SAMHSA's Performance Accountability Reporting System (SPARS)

Center for Mental Health Services

NOMS Client-level Measures for Discretionary Programs Providing Direct Services

OUTCOME MEASURES REPORT GUIDE

CMHS

Center for Mental Health Services
SAMHSA

Table of Contents

GENERAL OVERVIEW

The Outcome Measures Report presents outcome analyses for the Client-level Measures for Discretionary Programs Providing Direct Services, or Services Activities, module. The report compares Baseline interview information to later interviews (first Reassessment, Discharge, or the consumer's most recent interview). The report can be run for one grant, for multiple grants, for one program, for multiple programs, or for all grants. Individual client level data are not reported.

SECTION A: KEY TERMS

Consumer: A consumer is a person who is actively receiving or has received services from a CMHS funded program.

Federal Fiscal Year (FFY): The federal fiscal year is the accounting period of the federal government. A Federal Fiscal Year begins on October 1 and ends on September 30 of the next calendar year. Each FFY is identified by the calendar year in which it ends and commonly is referred to as "FFY." For example, FFY2017 began October 1, 2016, and ends September 30, 2017.

Federal Fiscal Year (FFY) Quarter: The Federal Fiscal Year is divided into four quarters:
- 1st Quarter: October 1st – December 31st
- 2nd Quarter: January 1st – March 31st
- 3rd Quarter: April 1st – June 30th
- 4th Quarter: July 1st – September 30th

Role: Your role in SPARS governs what you can view in the system. Some roles include project director, grantee staff, and government project officer (GPO). The general rule of thumb is that you can run reports for the grant(s) and/or grant program(s) you are associated with. For example, most grant project directors or grantee staff are associated with just one grant and would only see data for the one grant they are associated with.

SECTION B: RUNNING THE REPORT

There are three steps in running the **Outcome Measures Report** in SPARS. They are:

1. Navigate to the Outcome Measures Report.

2. Select the criteria for the report you wish to view.

3. View the report.

Step 1: Navigate to the Report

From the top navigation bar, select "Data Entry & Reports," then select "for CMHS Users."

Select "CMHS Reports" to open the SPARS CMHS Reports page.

Select "Outcome Measures Report" on the left menu.

Under "Program or Grant List?" choose whether you want to run the report by Program List or Grant List.

- The Program List will let you run the report by all Programs or specific Programs (based on your access).
- The Grant List allows you to run the report for all grants or specific grants (based on your access).

> **NOTE: To run a default report, click "Download Report."**
>
> You can skip step 2, selecting the criteria for your report. You only need to select criteria if you want to customize your report by sorting or filtering it.

Step 2: Select the Criteria (Optional)

You can set several criteria for the Outcome Measures Report. These criteria specify what data will be included in your report. To set criteria, use the pull-down menus to make your selections.

The following report criteria are available and are described in more detail below.

- A. Output as
- B. Report By
- C. Grant Status
- D. Federal Fiscal Year
- E. Federal Fiscal Year Quarter
- F. Assessment
- G. Data Collection Status
- H. Measures
- I. Population
- J. Region
- K. State
- L. Program or Grant

A. Output as
You can have the report output in HTML, PDF, RTF or Excel. The default is PDF.

B. Report By
You can produce a report by the following options: All Combined; By Program; or By Grant. The default is All Combined.

- All Combined – data for the selected program(s) or grant(s) are collapsed into one table.
- By Program – data for the selected program(s) or grant(s) are displayed in one table per program.
- By Grant – data for the selected program(s) or grants(s) are displayed in one table per grant.
- By State- data for the selected state are collapsed into one table.
- By Region- data for the selected region are collapsed into one table.

C. Grant Status
You can run the report for active grants or all grants. Active grants include grants that have not yet ended. "All grants" includes grants that have ended. The default is active grants.

D. FFY- Federal Fiscal Year
You can run the report by one Federal Fiscal Year or All Years Combined. The default selection is All Years Combined.

E. FFY Quarter
You can run the report for all quarters or for a specific quarter. A quarter can be displayed for either one particular year or all years combined, depending on the selections you have made for Federal Fiscal Year.

F. Assessment

You can compare baseline to one of four different assessments with the Outcome Measures Report. The options are:

- From Baseline to 1st 6-Month Reassessment Interview
  - o This is the default selection. It compares baseline interviews to the first 6-month reassessment. Since change is most likely to occur between baseline and the first reassessment, this report is likely to show the most change.

- From Baseline to 1st 3-Month Reassessment Interview[1]
  - o For grants that previously collected 3-month assessment data, this option is available.

- From Baseline to most recent interview
  - o This option compares Baseline to the most recent interview, which might be a 3-Month Reassessment, a 6-Month Reassessment or a Discharge Interview.

- From Baseline to Discharge Interview
  - o This option compares Baseline to the Discharge Interview.

G. Data Collection Status

You can run the report for assessments that were done within the reassessment window, or for all assessments. The default is within the window.

H. Measures

The report displays data for the NOMs and allows the user to select any combination of measures. The default will display the NOMs.

I. Population

You can filter the report by specific populations. The available population filters are: Gender, Sexual Identity, Hispanic/Latino, Race, Age group, Military Service, Trauma, and Housing.

The default is "No filter selected" which will produce a report with all consumers included.

To filter the report by a specific population, click on the check box for the population you want to see; the report will then only include consumers that match the checked criteria. You can filter by more than one population group at a time.

For example, you can run the report for males who are ages 16-25 by clicking the male and the 16 – 25 age check boxes. To protect the privacy of consumers, any cell that contains less than 5 consumers will be suppressed (indicated with an S) when population filters are used.

---

[1] 3-Month Reassessments were required for some grants prior to 2010. They are no longer required, but the Reassessments are included here for the use of those grants.

J. Region

You can select any combination of regions including all regions and the report will show results based on these selections. The default is all regions.

K. State

You can select any combination of states. The default is all states.

Note: The State and Region selection criterion are mutually exclusive, meaning you can make a selection from one or the other however not both. For example, if "1" is selected for region then a specific state, like" MD", can't be selected. If "All Regions" is selected then a specific state or any combination of states can be selected.

L. Program or Grant

A list of the grants or programs you can run the report for based on your access is shown. By default, all the grants or programs you have access to will be selected.

Step 3: View the Report

Click "Download Report" to generate the report. Your report will be downloaded to your computer in the output file type you selected.

SECTION C: REVIEWING THE REPORT

Services Outcome Measures Report

Report By: Program
Grant Status: Active grants only
FFY: All Combined
FFY Quarter: All
Assessment: From Baseline to 1st 6-Month Reassessment Interview
Data Collection Status: Assessments conducted in window only
Measures: Healthy overall; Functioning in everyday life; No serious psychological distress; Were never using illegal substances; Were not using tobacco products; Were not binge drinking; Retained in the Community; Had a stable place to live; Attending school regularly and/or currently employed/retired; Had no involvement with the criminal justice system; Socially connected
Region(s): All
State(s): All
Selected Program(s): Program A
Grant(s): SM12345
Data entered as of: November 27, 2012 11:15AM EST

NOTES:
1. **Number of Consumers is the count of consumers who have a valid response for the outcome measure at both interview time points.**
2. **The Outcome improved is the percentage of consumers who reported a higher level of the outcome for the second interview than they did on the first interview; it includes consumers with any improvement at all not only consumers who went from a negative outcome to a positive.**
3. **Percent change is the percent increase or decrease in the number of consumers reporting a positive outcome at the second interview time point compared to baseline.**
4. **The number of valid cases for the perception of care domain applies to data collected at reassessment or discharge only.**
5. **Only selected programs/grants that have Outcome Measure's data will be displayed.**
6. **S = Results are suppressed when there are fewer than 5 consumers for each measure.**

CONFIDENTIAL

Services Outcome Measures Report

Program(s): Program A

National Outcome Measures (NOMs)	Number of Consumers	Positive at Baseline	Positive at Second Interview	Outcome Improved	Percent Change
Functioning: Were healthy overall	13925	52.4%	59.5%	17.4%	13.6%
Functioning: Were functioning in everyday life	22281	41.3%	56.1%	58.3%	33.3%
Functioning: No serious psychological distress	12520	64.6%	73.6%	16.6%	13.9%
Functioning: Were never using illegal substances	11738	77.1%	83.1%	11.9%	7.9%
Functioning: Were not using tobacco products	12544	42.4%	43.7%	5.4%	3.1%
Functioning: Were not binge drinking	12199	90.1%	91.2%	5.9%	1.2%
Retention: Retained in the Community	14058	78.9%	90.1%	15.4%	14.1%
Stability in Housing: had a stable place to live in the community	22365	66.5%	75.5%	15.4%	13.5%
Education and Employment: were attending school regularly and/or currently employed/retired	20745	34.5%	38.2%	10.5%	10.5%
Crime and Criminal Justice: had no involvement with the criminal justice system	21933	95.8%	98.4%	3.9%	2.8%
Perception of Care: client perception of care	22114	N/A	72.3%	N/A	N/A
Social Connectedness: were socially connected	22057	0.0%	93.1%	100%	0.0%

SECTION D: USING THE REPORT

What information does the Outcome Measures Report show?

Reading the report from left to right, the report shows:

- The National Outcome Measures or NOMs.
- The Number of Consumers that have valid data at both assessments.
- Consumers that had a positive outcome at the Baseline Interview, expressed as a percentage.
- Consumers that had a positive outcome at the second interview, expressed as a percentage.
- The percentage of consumers with an improved outcome.
- The percent increase or decrease in the number of consumers who were positive at the second interview compared to baseline.

What do the numbers in the Outcome Measures Report mean?

Below is an example of how to interpret the data using the Outcomes Measures Report shown above (in Section C: Reviewing the Report).

The Cover Page
The report cover page shows that all of the data in this report applies to consumers in Program A, Grant SM12345, as of November 27, 2012 (the date the report was produced).

The Table
We will use the first outcome shown in the report, "Functioning, were healthy overall" (referred to as **Healthy Overall** for this example)**,** to look at what the numbers mean for the rest of the columns.

What does the Number of Consumers column show?

- **13,925 consumers answered question B1** (How would you rate your overall health right now?) with one of the following responses at **baseline & the 6-month reassessment:**

The sample report shows that **13,925 consumers** had *valid* interview data (answered either 'poor', 'fair', 'good', 'very good', or 'excellent') for baseline AND the 1st 6-month reassessment for the **Healthy Overall**[2] outcome.

Note:
- For consumers with multiple episodes of care, only the active (most recent) episode of care is used in this report.

---

[2] B1: How would you rate your **overall health** right now?

- The numbers shown in the Number of Consumers column vary for each measure because some consumers did not have valid responses at both time points.
  - o One reason for this is consumers may have refused to answer or responded with an invalid answer for the **Healthy Overall** question. For example, looking at the next row, **"Functioning, were functioning in everyday life"**, **22,281** consumers had valid interview data at baseline and the 6th-month reassessment for the Functioning in everyday life questions.
  - o A second reason is the NOMs data collection began in 2006 and measures have since been added to the tool. So, the newer measures have smaller N's in the years when they are first implemented in comparison to the existing measures. For example, the **Healthy Overall** outcome shows "0" in FFYs 2009 and 2010 because this measure was implemented in 2010.

What does the Positive at Baseline column show?

- **52.4% of the 13,925 consumers** answered "good", "very good" or "excellent" to question B1 (How would you rate your overall health right now?) at the baseline interview.

Good   **Very Good**   **Excellent**

What does the Positive at Second Interview column show?

- **59.5% of the 13,925 consumers** answered "good", "very good" or "excellent" to question B1 (How would you rate your overall health right now?) at the 1st 6-month reassessment.

Good   **Very Good**   **Excellent**

What does the Outcome Improved column show?

- **17.4% of the 13,925 consumers** improved from baseline to the 1st 6-Month Reassessment. This means these consumers answered "poor" or "fair" to question B1 (How would you rate your overall health right now?) at baseline and then "good", "very good" or "excellent" at the 1st 6-month reassessment.

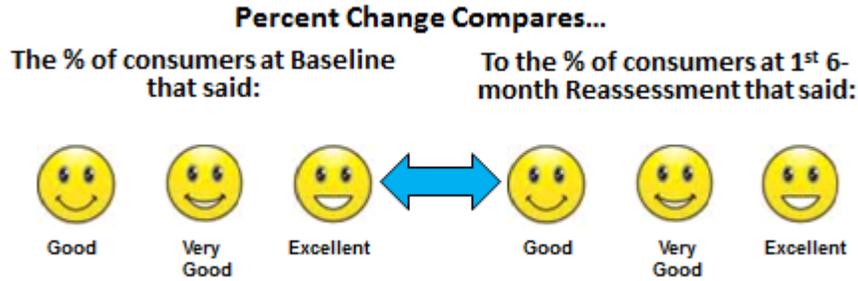**Poor**   **Fair**   **Good**   **Very Good**   **Excellent**

What does the Percent Change column show?

- There was a **13.6% increase in the percentage of consumers** who reported being **Healthy Overall** from baseline to the 1st 6-month reassessment for all years:

Percent Change Compares...

| The % of consumers at Baseline that said: | To the % of consumers at 1st 6-month Reassessment that said: |

Good | Very Good | Excellent | Good | Very Good | Excellent

The sample report shows that the percentage of consumers who reported being **Healthy Overall** (answered either 'good', 'very good', or 'excellent') increased by **13.6%** percent from baseline to the 1st 6-month reassessment (N=13,925).

- Note: This number can be negative which would indicate that the grant had a larger number of consumers who reported negative outcomes at the second interview compared to their baseline.
- The criteria for determining whether a measure is positive are defined in the Appendix. For the NOMs, these definitions are the same as how they are determined for the Services Outcome Measures Report.

THINGS TO REMEMBER / FREQUENTLY ASKED QUESTIONS

- This report should not be used to determine the number of consumers served since it only includes consumers with valid data for BOTH time periods selected. You should run the Number of Consumers Served Report for this information.

- If you do not change any criteria and simply view the report it will run with the following default filters: All Combined, Active Grants Only, All Years Combined, All Quarters, Baseline to 1st 6-month Reassessment Interview, Assessments conducted in window only, All Regions/States, and All Programs or Grants (based on your access).

- It is important to note that "Outcome Improved" is not the percent of consumers who are positive at the two time points. It is the percentage of consumers who, for continuous measures (Functioning in everyday life, No serious psychological distress, and Socially connected), reported a higher level of the outcome for the second interview than they did on the first interview. Therefore, it includes consumers with *any* improvement at all. For all other measures, it is the percentage of consumers that went from negative at first interview to positive at second interview.

- If your user account was just created, you may not have access to this report for up to 36 hours.

ACCESSING HELP

For technical support or questions about SPARS, please contact the SPARS Help Desk.

Telephone: 1-855-322-2746
Email: SPARS-support@rti.org
Hours: M-F 8:00 AM – 7:00 PM (EST/EDT)

APPENDIX: TECHNICAL DETAILS

This section describes the items that appear on the report in more detail.

Number of Consumers is the count of consumers that have a valid response at both Baseline and Second Interview for the questions used to determine the measure. The consumer is not included in the analyses and thus not shown in the count if his/her response is *"Not applicable", "Not asked on previous Services tool", "Not applicable, caregiver", "Don't know", "Refused" or "Missing"* for either the baseline or second interview. The number of consumers reported for each of the measures may differ depending on missing/non-response data and the criteria selected on the criteria selection screen.

Baseline is the starting point in measuring the outcome between the two interview points.

Second Interview can be the 1st 3-Month Reassessment, 1st 6-Month Reassessment, Most Recent Interview or the Discharge. This is the end point in measuring the outcome between two interview points. An interview must have been conducted for the selected interview in order to be counted in this report. The user will select this interview in the criteria selection screen. **Please note**: The Most Recent Interview can be a 3-Month reassessment, 6-Month Reassessment or a Discharge.

Positive at Baseline is the percent of consumers with a positive response at baseline and is calculated as the number of positive responses provided at Baseline divided by the number of consumers with valid responses, and then multiplied by 100.

Positive at Second Interview is the percent of consumers with positive responses at the second interview and is calculated as the number of positive responses provided at Second Interview divided by the number of consumers with valid responses, and then multiplied by 100.

Outcome Improved is the percentage of consumers with improvement on a particular measure. It is calculated as the number of consumers that improved from Baseline to Second interview, divided by the number of consumers with valid responses and multiplied by 100 to calculate the percentage. Please note: For Outcome Measures that are dichotomous (such as "Were healthy overall"), *Outcome Improved* indicates the outcome changed from negative to positive. For Outcome Measures that are non-dichotomous ("Functioning in everyday life, No serious psychological distress, and Socially connected"), *Outcome Improved* indicates **any** improvement (equal to a change in the summary score of .1 or greater) and does not necessarily mean that the consumer went from negative at Baseline to positive at Second Interview. In these cases, it is possible for the consumer to remain negative – or remain positive – at both intervals and still have the outcome improved.

Percent Change is the percent Positive at Second Interview minus the percent Positive at Baseline, divided by the percent Positive at Baseline, multiplied by 100 to get a percentage.
$$– OR –$$
([% Positive at Second Interview] – [% Positive at Baseline]) / [% Positive at Baseline] X 100

The table below shows how specific questions on the Services tool were combined into the summary outcome measures shown on the Outcome Measures Report.

Services tool	Tool Question Numbers and Questions	Valid Case Values	Criterion for Valid Cases	Criteria for Positive Outcome
Functioning: **Were healthy overall** Source: MHSIP	Section B: Functioning **Adult** **B1)** How would you rate your overall health right now? **Child/Caregiver** **B1)** How would you rate your [your child's] overall health right now?	**Adult & Child/Caregiver** Valid Cases: 1 = Excellent 2 = Very Good 3 = Good 4 = Fair 5 = Poor Invalid Cases: -1 = N/A -5 = NOT ASKED ON PREVIOUS NOMS TOOL -6 = NOT APPLICABLE -7 = REFUSED -8 = DON'T KNOW -9 = MISSING DATA	**Adult & Child/Caregiver** Considered a valid case if any of the "Valid Cases" values is selected.	**Adult & Child/Caregiver** Considered to be healthy overall (positive outcome) if he/she answers <u>any</u> of the following: B1: 1 = Excellent 2 = Very Good 3 = Good All other valid cases are negative.

Services tool	Tool Question Numbers and Questions	Valid Case Values	Criterion for Valid Cases	Criteria for Positive Outcome
Functioning: **Consumer perception of functioning in everyday life** Source: MHSIP, YSS-F	Section B: Functioning **Adult** **B3a)** I deal effectively with daily problems. **B3b)** I am able to control my life. **B3c)** I am able to deal with crisis. **B3d)** I am getting along with my family. **B3e)** I do well in social situations. **B3f)** I do well in school and/or work. **B3g)** My housing situation is satisfactory. **B3h)** My symptoms are not bothering me. **Child/Caregiver** **B2a)** I am handling daily life. **B2b)** I get along with family members. **B2c)** I get along with friends and other people. **B2d)** I am doing well in school and/or work. **B2e)** I am able to cope when things go wrong. **B2f)** I am satisfied with our family life right now.	**Adult & Child/Caregiver** Valid Cases: 1 = Strongly Disagree 2 = Disagree 3 = Undecided 4 = Agree 5 = Strongly Agree Invalid Cases: -1 = N/A -6 = NOT APPLICABLE -7 = REFUSED -9 = MISSING DATA	**Adult & Child/Caregiver** The case is only valid if at least 2/3 of the items have a valid response (see: Valid Cases). If 2/3rds of the total number of items is not a whole number, then round-down the number to get the cut-off (i.e., 2/3rds of 8 items = 5.33, so the cut-off would be at least 5 items are needed with valid response to be included as a valid case).	Calculate the mean of the valid case values. **Adult** Mean = the sum of the valid responses for Questions B3a-B3h, divided by the count of items with valid responses. **Child/Caregiver** Mean = the sum of the valid responses for Questions B2a-B2f, divided by the count of items with valid responses. **Adult & Child/Caregiver** A consumer is considered to have an acceptable level of functioning (positive outcome) when the mean of the total valid case values is greater than 3.5.

Services tool	Tool Question Numbers and Questions	Valid Case Values	Criterion for Valid Cases	Criteria for Positive Outcome
Functioning: **No serious psychological distress** Source: K6+	Section B: Functioning **Adult** **B4a)** During the past 30 days, about how often did you feel nervous? **B4b)** During the past 30 days, about how often did you feel hopeless? **B4c)** During the past 30 days, about how often did you feel restless or fidgety? **B4d)** During the past 30 days, about how often did you feel so depressed that nothing could cheer you up? **B4e)** During the past 30 days, about how often did you feel that everything was an effort? **B4f)** During the past 30 days, about how often did you feel worthless? **Child/Caregiver** **B3a)** During the past 30 days, about how often did you feel nervous? **B3b)** During the past 30 days, about how often did you feel hopeless? **B3c)** During the past 30 days, about how often did you feel restless or fidgety? **B3d)** During the past 30 days, about how often did you feel so depressed that nothing could cheer you up? **B3e)** During the past 30 days, about how often did you feel that everything was an effort? **B3f)** During the past 30 days, about how often did you feel worthless?	**Adult** Valid Cases 4 = All of the Time 3 = Most of the time 2 = Some of the Time 1 = A Little of the Time 0 = None of the Time Invalid Cases: -1 = N/A -5 = NOT ASKED ON PREVIOUS NOMS TOOL -7 = REFUSED -8 = DON'T KNOW -9 = MISSING DATA **Child/Caregiver** Valid Cases 4 = All of the Time 3 = Most of the time 2 = Some of the Time 1 = A Little of the Time 0 = None of the Time Invalid Cases: -1 = N/A -5 = NOT ASKED ON PREVIOUS NOMS TOOL -6 = NOT APPLICABLE, CAREGIVER -7 = REFUSED -8 = DON'T KNOW -9 = MISSING DATA	**Adult & Child/Caregiver** The case is only valid if at least 2/3 of the items have a valid response (see: Valid Cases). If 2/3rds of the total number of items is not a whole number, then round-down the number to get the cut-off (i.e., 2/3rds of 8 items = 5.33, so the cut-off would be at least 5 items are needed with valid response to be included as a valid case).	**Adult & Child/Caregiver** The sum of the valid answers for a-f using the point system below: 4 = All of the Time 3 = Most of the time 2 = Some of the Time 1 = A Little of the Time 0 = None of the Time **Adult & Child/Caregiver** Considered to have no serious psychological distress (positive outcome) when the sum is < 13. See Appendix B for more information on this criterion.

Services tool	Tool Question Numbers and Questions	Valid Case Values	Criterion for Valid Cases	Criteria for Positive Outcome
Functioning: **Were never using illegal substances** Source: ASSIST	Section B: Functioning Items are numbered **B6c-B6l in the Adult Tool** and **B4c-B4l in the Child/Caregiver Tool**. **c)** In the past 30 days, how often have you used…cannabis (marijuana, pot, grass, hash, etc.)? **d)** In the past 30 days, how often have you used…cocaine (coke, crack, etc.)? **e)** In the past 30 days, how often have you used…prescription stimulants (Ritalin, Concerta, Dexedrine, Adderall, diet pills, etc.)? **f)** In the past 30 days, how often have you used…methamphetamine (speed, crystal meth, ice, etc.)? **g)** In the past 30 days, how often have you used…inhalants (nitrous oxide, glue, gas, paint thinner, etc.)? **h)** In the past 30 days, how often have you used…sedatives or sleeping pills (Valium, Serepax, Ativan, Librium, Xanax, Rohypnol, GHB, etc.)? **i)** In the past 30 days, how often have you used…hallucinogens (LSD, acid, mushrooms, PCP, Special K, ecstasy, etc.)? **j)** In the past 30 days, how often have you used…street opioids (heroin, opium, etc.)? **k)** In the past 30 days, how often have you used…prescription opioids (fentanyl, oxycodone [OxyContin, Percocet], hydrocodone [Vicodin], methadone, buprenorphine, etc.)? **l)** In the past 30 days, how often have you used…other – specify (e-cigarettes, etc.):	**Adult** Valid Cases: 1 = Never 2 = Once or Twice 3 = Weekly 4 = Daily or Almost Daily Invalid Cases: -1 = N/A -5 = NOT ASKED ON PREVIOUS NOMS TOOL -7 = REFUSED -8 = DON'T KNOW -9 = MISSING DATA **Child/Caregiver:** Valid Cases: 1 = Never 2 = Once or Twice 3 = Weekly 4 = Daily or Almost Daily Invalid Cases: -1 = N/A -5 = NOT ASKED ON PREVIOUS NOMS TOOL -6 = NOT APPLICABLE, CAREGIVER -7 = REFUSED -8 = DON'T KNOW -9 = MISSING DATA	**Adult & Child/Caregiver** Considered a valid case if it meets one of the following requirements: 1) Every item has a response of 1 = Never - OR - 2) At least one item has a response of 2 (Once or Twice), 3 (Weekly) or 4 (Daily or Almost Daily). All other items can have <u>any</u> valid response or invalid response.	**Adult & Child/Caregiver** Score the valid responses for each drug as follows: Never = 0 Once or twice = 2 Weekly = 4 Daily or almost daily = 6 Then sum the scores. A positive outcome is a total score of 0. See Appendix A for a more thorough discussion of this coding. Note: this coding allows a consumer in the lowest risk category to use drugs 3x more often than the NIDA ASSIST does. This is because the NIDA question is "in the last three months" and the SPARS question is "in the past 30 days".

Services tool	Tool Question Numbers and Questions	Valid Case Values	Criterion for Valid Cases	Criteria for Positive Outcome
Functioning: **Were not using tobacco products** Source: ASSIST	**Adult** **B6a)** In the past 30 days, how often have you used…tobacco products (cigarettes, chewing tobacco, cigars, etc.)? **Child/Caregiver** **B4a)** In the past 30 days, how often have you used…tobacco products (cigarettes, chewing tobacco, cigars, etc.)?	**Adult** Valid Cases: 1 = Never 2 = Once or Twice 3 = Weekly 4 = Daily or Almost Daily Invalid Cases: -1 = N/A -5 = NOT ASKED ON PREVIOUS NOMS TOOL -7 = REFUSED -8 = DON'T KNOW -9 = MISSING DATA **Child/Caregiver** Valid Cases: 1 = Never 2 = Once or Twice 3 = Weekly 4 = Daily or Almost Daily Invalid Cases: -1 = N/A -5 = NOT ASKED ON PREVIOUS NOMS TOOL -6 = NOT APPLICABLE, CAREGIVER -7 = REFUSED -8 = DON'T KNOW -9 = MISSING DATA	**Adult & Child/Caregiver** Considered a valid case if any of the "Valid Cases" values is selected.	**Adult & Child/Caregiver** Considered to have a positive outcome when not using tobacco (1 = Never). Note: The NIDA ASSIST coding considers any tobacco use to be a condition that requires treatment.

Services tool	Tool Question Numbers and Questions	Valid Case Values	Criterion for Valid Cases	Criteria for Positive Outcome

Functioning:
Were not binge drinking
 	
Source: ASSIST
	Adult
	B6b) In the past 30 days, how often have you used alcoholic beverages?
	
	B6b1) If B6b1 is not "Never", and respondent is male…How many times in the past 30 days have you had five or more drinks in a day?
	
	B6b2) If B6b2 is not "Never", and respondent is not male…How many times in the past 30 days have you had five or more drinks in a day?
	
	Child/Caregiver:
	B4b) In the past 30 days, how often have you used alcoholic beverages?
	
	B4b1) If B4b1 is not "Never", and respondent is male…How many times in the past 30 days have you had five or more drinks in a day?
	
	B4b2) If B4b2 is not "Never", and respondent is not male…How many times in the past 30 days have you had five or more drinks in a day?
		Adult
		Valid Cases:
		1 = Never
		2 = Once or Twice
		3 = Weekly
		4 = Daily or Almost Daily
		
		Invalid Cases:
		-1 = N/A
		-5 = NOT ASKED ON PREVIOUS NOMS TOOL
		-7 = REFUSED
		-8 = DON'T KNOW
		-9 = MISSING DATA
		
		Child/Caregiver
		Valid Cases:
		1 = Never
		2 = Once or Twice
		3 = Weekly
		4 = Daily or Almost Daily
		
		Invalid Cases:
		-1 = N/A
		-5 = NOT ASKED ON PREVIOUS NOMS TOOL
		-6 = NOT APPLICABLE, CAREGIVER
		-7 = REFUSED
		-8 = DON'T KNOW
		-9 = MISSING DATA
			Adult
			Considered a valid case if it meets one of the following requirements:
			
			1) B6b = 1 (Never)
			
			  - OR -
			
			2) [B6b = 2, 3 or 4 (Once or Twice, Weekly, Daily or Almost Daily)]
			AND [B6b1 or B6b2 has a valid response].
			
			Child/Caregiver
			Considered a valid case if it meets one of the following requirements:
			
			1) B4b = 1 (Never)
			
			  - OR -
			
			2) [B4b = 2, 3 or 4 (Once or Twice, Weekly, Daily or Almost Daily)]
			AND [B4b1 or B4b2 has a valid response].
				Considered to have a positive outcome when not engaging in binge drinking.
				
				NIDA uses the NIAAA definition of binge drinking in the NIDA modified ASSIST instrument. Those definitions are:
				For males, 5 or more drinks in one day.
				For non-males, 4 or more drinks in one day.
				
				For the purposes of SPARS, we apply the rule for women to all consumers who respond that they are not male to question A1.
				
				Adult:
				If B6b = never, then the outcome is positive.
				If [B6b = once or twice, weekly, daily or almost daily] AND [B6b1 or B6b2 is equal to never], then the outcome is positive.
				
				Child/Caregiver:
				If B4b = never, then the outcome is positive.
				If [B4b = once or twice, weekly, daily or almost daily] AND [B4b1 or B4b2 is equal to never], then the outcome is positive.

Services tool	Tool Question Numbers and Questions	Valid Case Values	Criterion for Valid Cases	Criteria for Positive Outcome
Retention: **Retained in the Community**	Section C: Stability in Housing **Adult** **C1a)** In the past 30 days how many … nights have you been homeless? **C1b)** In the past 30 days how many … nights have you spent in a hospital for mental health care? **C1c)** In the past 30 days how many … nights have you spent in a facility for detox/inpatient or residential substance abuse treatment? **C1d)** In the past 30 days how many … nights have you spent in correctional facility including jail, or prison? **Child/Caregiver:** **C1a)** In the past 30 days how many … nights have you [has your child] been homeless? **C1b)** In the past 30 days how many … nights have you [has your child] spent in a hospital for mental health care? **C1c)** In the past 30 days how many … nights have you [has your child] spent in a facility for detox/inpatient or residential substance abuse treatment? **C1d)** In the past 30 days how many … nights have you [has your child] spent in correctional facility including juvenile detention, jail, or prison?	**Adult** Valid Cases: 0 – 30 (nights) Invalid Cases: -1 = N/A -7 = REFUSED -8 = DON'T KNOW -9 = MISSING DATA **Child/Caregiver** Valid Cases: 0 – 30 (nights) Invalid Cases: -1 = N/A -5 = NOT ASKED ON PREVIOUS NOMS TOOL -7 = REFUSED -8 = DON'T KNOW -9 = MISSING DATA	**Adult & Child/Caregiver** Considered a valid case if it meets one of the following requirements: 1) Every item has a response of 0 (nights) - OR – 2) At least one item has a response of 1-30 (nights). All other items can have any valid response or invalid response.	**Adult & Child/Caregiver** A consumer is considered to be retained in the community (positive outcome) if he/she (or caregiver for child) answers the following for all questions in C1a – C1d: 0 (nights).

Services tool	Tool Question Numbers and Questions	Valid Case Values	Criterion for Valid Cases	Criteria for Positive Outcome
Stability in Housing: **Had a stable place to live in the community**	Section C: Stability in Housing **Adult** **C2)** In the past 30 days, where have you been living most of the time?	**Adult** Valid Cases: 1 = OWNED OR RENTED HOUSE, APARTMENT, TRAILER, ROOM 2 = SOMEONE ELSE'S HOUSE, APARTMENT, TRAILER, ROOM 3 = HOMELESS (SHELTER, STREET/OUTDOORS, PARK) 4 = GROUP HOME 5 = ADULT FOSTER CARE 6 = TRANSITIONAL LIVING FACILITY 9 = HOSPITAL (MEDICAL) 10 = HOSPITAL (PSYCHIATRIC) 19 = DETOX/INPATIENT OR RESIDENTIAL SUBSTANCE ABUSE TREATMENT FACILITY 11 = CORRECTIONAL FACILITY (JAIL/PRISON) 12 = NURSING HOME 13 = VA HOSPITAL 14 = VETERAN'S HOME 15 = MILITARY BASE 18 = OTHER HOUSED (SPECIFY) Invalid Cases: -1 = N/A -7 = REFUSED -8 = DON'T KNOW -9 = MISSING DATA	**Adult & Child/Caregiver** Considered a valid case if any of the "Valid Cases" values is selected.	**Adult** Consumer is considered to have permanent housing (positive outcome) if he/she answers any of the following for C1: 1 = OWNED OR RENTED HOUSE, APARTMENT, TRAILER, ROOM 4 = GROUP HOME 12 = NURSING HOME 14 = VETERAN'S HOME 15 = MILITARY BASE

Services tool	Tool Question Numbers and Questions	Valid Case Values	Criterion for Valid Cases	Criteria for Positive Outcome
	Child/Caregiver **C2)** In the past 30 days, where has your child been living most of the time?	**Child/Caregiver** Valid Cases: 1 = CAREGIVER'S OWNED OR RENTED HOUSE, APARTMENT, TRAILER, OR ROOM 20 = INDEPENDENT OWNED OR RENTED HOUSE, APARTMENT, TRAILER OR ROOM 2 = SOMEONE ELSE'S HOUSE, APARTMENT, TRAILER, OR ROOM 3 = HOMELESS (SHELTER, STREET/OUTDOORS, PARK) 4 = GROUP HOME 5 = FOSTER CARE (INCLUDING SPECIALIZED THERAPEUTIC TREATMENT) 6 = TRANSITIONAL LIVING FACILITY 9 = HOSPITAL (MEDICAL) 10 = HOSPITAL (PSYCHIATRIC) 11 = CORRECTIONAL FACILITY (JUVENILLE DETENTION CENTER/JAIL/PRISON) 19 = DETOX/INPATIENT OR RESIDENTIAL SUBSTANCE ABUSE TREATMENT FACILITY 18 = OTHER HOUSED (SPECIFY) Invalid Cases: -1 = N/A -7 = REFUSED -8 = DON'T KNOW -9 = MISSING DATA		**Child/Caregiver** Consumer is considered to have permanent housing (positive outcome) if he/she (or the caregiver) answers any of the following for C1: 1 = CAREGIVER'S OWNED OR RENTED HOUSE, APARTMENT, TRAILER, OR ROOM 5 = FOSTER CARE (INCLUDING SPECIALIZED THERAPEUTIC TREATMENT) 20 = INDEPENDENT OWNED OR RENTED HOUSE, APARTMENT, TRAILER OR ROOM

Services tool	Tool Question Numbers and Questions	Valid Case Values	Criterion for Valid Cases	Criteria for Positive Outcome
Education and Employment: **Were attending school regularly and/or currently employed/retired**	Section D: Education and Employment **Adult** **D1)** Are you currently enrolled in school or a job training program? If enrolled, is that full time or part time?	**Adult** **D1)** Valid Cases: 0 = NOT ENROLLED 1 = ENROLLED, FULL TIME 2 = ENROLLED, PART TIME 3 = OTHER (SPECIFY) Invalid Cases: -1 = N/A-7 = REFUSED -8 = DON'T KNOW -9 = MISSING DATA	**Adult** Considered to be a valid case if D1 and/or D3 contain a valid response.	**Adult** Considered to be enrolled in school and/or employed (positive outcome) if he/she answers <u>any</u> of the following: **D1:** 1 = ENROLLED, FULL TIME 2 = ENROLLED, PART TIME
	D3) Are you currently employed?	**D3)** Valid Cases: 1 = EMPLOYED FULL TIME (35+ HOURS PER WEEK, OR WOULD HAVE BEEN) 2 = EMPLOYED PART TIME 3 = UNEMPLOYED, LOOKING FOR WORK 4 = UNEMPLOYED, DISABLED 5 = UNEMPLOYED, VOLUNTEER WORK 6 = UNEMPLOYED, RETIRED 7 = UNEMPLOYED, NOT LOOKING FOR WORK 8 = OTHER (SPECIFY) Invalid Cases: -1 = N/A -7 = REFUSED -8 = DON'T KNOW -9 = MISSING DATA		**D3:** 1 = EMPLOYED FULL TIME (35+ HOURS PER WEEK, OR WOULD HAVE BEEN) 2 = EMPLOYED PART TIME 6 = UNEMPLOYED, RETIRED

Services tool	Tool Question Numbers and Questions	Valid Case Values	Criterion for Valid Cases	Criteria for Positive Outcome
	Child/Caregiver: **D1)** During the past 30 days of school, how many days were you [was your child] absent for any reason?	**Child/Caregiver** **D1)** Valid Cases: 0 = 0 DAYS 1 = 1 DAY 2 = 2 DAYS 3 = 3 TO 5 DAYS 4 = 6 TO 10 DAYS 5 = MORE THAN 10 DAYS Invalid Cases: -1 = N/A -6 = NOT APPLICABLE -7 = REFUSED -8 = DON'T KNOW -9 = MISSING DATA	**Child/Caregiver** Considered to be a valid case if D1 contains a valid response.	**Child/Caregiver** Considered to be enrolled in school and/or employed (positive outcome) if he/she answers <u>any</u> of the following: *ATTENDING SCHOOL REGULARLY* - 0 DAYS - 1 DAY - 2 DAYS - 3 TO 5 DAYS *NOT ATTENDING SCHOOL REGULARLY* - 6 TO 10 DAYS - MORE THAN 10 DAYS
Crime and Criminal Justice: **Had no involvement with the criminal justice system**	Section E: Crime and Criminal Justice **Adult & Child/Caregiver**: **E1)** In the past 30 days, how many times have [has] you [your child] been arrested?	**Adult & Child/Caregiver** Valid Cases: 0 - 99 = number of times Invalid Cases: -1 = N/A -7 = REFUSED -8 = DON'T KNOW -9 = MISSING DATA	**Adult & Child/Caregiver** Considered a valid case if any of the "Valid Cases" values is selected.	**Adult & Child/Caregiver** A consumer is considered to have no criminal involvement if he/she (or the caregiver for children only) answers: E1 = 0

Services tool	Tool Question Numbers and Questions	Valid Case Values	Criterion for Valid Cases	Criteria for Positive Outcome
Perception of Care: **Client perception of care**	Section F: Perception of Care **Adult** **F1a)** Staff here believe that I can grow, change and recover. **F1b)** I felt free to complain. **F1c)** I was given information about my rights. **F1d)** Staff encouraged me to take responsibility for how I live my life. **F1e)** Staff told me what side effects to watch out for. **F1f)** Staff respected my wishes about who is and who is not to be given information about my treatment. **F1g)** Staff were sensitive to my cultural background (race, religion, language, etc.). **F1h)** Staff helped me obtain the information I needed so that I could take charge of managing my illness. **F1i)** I was encouraged to use consumer run programs (support groups, drop-in centers, crisis phone line, etc.). **F1j)** I felt comfortable asking questions about my treatment and medication. **F1k)** I, not staff, decided my treatment goals. **F1l)** I like the services I received here. **F1m)** If I had other choices, I would still get services from this agency. **F1n)** I would recommend this agency to a friend or family member.	**Adult** Valid Cases: 1 = Strongly Disagree 2 = Disagree 3 = Undecided 4 = Agree 5 = Strongly Agree Invalid Cases: -1 = N/A -6 = NOT APPLICABLE -7 = REFUSED -8 = DON'T KNOW -9 = MISSING DATA	**Adult & Child/Caregiver** The case is only valid if at least 2/3 of the items have a valid response (see: Valid Cases). If 2/3rds of the total number of items is not a whole number, then round-down the number to get the cut-off (i.e., 2/3rds of 8 items = 5.33, so the cut-off would be at least 5 items are needed with valid response to be included as a valid case).	A consumer is considered to have an acceptable level of perception of care (positive outcome) when the mean of the total valid case values is greater than 3.5. **Adult:** Mean = the sum of the valid answers for Questions F1a-F1n, divided by the count of questions with valid responses.

Services tool	Tool Question Numbers and Questions	Valid Case Values	Criterion for Valid Cases	Criteria for Positive Outcome
	Child/Caregiver **F1a)** Staff here treated me with respect. **F1b)** Staff respected my family's religious/spiritual beliefs. **F1c)** Staff spoke with me (my child) in a way that I (he/she) understood. **F1d)** Staff was sensitive to my (my child's) cultural/ethnic background. **F1e)** I helped to choose my (my child's) services. **F1f)** I helped to choose my (my child's) treatment goals. **F1g)** I participated in my (my child's) treatment. **F1h)** Overall, I am satisfied with the services I (my child) received. **F1i)** The people helping me stuck with me (my child) no matter what. **F1j)** I felt I (my child) had someone to talk to when I (he/she) was troubled. **F1k)** The services I (my child and/or family) received were right for me (us). **F1l)** I (My family) got the help I (we) wanted (for my child). **F1m)** I (My family) got as much help as I (we) needed (for my child).	**Child/Caregiver** Valid Cases: 1 = Strongly Disagree 2 = Disagree 3 = Undecided 4 = Agree 5 = Strongly Agree Invalid Cases: -1 = N/A -7 = REFUSED -8 = DON'T KNOW -9 = MISSING DATA		**Child/Caregiver:** Mean = the sum of the valid answers for Questions F1a-F1m, divided by the count of questions with valid responses.

Services tool	Tool Question Numbers and Questions	Valid Case Values	Criterion for Valid Cases	Criteria for Positive Outcome
Social Connectedness: **Were socially connected**	Section G: Social Connectedness **Adult** **G1a)** I am happy with the friendships I have. **G1b)** I have people with whom I can do enjoyable things. **G1c)** I feel I belong in my community. **G1d)** In a crisis, I would have the support I need from family or friends. **Child** **G1a)** I know people who will listen and understand me when I need to talk. **G1b)** I have people that I am comfortable talking with about my (child's) problems. **G1c)** In a crisis, I would have the support I need from family or friends. **G1d)** I have people with whom I can do enjoyable things.	**Adult & Child/Caregiver** Valid Cases: 1 = Strongly Disagree 2 = Disagree 3 = Undecided 4 = Agree 5 = Strongly Invalid Cases: -1 = N/A -7 = REFUSED -8 = DON'T KNOW -9 = MISSING DATA	**Adult & Child/Caregiver** The case is only valid if at least 2/3 of the items have a valid response (see: Valid Cases). If 2/3rds of the total number of items is not a whole number, then round-down the number to get the cut-off (i.e., 2/3rds of 8 items = 5.33, so the cut-off would be at least 5 items are needed with valid response to be included as a valid case).	A consumer is considered to have an acceptable level of social connectedness (positive outcome) when the mean of the total valid case values is greater than 3.5. **Adult** Mean = the sum of the valid answers for Questions G1a-G1d, divided by the count of questions with valid responses. **Child/Caregiver** Mean = the sum of the valid answers for Questions G1a-G1d, divided by the count of questions with valid responses.