Pathways to Desistance

Court Monitoring Services

This includes logic changes for all versions of the interview

Created 8/30/07
Updated September 6, 2011

COURT MONITORING SERVICES **4**

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Court Monitoring Services

Introduction

This is a complex document meant to serve as reference guide for individuals thinking about how to structure the raw information about involvement in court monitoring services 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 form.

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

1. It is meant to be used in conjunction with a data set containing all the variables generated from this section of the interview regarding court monitoring services. There are variables that are linked to specific interview questions (e.g., on probation) 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.
    a. The first section provides a schematic overview of the data.
    b. The second section provides the specific interview questions included in the interview battery.
    c. 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.
    d. The fourth section provides a detailed explanation of the conversion of the monthly recall level data to the linear format.

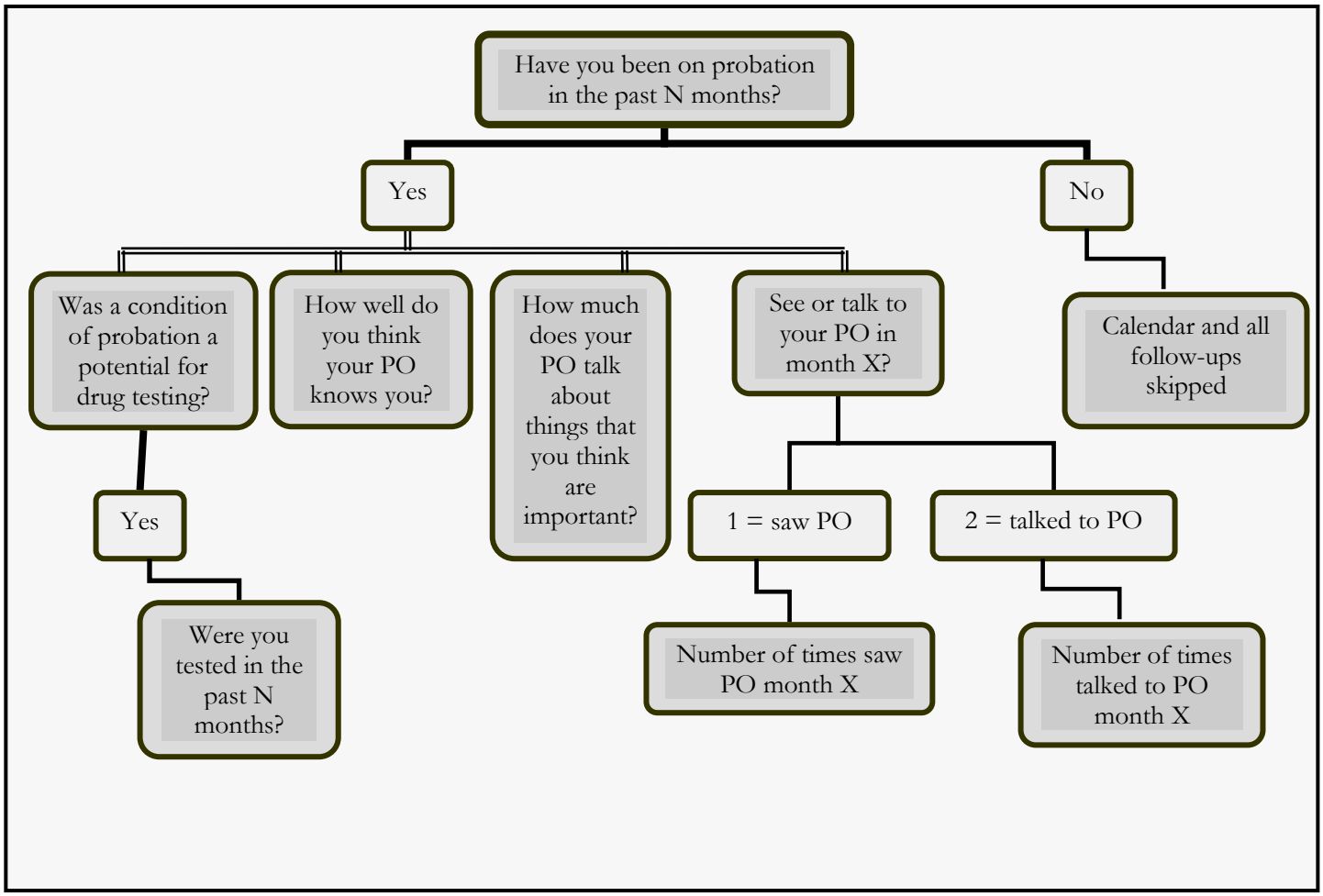
A summary table of the variables available is included at the end of this document (See Appendix A).

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

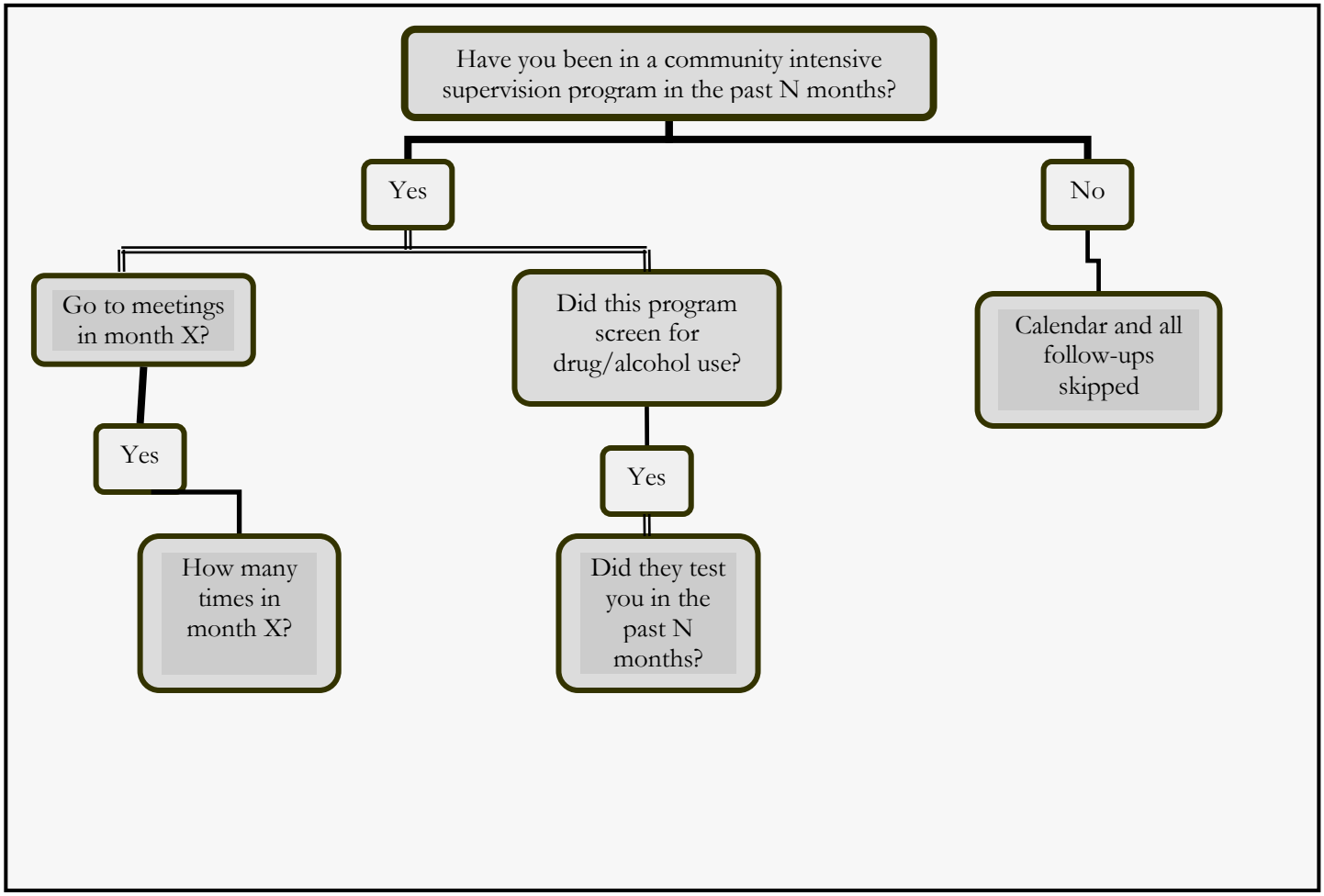
Section 1: Flowchart of the Calendar

The following pages provide a very brief summary of the specific questions asked in this calendar. 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.

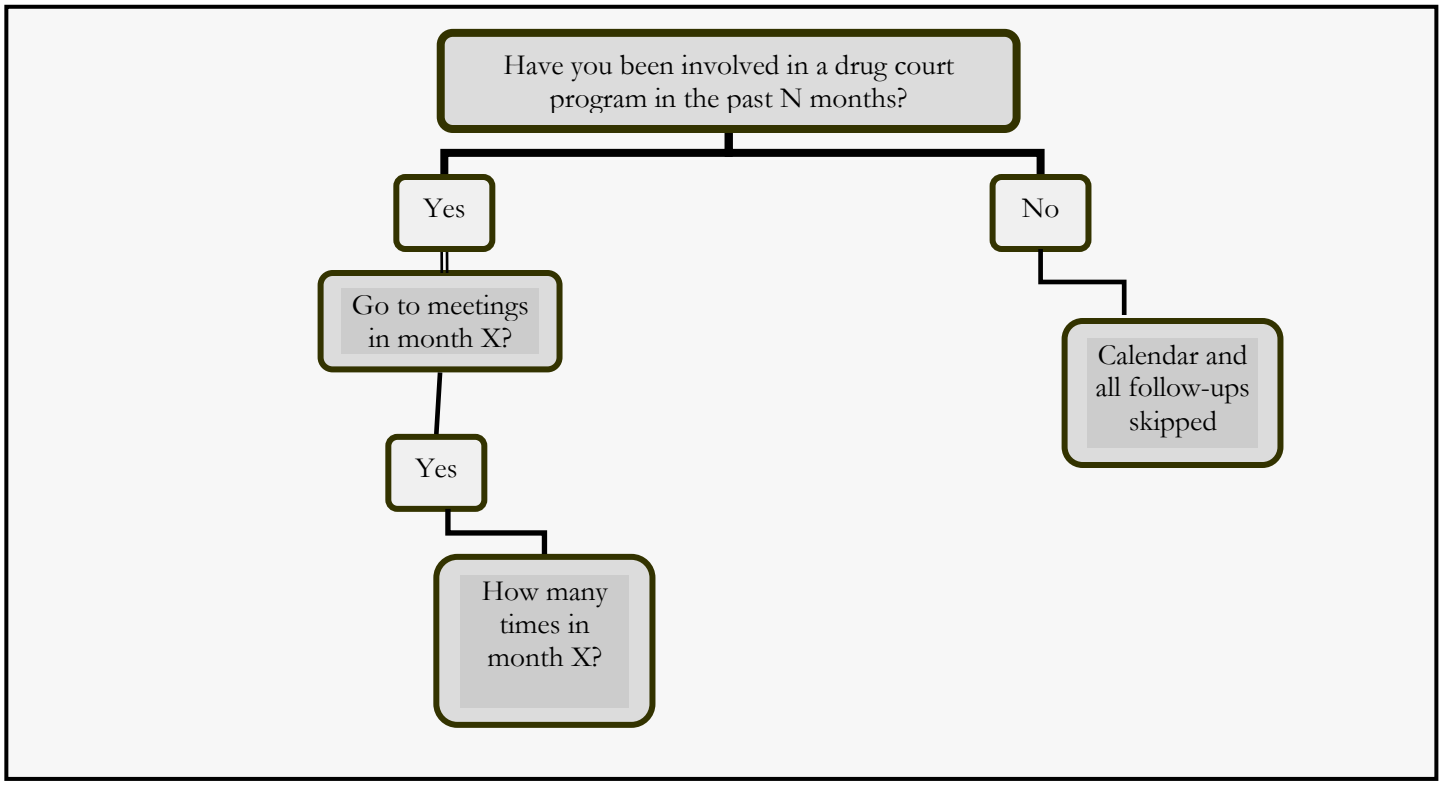
Probation Calendar Flowchart



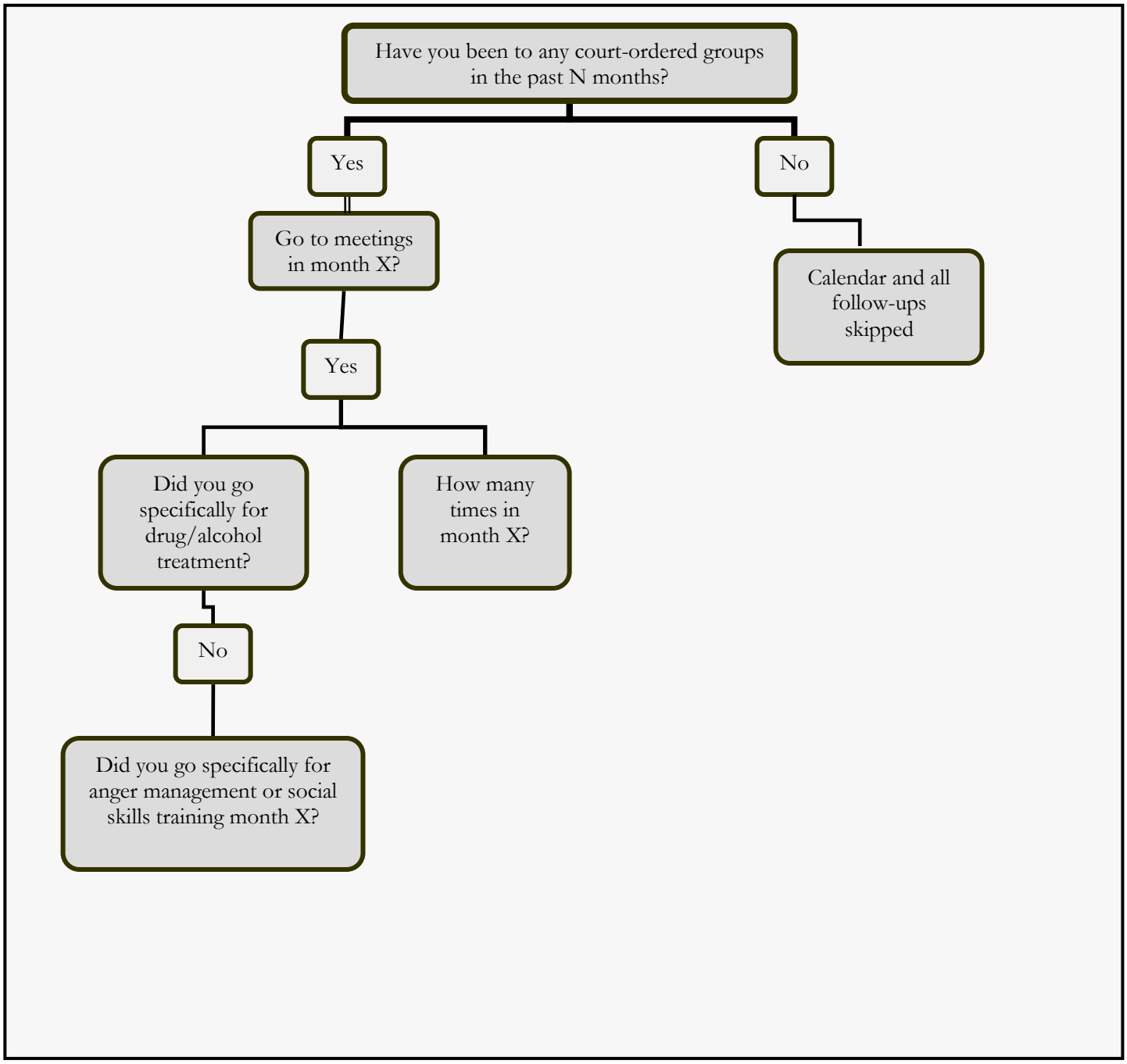
Community Intensive Supervision Flowchart



Drug Court Programs Flowchart



Court Ordered Groups Flowchart



Section 2: Interview Questions

Questions in this section are recorded exactly as they appeared in the interview battery. 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.

Probation

[Probat] Have you been on probation in the past N months?

1. Yes
0. No

If 1-Yes

[DidGo] Did you see or talk to your probation officer at all during this month?

INTERVIEWER: *Ask about both face-to-face and phone calls. Check all that apply.*

1. Saw PO (face to face) this month
2. Talked to PO by phone this month
5. Was supposed to, but did not see or talk to PO this month
7. Was not supposed to see or talk to PO this month

If 1 is endorsed

[TimesSee] How many times did you see your PO (face to face) during this month?

If 2 is endorsed

[TimesTalk] How many times did you talk to your PO during this month?

[ProbCo] Was a condition of your probation a potential for drug testing?

1. Yes
0. No

If 1-Yes:

[ProbTe] Did they test you at all in the past N months?

1. Yes
0. No

[ProbTa] I would like you to think about the kinds of things you talk about with your probation officer. How much does he/she talk about the types of things that you think are important?

1. We never talk about things that are important
2. We hardly ever talk about things that are important
3. Sometimes we do and sometimes we don't
4. We often talk about things that are important
5. We talk about things that are important all the time

[ProbKn] How well do you think your probation officer knows you?

1. Doesn't know at all
2. Knows a little
3. Knows a lot
4. Knows everything

[VALA] You said that in the past N months, you were on probation. How much did you need this service?

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

[VALB] 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

[VALC] How much do you think the people at this placement/service 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

Community Intensive Supervision

[CommSuper] In the past N months, have you been to a community intensive supervision program?

1. Yes
0. No

***Interviewer**: a community supervision program is one that requires the subject to make regular contact with a special PO or program staff more often than is required in a regular probation program. JIPS in Phoenix is one example.*

If 1-Yes:

[DidGo] Did you got to meetings or see someone from the community supervision program during this month?

1. Yes
0. No
7. NA (was not supposed to this month)

If 1-Yes

[Times] How many times did you go to meetings or see someone from the program during this month?

[CommDrug] Does this community supervision program screen participants for drug or alcohol use?

1. Yes
0. No

If 1-Yes:

[CommTest] Did they test you at all in the past N months?

1. Yes
0. No

[VALA] You said that in the past N months, you were involved in a community supervision program. How much did you need this service?

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

[VALB] 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

[VALC] How much do you think the people at this placement/service 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

Drug Court Programs

[DrgCrt] In the past N months, have you been involved in a "drug court" program?

1. Yes
0. No

If 1-Yes

[DidGo] Did you go to meetings or see someone from the drug court program during this month?

1. Yes
0. No
7. NA (not supposed to this month)

[Times] How many times did you go to meetings /see someone from the program this month?

[VALA] You said that in the past N months, you were involved in a drug court program. How much did you need this service?

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

[VALB] 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

[VALC] How much do you think the people at this placement/service 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

Court-ordered groups

[CourtGrps] In the past N months, have you been to any court-ordered groups such as offender groups, other than ones that you have already mentioned?

1. Yes
0. No

***Interviewer**: An offender group is a program of regularly scheduled meetings that you have to attend because of the type of offense you committed – like victim awareness or sex offender groups.*

If 1-Yes

[DidGo] Did you go to any court-ordered groups/meetings during this month, other than ones that you have already mentioned?

1. Yes
5. No
7. NA (not supposed to this month)

If 1-Yes

[Times] How many times did you go to court-ordered group/meetings during this month, other than ones that you have already mentioned?

[DrugAlc] Was this group specifically for drug or alcohol treatment?

If DrugAlc=NO

[Anger] Was this group specifically for anger management or social skills training?

[VALA] You said that in the past N months, you were involved in court-ordered groups. How much did you need this service?

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

[VALB] 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

[VALC] How much do you think the people at this placement/service 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 Variables

This section details the logic patterns for the court-monitoring calendars. The logic for each individual calendar will be explained in detail 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).

Probation Calendar

Recall level questions

The following item is asked of every participant in all versions of the interview.

S#Probation "In the past N months, have you been on probation?"
(1) Yes
(0) No

If 1 (Yes) the subject enters the calendar. If 0 (No), the calendar and all subsequent follow-up questions are skipped.

Questions asked by month

When the subject was on probation during the recall period, they enter the calendar

Type of contact with the probation officer

In the interview battery, this is designed as a "check all that apply" question, where the interviewer can check one or more types of contact with the probation officer. In SPSS, this has been collapsed into a single variable.

S#Probation_ContactPO_M01 to S#Probation_ContactPO_M14

"Did you see or talk to your probation officer during month x?"
(1) Saw PO face-to-face
(2) Talked to PO (via phone)
(3) Saw and talked to PO this month
(5) Was supposed to, but did not see or talk to PO this month
(7) Was not supposed to see or talk to PO this month

Number of contacts with PO

The subject received the following question for each month they saw their PO.

S#Probation_SeePO_M01 to S#Probation_SeePO_M14

"How many times did you see your PO (face-to-face) during month x?"

For each month where they talked to their PO (via phone), the following was asked.

S#Probation_TalkPO_M01 to S#Probation_TalkPO_M14

How many times did you talk to your PO on the phone during month x?"

Number of contacts with PO (computed)

This is a sum of the total number of contacts the subject had with their PO for each month of the recall period, and includes both face-to-face and by phone contacts. This was computed as the sum of S#Probation_SeePO_M## and S#Probation_TalkPO_M##.

S#Probation_TotSessions_M01 to S#Probation_TotSessions_M14

"Total number of contacts with the PO during month x"

Recall level items

Following the calendar, the subject received a series of follow-up items regarding the conditions of their probation/parole. Additional questions obtain their ratings of helpfulness of the program and the quality of their relationship with their probation officer. These questions are only asked if the subject was on probation in the recall period.

Screenings for drug/alcohol use

These variables are present in all interview versions, unless otherwise noted.

S#Probation_DrugTest "Was a condition of your probation a potential for drug testing?"
(1) Yes
(0) No

If 1-Yes (Beginning with version 01.16)
This variable was added to the interview in version 01.16.

S#Probation_Tested "Did they test you at all in the recall period?"
(1) Yes
(0) No

S#Probation_Talk "I would like to talk about the kinds of things you talk about with your probation officer. How much does he/she talk about the types of things that you think are important?"
(1) We never talk about things that are important
(2) We hardly ever talk about things that are important
(3) Sometimes we do and sometimes we don't
(4) We often talk about things that are important
(5) We talk about things that are important all the time

S#Probation_Know "How well do you think your probation officer knows you?"
(1) Doesn't know at all
(2) Knows a little
(3) Knows a lot
(4) Knows everything

Ratings of helpfulness of the program

S#Probation_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#Probation_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#Probation_Staff "How much do you think the people at this placement/service 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

Total number of contacts in the recall period (computed)

This is a sum of the total number of contacts (both face-to-face and by phone) the subject had with their probation officer during the recall period.

S#Probation_TotSessions "Total number of times saw and/or talked to PO"

Community Intensive Supervision Calendar

Gate question into the calendar

The following item is asked of every participant in all versions of the interview.

S#CommSuper "In the past N months, have you been in a community intensive supervision program? (A community supervision program is one that requires the subject to make regular contact with a special PO or program staff more often than is required in a regular probation program. JIPS, in Phoenix, is an example)."
(1) Yes
(0) No

If 1 (Yes) the subject enters the calendar. If 0 (No), the calendar and all subsequent follow-up questions are skipped.

Questions asked by month

If the subject was involved in this type of program in the recall period, they enter the calendar where they plot the frequency of attending the program for each month.

Went to meetings. For each month in the recall period, the subject is asked if they went to meetings that month.

S#CommSuper_GoTo_M01 to S#CommSuper_GoTo_M14

"Did you go to meetings or see someone from the community intensive supervision program during month x?"
(1) Yes
(0) No
(7) NA (not supposed to go this month)

Number of times went to meetings. For each month where the subject attended meetings (1-yes from the variables above), they provide the frequency of attending meetings.

S#CommSuper_Times_M01 to S#CommSuper_ Times _M14

"How many times did you go to meetings or see someone from the program this month?"

Recall level items

After completing the calendar the subject will receive a series of follow-up questions regarding the conditions of the program as well as their ratings of helpfulness of the program (e.g., how much they needed the service, etc.).

Screenings for drug/alcohol use

S#CommSuper_DATest "Does this supervision program screen participants for drug or alcohol use?"
(1) Yes
(0) No

If 1 – Yes: S#CommSuper_Tested "Did they test you at all in the recall period?"

(1) Yes
(0) No

Ratings of helpfulness of the program

S#CommSuper_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#CommSuper_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#CommSuper_Staff "How much do you think the people at this placement/service 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

Total number of sessions in the recall period (computed)

This is a sum of the total number of times the subject met with someone from the program and/or attended meetings. This was computed as the sum of the number of contacts the subject had in each month (S#CommSuper_Times_M##).

S#CommSuper_TotSessions "Total number of times went to meetings/saw someone from the program"

Drug Court Programs

Gate question into the calendar

The following item is asked of every participant in all versions of the interview.

S#DrugCourt "In the past N months, have you been involved in a drug court program?"
(1) Yes
(0) No

If 1 (Yes) the subject enters the calendar. If 0 (No), the calendar and all subsequent follow-up questions are skipped.

Questions asked by month

If the subject was involved in this type of program in the recall period, they enter the calendar where they plot the frequency of attending the program for each month.

Went to meetings. For each month in the recall period, the subject is asked if they went to meetings that month.

S#DrugCourt_GoTo_M01 to S# DrugCourt_GoTo_M14

"Did you go to meetings or see someone from the drug court program during month x?"
(1) Yes
(0) No
(7) NA (not supposed to go this month)

Number of times went to meetings. For each month where the subject attended meetings (1-yes from the variables above), they provide the frequency of attending meetings.

S# DrugCourt_Times_M01 to S#DrugCourt_ Times _M14

"How many times did you go to meetings or see someone from the program this month?"

Recall level items

After completing the calendar the subject will receive a series of follow-up questions regarding their ratings of helpfulness of the program (e.g., how much they needed the service, etc.).

Ratings of helpfulness of the program

S#DrugCourt_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#DrugCourt_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#DrugCourt_Staff "How much do you think the people at this placement/service 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

Total number of sessions in the recall period (computed)

This is a sum of the total number of times the subject met with someone from the program and/or attended meetings. This was computed as the sum of the number of contacts the subject had in each month (S#DrugCourt_Times_M##).

S#DrugCourt_TotSessions "Total number of times went to meetings/saw someone from the program"

Court-ordered Programs

Gate question into the calendar

The following item is asked of every participant in all versions of the interview.

S#CourtGroups "In the past N months, have you been to any court-ordered groups? **NOTE:** An offender group is a program of regularly scheduled meetings that you have to attend because of the type of offense you committed – like victim awareness or sex offender groups."
(1) Yes
(0) No

If 1 (Yes) the subject enters the calendar. If 0 (No), the calendar and all subsequent follow-up questions are skipped.

Questions asked by month

If the subject was involved in this type of program in the recall period, they enter the calendar where they plot the frequency of attending the program and the type of treatment for each month.

Went to meetings. For each month in the recall period, the subject is asked if they went to meetings that month.

S#CourtGrps_GoTo_M01 to S#CourtGrps_GoTo_M14

"Did you go to any court-ordered groups/meetings during this month, other than the ones you already mentioned?"
(1) Yes
(0) No
(7) NA (not supposed to go this month)

Number of times went to meetings. For each month where the subject attended meetings (1-yes from the variables above), they provide the frequency of attending meetings.

S#CourtGrps_Times_M01 to S#CourtGrps_Times_M14

"How many times did you go to court-ordered groups/meetings during this month?"

Went for drug/alcohol or anger management treatment. For each month where the subject attended meetings (1-yes from the variables above), they report whether it was for drug/alcohol treatment or anger management treatment.

S#CourtGrps_DATx_M01 to S#CourtGrps_DATx_M14

"Was this group specifically for drug/alcohol treatment?"
(1) Yes
(0) No

If 5 (No): S#CourtGrps_Anger_M01 to S#CourtGrps_Anger_M14

"Was this group specifically for anger management or social skills training?"
(1) Yes
(0) No

Recall level items

After completing the calendar the subject will receive a series of follow-up questions regarding their ratings of helpfulness of the program (e.g., how much they needed the service, etc.).

Ratings of helpfulness of the program

S#CourtGrps_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#CourtGrps_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#CourtGrps_Staff "How much do you think the people at this placement/service 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

Total number of sessions in the recall period (computed)

This is a sum of the total number of times the subject met with someone from the program and/or attended meetings. This was computed as the sum of the number of contacts the subject had in each month (S#CourtGrps_Times_M##).

S#CourtGrps_TotSessions "Total number of times went to meetings/saw someone from the program"

Other court monitoring services

The two items below were not directly asked in the interview. After completing the court monitoring calendars, participants are asked if they received any other type of services in the recall period, other than those already mentioned (community supervision, probation, drug court programs and court-ordered programs). If they have, they are asked to provide a text description of the type of contact. These descriptions were reviewed by staff at the coordinating center. In cases where the subject described a court monitoring service that fit one of our existing categories, the data was moved to the appropriate section (e.g. community supervision, etc.). In this review, a court monitoring service that appeared often in the text description was "house arrest"; therefore, we added a variable to capture those cases and left the remaining court monitoring services under "other". It should be understood, however, that because we did not systematically inquire about "house arrest", the variable may not accurately reflect the extent to which house arrest was used with our sample. Two variables (see below) capture the presence or absence of "house arrest" and "other court monitoring".

S#HouseArrest	"On house arrest during the recall period" (1) Yes
S#Other_CourtMonitoring	"Received any other court monitoring services in the community (Examples include JTOPS – Juvenile Transfer Offender Program, and pre-trial services)" (1) Yes

Section 4: Descriptive Information Regarding the Recall Period

As a standard practice, the specific calendar information will be accompanied by four 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.

Community vs. Institution Month Marker

This variable indicates whether each month of the recall period is a community or institution month, where a community month is defined as a month where the subject spent eight or fewer days in a facility. The following facility types are considered an "institution" for this purpose because these types of places do not generally allow a client to "come and go" and they provide educational services to the youth where appropriate:

- **Drug and alcohol facility or detoxification unit**. These are facilities where the primary focus is the provision of substance use treatment. Detoxification and longer-term substance use treatment programs are both included, with the vast majority being longer-term treatment facilities.
- **Psychiatric hospital or unit.** These are settings which provide inpatient acute care to evaluate and stabilize individuals with mental health or behavioral problems.
- **Jail or prison.** These settings have incarceration as the main goal, and are almost all adult settings. Jails, usually locally run, hold people until trial 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.
- **Detention.** These are juvenile facilities where adolescents await their adjudication hearing or more permanent placement after adjudication and disposition.
- **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.
- **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.
- **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.

Any stays in the following setting types are not considered "institutions" for this purpose because the youth in these settings have access to the community (i.e. they may attend the local schools, may hold a job in the community):

- **Foster home**. These are defined as placements with non-kin ordered by child welfare or dependency court.
- **Shelter**. These facilities provide short-term, non-secure, temporary out-of-home care.
- **Other**. This includes any residential setting not captured by the above categories such as residential military-style high school or YMCA.

S#CommunityMonth_M01 to S#CommunityMonth_M14 "Community or institution month"

(1) Community month

(0) Institution month

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.

Section 4: 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 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 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 5) 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" format (as outlined in Section 3 above), 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 about overlapping months).

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 about gap months).

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.

Explanation of Linear Variables

Interview generated variables available in the linear format

All items in this calendar that are available in the "by month – by recall period" format are also available in the linear format.

Probation/Parole

L01Probation_Contact to L87Probation_Contact	"See or talk to PO this month"
L01Probation_SeePO to L87Probation_SeePO	"Number of times saw PO this month"
L01Probation_TalkPO to L87Probation_TalkPO	"Number of times talked to PO this month"
L01Probation_TotSessions to L87Probation_TotSessions	"Total number of contacts with PO"

Community Intensive Supervision

L01CommSuper_GoTo to L87CommSuper_GoTo	"Go to meetings/see someone this month"
L01CommSuper_Times to L87CommSuper_Times	"Number of times went to meetings this month"

Drug Court Programs

L01DrugCourt_GoTo to L87DrugCourt_GoTo	"Go to meetings/see someone this month"
L01DrugCourt_Times to L87DrugCuort_Times	"Number of times went to meetings this month"

Court-ordered Groups

L01CourtGrps_GoTo to L87CourtGrps_GoTo	"Go to meetings/see someone this month"
L01CourtGrps_Times to L87CourtGrps_Times	"Number of times went to meetings this month"
L01CourtGrps_DATx to L87CourtGrps_DATx	"Was it specifically for drug/alcohol treatment"
L01CourtGrps_Anger to L87CourtGrps_Anger	"Was it specifically for anger management"

Community vs. Institution Month Marker

L01CommunityMonth to L87CommunityMonth	"Community month marker (<8 days in D/A, Psych, JailPrison, Detention, YDC, CR, and CR-MH)"

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"

Subject Age

L01SubjAge to L87SubjAge	"Subject age (truncated)"
L01CTSubjAge to L87CTSubjAge	"Subject age (continuous)"

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 moth 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.**
    - 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).
    - 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)
    - These are noted as "-GAP-" in the TpMo variables.
    - 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.
    - Months outside of the range for a particular case are noted as 'nirp' (not in recall period) in the TpMo variables.
    - In all other linear variables, a sysmis code of -555 (Month outside the range of linear months covered by the case) is assigned.

Section 5: 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 in S2M04.
- 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: Court Monitoring Services Summary Table

Description of Variable	Variable Name	Version Changes	Page Number
By recall period			
Probation			
On probation or parole	S#Probation		14
Total number of contacts with PO	S#Probation_TotSessions		16
If yes, is drug testing a condition of probation/parole	S#Probation_DrugTest		15
If yes, whether testing was done in recall period	S#Probation_Tested	X	15
Rated quality of relationship with PO	S#Probation_Talk, S#Probation_Know		15, 16
Rated helpfulness of the program	S#Probation_Need, S#Probation_Helpful, S#Probation_Staff		16
Community Intensive Supervision			
Involved in a community intensive supervision program	S#CommSuper		17
Total number of sessions	S#CommSuper_TotSessions		18
If yes, whether the program screened for d/a use	S#CommSuper_DATest		17
If yes, whether the subject was screened	S#CommSuper_Tested		18
Rated helpfulness of the program	S#CommSuper_Need, S#CommSuper_Helpful, S#CommSuper_Staff		18
Drug Court Programs			
Involved in a drug court program	S#DrugCourt		19
Total number of sessions	S#DrugCourt_TotSessions		20
Rated helpfulness of the program	S#DrugCourt_Need, S#DrugCourt_Helpful, S#DrugCourt_Staff		19, 20
Court-ordered Programs			
Been to any court-ordered groups	S#CourtGroups		21
Total number of sessions	S#CourtGrps_TotSessions		22
Rated helpfulness of the program	S#CourtGrps_Need, S#CourtGrps_Helpful, S#CourtGrps_Staff		22
Other Services			

On house arrest	S#HouseArrest	X	23
Received any other court-monitoring services in the community	S#Other_CourtMonitoring	X	23
By month			
Probation			
Type of contact with PO (e.g., face-to-face and/or phone contacts)	S#Probation_ContactPO_M##		14
Number of times saw PO	S#Probation_SeePO_M##		14
Number of times talked to PO	S#Probation_TalkPO_M##		15
Total number of contacts with PO (combines face-to-face and by phone contacts)	S#Probation_TotSessions_M##		15
Community Intensive Supervision			
Went to meetings and/or saw someone from the program	S#CommSuper_GoTo_M##		17
Number of times went to meetings/saw someone from the program	S#CommSuper_Times_M##		17
Drug Court Programs			
Went to meetings and/or saw someone from the program	S#DrugCourt_GoTo_M##		19
Number of times went to meetings/saw someone from the program	S#DrugCourt_Times_M##		19
Court-ordered Programs			
Went to meetings and/or saw someone from the program	S#CourtGrps_GoTo_M##		21
Number of times went to meetings/saw someone from the program	S#CourtGrps_Times_M##		21
Whether the group was specifically for d/a treatment	S#CourtGrps_DATx_M##		21
If NO to d/a tx, whether it was specifically for anger management/social skills training	S#CourtGrps_Anger_M##		21
Data characterizing the recall period			
Subject age at each month (truncated)	S#SubjAge_M##		25
Subject age at each month (continuous)	S#CTSubjAge_M##		25
Community vs. Institution month marker	S#CommunityMonth_M##		24
Number of days covered in each month	S#NDays##		25
Calendar month linked to each s#m#	S#RealDate##		25
By linear month			
Probation			
Type of contact with PO (e.g., face-to-face and/or phone contacts)	L##Probation_Contact		26, 27
Number of times saw PO	L##Probation_SeePO		26, 27
Number of times talked to PO	L##Probation_TalkPO		26, 27
Total number of contacts with PO (combines face-to-face and by phone contacts)	L##Probation_TotSessions		26, 27
Community Intensive Supervision			
Went to meetings and/or saw someone from the program	L##CommSuper_GoTo		26, 27
Number of times went to meetings/saw someone from the program	L##CommSuper_Times		26, 27

Drug Court Programs			
Went to meetings and/or saw someone from the program	L##DrugCourt_GoTo		26, 27
Number of times went to meetings/saw someone from the program	L##DrugCourt_Times		26, 27
Court-ordered Programs			
Went to meetings and/or saw someone from the program	L##CourtGrps_GoTo		26, 27
Number of times went to meetings/saw someone from the program	L##CourtGrps_Times		26, 27
Whether the group was specifically for d/a treatment	L##CourtGrps_DaTx		26, 27
If NO to d/a tx, whether it was specifically for anger management/social skills training	L##CourtGrps_Anger		26, 27
Data characterizing the recall period			
Subject age at each month (truncated)	L##SubjAge		26, 27
Subject age at each month (continuous)	L##CTSubjAge		26, 27
Community vs. Institution month marker	L##CommunityMonth		26, 27
Number of days covered in each month	L##NDays		26, 27
Calendar month linked to each s#m#	L##RealDate		26, 27
Recall period month (s#m#) mapped to linear month number ##	L##TpMo		26, 27

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

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.

Official Court Record Information – contains a monthly plotting of arrests based on official record information. This can be found under "Codebook – Official Court Record Information".

Out of Community Placements – contains information regarding residential services received over the recall period, such as whether the youth had an overnight stay in seven different types of placements, length of stay, characteristics of each institution and specific services received. This can be found under the "Sanctions and Interventions" section of the Calendar 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.

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.