#DAXX_Plan_SchoolProg		29
Most people at the facility were more concerned with the past than the future	S#DAXX_Plan_PastFuture		29
Before leaving we had to make specific plans	S#DAXX_Plan_SpecificPlans		29
Future orientation of the program (mean of six items)	S#DAXX_planning		29
Monthly Level Items			
By setting type			
<i>Total number of days spent in all facilities of each type</i>			
Drug/Alcohol facility	S#DA_NDays_M##		34
Psychiatric hospital or unit	S#Psych_NDays_M##		34
Foster home	S#Foster_NDays_M##		34
Shelter	S#Shelter_NDays_M##		34
Jail or prison	S#JP_NDays_M##		34
Detention center (juvenile or adult)	S#Det_NDays_M##		34
YDC or ADJC	S#YDC_NDays_M##		34
Contracted residential	S#CR_NDays_M##		34
Contracted residential (mental health)	S#CRMH_NDays_M##		34
Other (juvenile or adult)	S#Other_NDays_M##		34
<i>Street time proportions</i>			
Number of days in all setting types	S#NdaysAllSettings_M##		35, 36
Proportion of time in all settings	S#PropTimeAllSettings_M##		35, 36
Proportion of time on streets using all settings	S#PropTimeStreets_M##		35, 36
Number of days in settings without access to the community	S#NdaysSecureSettings_M##		35, 36
Proportion of time spent in settings without community access	S#PropTimeSecureSettings_M##		35, 36
Proportion of time on streets considering facilities without community access	S#PropTimeStreetsSecure_M##		35, 36
By facility			
<i>Identifying facility code</i>			
Drug/Alcohol facility	S#DAXX_Code_M##		35

Psychiatric hospital or unit	S#PsychXX_Code_M##		35
Foster home	S#FosterXX_Code_M##		35
Shelter	S#ShelterXX_Code_M##		35
Jail or prison	S#JPXX_Code_M##		35
Detention center (juvenile or adult)	S#DetXX_Code_M##		35
YDC or ADJC	S#YDCXX_Code_M##		35
Contracted residential	S#CRXX_Code_M##		35
Contracted residential (MH)	S#CRMHXX_Code_M##		35
Other (juvenile or adult)	S#OtherXX_Code_M##		35
<i>Number of days stayed overnight</i>			
Drug/Alcohol facility	S#DAXX_NDays_M##		22
Psychiatric hospital or unit	S#PsychXX_NDays_M##		22
Foster home	S#FosterXX_NDays_M##		22
Shelter	S#ShelterXX_NDays_M##		22
Jail or prison	S#JPXX_NDays_M##		22
Detention center (juvenile or adult)	S#DetXX_NDays_M##		22
YDC or ADJC	S#YDCXX_NDays_M##		22
Contracted residential	S#CRXX_NDays_M##		22
Contracted residential (MH)	S#CRMHXX_NDays_M##		22
Other (juvenile or adult)	S#OtherXX_NDays_M##		22
<i>Number of days on home pass</i>			
Drug/Alcohol facility	S#DAXX_HomePass_M##	X	23
Psychiatric hospital or unit	S#PsychXX_HomePass_M##	X	23
Jail or prison	S#JPXX_HomePass_M##	X	23
Detention center (juvenile or adult)	S#DetXX_HomePass_M##	X	23
YDC or ADJC	S#YDCXX_HomePass_M##	X	23
Contracted residential	S#CRXX_HomePass_M##	X	23
Contracted residential (MH)	S#CRMHXX_HomePass_M##	X	23
Other (juvenile or adult)	S#OtherXX_HomePass_M##	X	23
<i>Had a stay lasting 7 nights in a row</i>			
Drug/Alcohol facility	S#DAXX_Stay7_M##	X	23
Psychiatric hospital or unit	S#PsychXX_Stay7_M##	X	23
Foster home	S#FosterXX_Stay7_M##	X	23
Shelter	S#ShelterXX_Stay7_M##	X	23
Jail or prison	S#JPXX_Stay7_M##	X	23
Detention center (juvenile or adult)	S#DetXX_Stay7_M##	X	23
YDC or ADJC	S#YDCXX_Stay7_M##	X	23

Contracted residential	S#CRXX_Stay7_M##	X	23
Contracted residential (MH)	S#CRMHXX_Stay7_M##	X	23
Other (juvenile or adult)	S#OtherXX_Stay7_M##	X	23
Descriptive information regarding the recall period			
Subject age at each month (truncated)	S#SubjAge_M##		57
Subject age at each month (continuous)	S#CTSubjAge_M##		57
Number of days covered in each month	S#NDays##		57
Calendar month linked to each s#m#	S#RealDate##		57
Cumulative variables (1yr, 2yr, 3yr, 4yr, 5yr, 6yr, 7yr)			
Number of days covered in each yearly interval	YearX_NDaysRP		37
<i>Street time proportions</i>			
Number of days in all setting types	YearX_NDaysAllSettings		37
Proportion of time in all settings	YearX_PropTimeAllSettings		37
Proportion of time on streets using all settings	YearX_PropTimeStreets		37
Number of days in settings without access to the community	YearX_NDaysSecureSettings		37
Proportion of time spent in settings without community access	YearX_PropTimeSecureSettings		37
Proportion of time on streets considering facilities without community access	YearX_PropTimeStreetsSecure		37
<i>Time spent in each setting type</i>			
Number of days spent in drug/alcohol facilities	YearX_NDaysDA		38
Proportion of time spent in drug/alcohol facilities	YearX_PropTimeDA		38
Number of days spent in psychiatric facilities	YearX_NDaysPsych		38
Proportion of time spent in psychiatric facilities	YearX_PropTimePsych		38
Number of days spent in foster homes	YearX_NDaysFoster		38
Proportion of time spent in foster homes	YearX_PropTimeFoster		38
Number of days spent in shelters	YearX_NDaysShelter		38
Proportion of time spent in shelters	YearX_PropTimeShelter		38
Number of days spent in jails/prisons	YearX_NDaysJP		38
Proportion of time spent in jails/prisons	YearX_PropTimeJP		38
Number of days spent in detention centers	YearX_NDaysDet		38
Proportion of time spent in detention centers	YearX_PropTimeDet		38
Number of days spent in YDC or ADJC facilities	YearX_NDaysYdc		38
Proportion of time spent in YDC or ADJC facilities	YearX_PropTimeYdc		38
Number of days spent in contracted residential (general) facilities	YearX_NDaysCR		38
Proportion of time spent in contracted residential (general) facilities	YearX_PropTimeCR		38
Number of days spent in contracted residential (mental health) facilities	YearX_NDaysCRMH		38

Proportion of time spent in contracted residential (mental health) facilities	YearX_PropTimeCRMH		38
Number of days spent in other facilities	YearX_NDaysOther		38
Proportion of time spent in other facilities	YearX_PropTimeOther		38
<i>Distinct facility episodes</i>			
Known stays (includes known stays during missed interviews)	Year7_TotalStaysK		42, 43
Reported stays (only stays reported in interviews)	Year7_TotalStaysR		42, 43
Items available in the linear format			
By setting type			
<i>Total number of days</i>			
Drug/Alcohol facility	L##DA_NDays		39, 40
Psychiatric hospital or unit	L##Psych_NDays		39, 40
Foster home	L##Foster_NDays		39, 40
Shelter	L##Shelter_NDays		39, 40
Jail or prison	L##JP_NDays		39, 40
Detention center (juvenile or adult)	L##Det_NDays		39, 40
YDC or ADJC	L##Ydc_NDays		39, 40
Contracted residential	L##CR_NDays		39, 40
Contracted residential (mental health)	L##CRMH_NDays		39, 40
Other (juvenile or adult)	L##Other_NDays		39, 40
<i>Street time proportions</i>			
Number of days in all setting types	L##NDaysAllSettings		39, 40
Proportion of time in all settings	L##PropTimeAllSettings		39, 40
Proportion of time on streets using all settings	L##PropTimeStreets		39, 40
Number of days in settings without access to the community	L##NDaysSecureSettings		39, 40
Proportion of time spent in settings without community access	L##PropTimeSecureSettings		39, 40
Proportion of time on streets considering facilities without community access	L##PropTimeStreetsSecure		39, 40
Distinct Facility Episodes			
Running count of known stays (includes known stays during missed interviews)	L##NStaysK		42, 43
Running count of reported stays (includes only stays reported in interviews)	L##NStaysR		42, 43
Characterizing Stays			
Identifying code for the facility in which the subject spent a greater proportion of the month	L##MainFac_FacCode		56

Setting group for the main facility	L##MainFac_SettingGrp		56
Facility type of the main facility	L##MainFac_Type		56
Number of days spent at the main facility	L##MainFac_NDays		56
Items summarizing each month			
Subject age at each month (truncated)	L##SubjAge		57
Subject age at each month (continuous)	L##CTSubjAge		57
Number of days covered in each month	L##NDays		57
Calendar month linked to each s#m#	L##RealDate		57
Recall period month (s#m#) mapped to linear month number (L##)	L##TpMo		41
Facility Stay Series			
Number of facility stays through 84months	NStays		44
By facility			
Identifying facility code	FacCode##		44, 45
Marker indicating if facility is juvenile, adult or specialized service	SettingGrp##		44, 45
Facility type	FacType##		44, 45
Recall period (s#m#) month when stay begins	TpMo_Begin##		44, 45
Recall period (s#m#) month when stay ends	TpMo_End##		44, 45
Is there a gap month in this stay	GapStay##		44, 45
Is there a homepass month in this stay	Homepass##		44, 45
Length of stay			
Number of actual (calendar) months in this stay	NMonths##		44, 46, 47
Total number of reported days at the facility	TotDays##		44, 46, 47
Primary counselor			
Primary counselor	PriCounsel##		44, 46, 47
How often met with primary counselor	PriCounsel_Sessions##		44, 46, 48
Person helping with return to community			
Have someone helping with making arrangements to return to community	CommReturn##		44, 46, 48
Number of times met with release counselor	CommReturn_Sessions##		44, 46, 48
Safety Items			
Overall safety rating (mean of two items across the stay)	safety##		44, 46, 49
Caring Adults			
Adults you admire/want to be like	Adult_Admire##		44, 46, 49
Adults you can go to for advice	Adult_Advice##		44, 46, 49
Adults you can talk to if in trouble	Adult_Trouble##		44, 46, 49
Adults you can talk to about important decisions	Adult_Decision##		44, 46, 49

Adults you can depend on for help	Adult_Help##		44, 46, 49
Adults you feel comfortable talking to	Adult_Problems##		44, 46, 49
Adults that care about your feelings	Adult_Feelings##		44, 46, 49
Domains of social support (count of domains endorsed)	Cadpre##		44, 46, 49
<i>Services received</i>			
Drug/alcohol treatment	DATx##		44, 46, 50
Psychologist or psychiatrist	Psych##		44, 46, 50
Group therapy	GrpTher##		44, 46, 50
Priest, minister, clergy or healer	Priest##		44, 46, 50
Family-based treatment	FamBased##		44, 46, 50
Treatment on a mental health unit	MHUnit##		44, 46, 50
Anger management or social skills	AngerMan##		44, 46, 50
Job skills or vocational training	JobTrain##		44, 46, 50
School or GED classes	School##		44, 46, 50
Received mental health treatment (combines psychologist, group therapy, family-based treatment, and treatment on a mental health unit)	MHTx##		44, 46, 52
Received any skills/competency based services (combines anger management, job skills, and school)	SK##		44, 46, 52
Received any case management services (combines primary counselor and release counselor)	CM##		44, 46, 53
<i>Intensity of services: Number of sessions</i>			
Drug/alcohol treatment	DATx_Sessions##		44, 46, 50
Psychologist or psychiatrist	Psych_sessions##		44, 46, 50
Group therapy	GrpTher_Sessions##		44, 46, 50
Priest, minister, clergy or healer	Priest_Sessions##		44, 46, 50
Family-based treatment	FamBased_Sessions##		44, 46, 50
Treatment on a mental health unit	MHUnit_Sessions##		44, 46, 50
Anger management or social skills	AngerMan_Sessions##		44, 46, 50
Job skills or vocational training	JobTrain_Sessions##		44, 46, 50
School or GED classes	School_Sessions##		44, 46, 50
Total number of sessions across all types of services received	Total_Sessions##		44, 46, 50
Mental health treatment (combines psychologist, group therapy, family-based treatment, and treatment on a mental health unit)	MHTx_Sessions##		44, 46, 52
Skills/competency based services (combines anger management, job skills, and school)	SK_Sessions##		44, 46, 52
<i>Intensity of services: Rate of receiving each service (sessions/day)</i>			
(Denominator for Rates) Number of days across all valid timepoints	RateDenom##		44, 46, 51

Drug/alcohol treatment	DATx_Rate##		44, 46, 51
Psychologist or psychiatrist	Psych_Rate##		44, 46, 51
Group therapy	GrpTher_Rate##		44, 46, 51
Priest, minister, clergy or healer	Priest_Rate##		44, 46, 51
Family-based treatment	FamBased_Rate##		44, 46, 51
Treatment on a mental health unit	MHUnit_Rate##		44, 46, 51
Anger management or social skills	AngerMan_Rate##		44, 46, 51
Job skills or vocational training	JobTrain_Rate##		44, 46, 51
School or GED classes	School_Rate##		44, 46, 51
Rate of sessions across all types of services received	Total_Rate##		44, 46, 51
Mental health treatment (combines psychologist, group therapy, family-based treatment, and treatment on a mental health unit)	MHTx_Intensity##		44, 46, 52
Skills/competency based services (combines anger management, job skills, and school)	SK_Intensity###		44, 46, 52
Peers			
Peer delinquency - Antisocial behavior (mean of 12 items)	prbehv##		44, 46, 53
Planning for release			
Future orientation of the program (mean of 6 items)	Planning##		44, 46, 53
Additional Information			
A marker to indicate if additional sources (study tracking website, living calendar, or release calendar) contain data that is not represented on the services calendar	Additional_Information		44, 46, 53

Additional sections supplement this calendar. Refer to the codebook section for each listing for more information

Demographics – contains subject age at the time of the interview

Official Court Record Information – contains a monthly plotting of arrests based on official record information. This can be found under the “Measures” section of the Measures codebook.

Community Based Services – contains information regarding services the subject received while in the community, including the frequency of each service, focus (d/a treatment, anger management/social skills training), and circumstances (whether the service was court-ordered, whether the youth attended alone or with family). This can be found under the “Sanctions and Interventions” section of the Calendar codebook.

Court Monitoring Services – contains information regarding four types of court monitoring, including probation/parole, community intensive supervision, drug court programs, and court-ordered programs. This can be found under the “Sanctions and Interventions” section of the Calendar codebook.

Contacts with the Justice System – contains information regarding five different types of contact with the legal system, including whether the youth was picked up by the police, arrested and charged, had a court appearance, received a summons, or received police or court assistance as the victim of a crime. This can be found under the “Sanctions and Interventions” section of the Calendar codebook.

Medication – contains information regarding prescription medication the subject has taken for emotional and/or behavioral problems, as well as information regarding medication compliance. This can be found under the “Sanctions and Interventions” section of the Calendar codebook.

Interview Information – contains variables that describe basic information related to the interview, such as interview completion status, interview date, version, and number of months and days covered by the recall period. This can be found under the “Interview Information” section of the “Measures” codebook.