This Schedule 2 sets forth the methodology that the Evaluator will utilize to determine the Outcomes that result from delivery of the Intervention. The measurement and determination of these Outcomes will serve as the basis for the Outcome Payment calculation.

As set forth below and in Schedule 3 (Calculation of Outcome Payments), the Outcome Payments will be based on the: (a) Housing Stability Outcome, (b) Inpatient Days Outcome, (c) Emergency Department Visits Outcome, (d) Jail Days Outcome, and (e) Jail Bookings Outcome

## I. DATA SOURCES AND ACCESS

ECHO will be responsible for accessing data from the data sources listed below, and will compile those data into a Master Data file. ECHO will share a de-identified version of the Master Data file with the Evaluator.

1. *Data Sources ("Data Sources")*

(a) **Homeless Management Information Systems (HMIS)**
The Homeless Management Information System (HMIS) is a secure encrypted on-line database system that stores information about individuals who access homeless services in Austin and Travis County. HMIS captures client-level information over time, allowing agencies and communities to assess the characteristics and service needs of individuals and families experiencing homelessness. ECHO directly manages the HMIS for Austin and Travis County. HMIS will be the data source used for calculating the Housing Stability Outcome.

(b) **Integrated Care Collaboration (ICC)**
The ICC is a nonprofit alliance of health care providers in Central Texas dedicated to the collection, analysis and sharing of health information with the goal of improving health care quality and cost efficiency across the continuum of care. One of the ICC's primary functions is the operation and management of a regional Health Information Exchange called the ICare system. The ICare system will be the data source used for calculating the Inpatient Days Outcome and the Emergency Department Visits Outcome.

(c) **Travis County Sherriff's Office (TCSO)**
TCSO will be the data source for calculating the Jail Bookings Outcome and the Jail Days Outcome. TCSO maintains and makes publicly available individual-level records on all persons who are arrested, charged, booked, or incarcerated within Austin/Travis County. The TCSO data include such elements as charge number, offense code for charge, description of offense, severity of offense,

offense date, booking date, release date, booking number, jail days, and custody status. The data also include a limited set of demographic characteristics (race, ethnicity, and gender) and personal identifiers (name, birthdate, address) that can aid in data matching.

2.  *Data Access*

    (a)  Prior to the Service Commencement Date, the Evaluator and ECHO will establish the appropriate data access measures, in accordance with a *[Data Use Agreement]* which will articulate the scope of these measures to ensure compliance with federal and state confidentiality requirements, and to allow the Evaluator to perform the activities in accordance with this <u>Schedule 2</u>.

## II.    III. DATA COLLECTION & CONSOLIDATION

1.  *Master Data File:*  ECHO will be responsible for compiling and maintaining a master data file (the "<u>Master Data File</u>"), which will include the following information for all Program Participants:

    (a)  <u>Prioritization Date & Rank:</u> The date on which potential Program Participants are identified for outreach and their ranking based on historical utilization of Inpatient Days, Emergency Department Visits, Jail Days and Jail Bookings.

    (b)  <u>Demographic and Other Client Characteristics:</u> Each individual's date of birth, race/ethnicity, sex, household members, and other relevant characteristics, including those fields used for matching Program Participants across data sources.

    (c)  <u>VI-SPDAT Score and Index Items:</u> Each individual's score and index items based on the Vulnerability Index - Service Prioritization Decision Assistance Tool (VI-SPDAT).

    (d)  <u>Confirmation of PFS Eligibility</u>: A flag to indicate whether an individual's PFS Eligibility status is: confirmed (meets criteria), not confirmed (does not meet criteria), or pending.

    (e)  <u>Consent Status:</u>  A flag to indicate whether an individual signed the required consent forms and Release of Information (ROI), has declined services, or consented to participate and then subsequently revoked their consent.

(f)     PSH Entry Date: For each Program Participant, the date they first initiate Permanent Supportive Housing under the AT Home project, defined as the start date of their first lease in an AT Home Permanent Supportive Housing unit.

(g)     PSH Exit Date: The date when a Program Participant is recorded as having exited the Project based on the Exit Destination or a minimum period of up to ninety (90) calendar days of absence from their PSH unit.

(h)     PSH Re-Entry Date: The date when a Program Participant re-enters PSH, defined as the start date of a subsequent AT Home lease following a PSH Exit Date. There can be multiple Re-Entry Dates denoting multiple leases.

(i)     Cohort: The Cohort for each Enrolled Program Participant based on their PSH Entry Date.

(j)     Lease Information: The start and exit dates for any lease, sublease, or occupancy agreements that might occur between the PSH Entry Date and PSH Exit Date.

(k)     [Exit Destination]: The housing destination a client exits to as of the PSH Exit Date.

(l)     Historical Health and Criminal Justice Utilization: Data on each individual's Inpatient Days, Emergency Department Visits, Jail Days and Jail Bookings over the 18-month period prior to PSH Entry Date.

(m)     Post-PSH Entry Health Care Utilization: Data on each individual's Inpatient Days and Emergency Department Visits, over the 18-month period that begins on the PSH Entry Date.

(n)     Post-PSH Entry Criminal Justice Utilization: Data on each individual's Jail Days and Jail Bookings over the 18-month period that begins on the PSH Entry Date.

2.     *De-Identified Source Data File(s):* In addition to the Master Data File, ECHO will be responsible for maintaining de-identified versions of the files from the aforementioned Data Sources, which provide the basis for the Master Data File.

3.     *Prioritization Data File(s):* In addition to the Master Data File, ECHO will be responsible for maintaining the files which contain the calculation and historical health care and criminal justice utilization which provide the basis for the Eligibility Determination and Prioritization Rank.

4.     *Master Data File & Prioritization Data File Documentation:* ECHO will be responsible for maintaining documentation that includes (a) a Data Dictionary that provides the variable names, variable labels, types, formats, values, value labels, and provides a definition for each field in the Master Data File and Prioritization Data File(s); (b) a

Codebook that defines the universe and sample for each data file, provides a description of any manipulations (cleaning, coding, or other) for each variable, defines the base (e.g., the full sample or some part thereof) for each variable, and presents the response frequencies for each value of each variable in each data file; (c) Program Files that provide the scripts (programming code) required to generate the variables in each data file.

5.  *Treatment of Missing Data*:  Data may be missing for Program Participants who are lost to follow-up due to variety of reasons, including death or relocation. If a Program Participant is lost to follow-up after their PSH Entry Date, the total number of months housed up until the point they are lost to follow-up will be their final Housing Stability Outcome. Should the total percentage of Program Participants lost to follow-up exceed 10% by the first Cohort measurement of the Inpatient Days Outcome, Emergency Department Visits Outcome, Jail Days Outcome, and Jail Bookings Outcome, the Management Committee may revisit the treatment of missing data with the Evaluator. Program Participants who are discharged from the Project prior to the PSH Entry Date and who do not re-engage in the Project will not be included in the calculation of Outcomes.

# III.    IV. DATA SECURITY

1.  *Data Transfer:* Pursuant to the execution of a Data Use Agreement between ECHO and the Evaluator (the "Data Use Agreement") prior to the Service Commencement Date, ECHO and the Evaluator will agree to share electronic data using secure file transfer protocols (SFTP) only.  ECHO and the Evaluator will further agree to transport paper files that contain personally identifying information or participant-level data, if any, in locked carriers and that those handling such paper files will be trained in preserving the confidentiality of such files.

2.  *Personally Identifying Information*: ECHO will assign all Program Participants a unique, non-personally identifying identification number (Study ID) that will be used in the Master Data File and De-Identified Source File(s). The Study ID should be distinct from the HMIS identification number to prevent the possibility of re-identification. ECHO will maintain the crosswalk between Study ID, HMIS ID, and personally identifying information. ECHO will ensure that any data containing Personally Identifying Information will at all times be kept separately from the Master Data File and will be available only to ECHO staff that have been trained in applicable federal and state law concerning the appropriate storage and transfer of confidential personally identifiable and personal health information of individuals and for which the required data sharing agreements have been established.

3.  *File Storage and Backup*: ECHO and Evaluator will agree to store electronic files on password-protected computers on secure LAN servers in secure locations at all times. ECHO and Evaluator will further agree to keep all confidential paper files, if any, in locked locations. No Personally Identifiable Information or personally-identifiable health information will be shared outside of the Evaluator and ECHO, except as otherwise agreed to by the Evaluator and ECHO in the Data Use Agreement.

4.  *Data Use Agreement*: ECHO and Evaluator shall enter into the Data Use Agreement outlining these data security provisions prior to the transfer of data.

## IV.   V. MEASURING OUTCOMES

**1. Housing Stability**
(a) Overview:
  (i)    The Housing Stability Outcome will be measured as the number of consecutive 30-day periods ("Months") that a Program Participant maintains an AT Home PSH lease, sublease, or occupancy agreement, where any exit on or after 30 consecutive days shall be considered a Month.

  (ii)   The start date for measuring the Housing Stability Outcome will be the AT Home PSH Entry Date for each Program Participant.

  (iii)  A minimum of 6 Months of Housing Stability is required for a Housing Stability Outcome Payment. Exceptions for this minimum are determined as follows:

  a. If the Exit Destination is other permanent housing (such as housing maintained by the client, permanent tenure with family or friends, or other permanent supportive housing), then an Early Exit will be recorded and the Housing Stability Outcome Payment will be calculated for the Months of Housing Stability achieved up until the date of the Early Exit.

  b. In the event of an early termination of the Agreement due solely to a Payor Termination pursuant to Section 7.1(a), (b) or (c) of any Payor Contract, any months of Housing Stability achieved as of the date of the early termination would be subject to an Early Housing Stability

Outcome Payment (see <u>Schedule 3, Calculation of Outcome Payments, for additional detail).</u>

(iv) If a Program Participant is absent from PSH for a period of less than ninety (90) consecutive calendar days, a PSH Exit Date will not be recorded.

    a. If the Destination is jail, the period of absence less than ninety (90) consecutive calendar days will be excluded from the Housing Stability Outcome.

(v) If a Program Participant is absent from AT Home PSH for a period of ninety (90) or more consecutive calendar days, a PSH Exit Date will be recorded after ninety (90) consecutive days of absence and the Housing Stability Outcome will be calculated by Destination, as follows:

    a. If the Destination is a <u>Negative Exit</u> (e.g., jail or a place not meant for habitation), the period of ninety (90) consecutive calendar days will be excluded from the Housing Stability Outcome. As such, the Housing Stability Outcome will be calculated as the Months of Housing Stability achieved beginning on the PSH Entry Date up until the date of the Negative Exit (inclusive of the PSH Exit Date) *minus* 90 days. A list of Destinations that qualify as a Negative Exit is included in Appendix [XX].

    b. If the Destination is a <u>Positive Exit</u>, the period of up to ninety (90) consecutive calendar days will be included in the Housing Stability Outcome. The Housing Stability Outcome will be calculated for the Months of Housing Stability achieved beginning on the PSH Entry Date up until the date of the Positive Exit (inclusive of the PSH Exit Date). A list of Destinations that qualify as a Positive Exit is included in Appendix [XX].

    c. If the Destination is unknown, the period of ninety (90) consecutive calendar days will be excluded from the Housing Stability Outcome. As such, the Housing Stability Outcome will be calculated as the Months of Housing Stability achieved beginning on the PSH Entry Date up until and inclusive of the PSH Exit Date, *minus* ninety (90) days. The Management Committee reserves the right to make adjustments to the calculation of the Housing Stability Outcome if additional information is acquired after the Housing Stability Outcome

Payment has been made that would reclassify an unknown Destination as a Positive Exit.

(vi) If a Program Participant re-enters AT Home PSH following a PSH Exit Date, the Housing Stability Outcome will be calculated as follows:

    a. If the Destination associated with their PSH Exit Date is a Positive Exit, the Housing Stability Outcome will continue from that PSH Exit Date.

        i. If the Program Participant did not achieve the minimum 6 Months of Housing Stability and did not have a qualified Early Exit, the Housing Stability Outcome will continue from their PSH Exit Date *minus* ninety (90) days.

    b. If the Destination associated with their PSH Exit Date is a Negative Exit, the Housing Stability Outcome will restart from the date of their PSH Re-Entry Date.

    c. If the Destination associated with their PSH Exit Date is unknown and remains unknown at the time of their re-entry, the Housing Stability Outcome will continue from their PSH Exit Date *minus* ninety (90) days.

(vii) The Housing Stability Outcome will be capped at eighteen (18) Months per Program Participant, irrespective of the PSH Exit Date, Destination, or PSH Re-Entry Date.

(viii) Changes to Appendix [XX] require approval from the Evaluator and the Management Committee, as described in Schedule 4 (Governance).

(ix) Housing Stability data for each Program Participant will be entered in HMIS and updated [monthly]. If known, reasons for any absences and Destinations will be noted in the Master Data File, including the PSH Entry Dates, PSH Exit Dates, and PSH Re-entry Dates.

(x) Beginning in [Month 20], the Evaluator will be responsible for reviewing the Master Data File on semi-annual basis to calculate the total number of Months housed for each Program Participant (the "Housing Stability Outcome"). The Evaluator will deliver the Housing Stability Outcome Report to AT Home LLC as set forth in Section VI below.

2. **Inpatient Days**
   (a) Overview:

(i)   Inpatient Days will be measured as the number of days of care charged for inpatient hospital services for each Program Participant, as reported by the ICC.

(ii)   On a semi-annual basis following the Project Commencement Date, ECHO will be responsible for collecting Inpatient Day data for each Program Participant for the 18-month period prior to their PSH Entry Date. ECHO will also be responsible for collecting Inpatient Day data for each Program Participant for the period following their PSH Entry date. These data will be compiled in the de-identified Master Data File to be shared with the Evaluator.

(iii)   On an annual basis beginning in [Month 32], the Evaluator will be responsible for calculating changes in Inpatient Days for each Cohort:

   a.   For each Cohort, the Evaluator will calculate the sum of all Program Participant's Inpatient Days during the 18-month period prior to their PSH Entry Date (the "Total Cohort Inpatient Days Pre-PSH Entry").

   b.   For each Cohort, the Evaluator will calculate the sum of all Program Participant's Inpatient Days during the 18-month period beginning on their PSH Entry Date (the "Total Cohort Inpatient Days-Post-PSH Entry").

   c.   The Evaluator will then calculate the percent change between Total Cohort Inpatient Days Pre-PSH Entry and Total Cohort Inpatient Days Post-PSH Entry for each Cohort (the "Inpatient Days Outcome") and will deliver it to AT Home LLC as set forth in Section VI below.

   d.   The Inpatient Days Outcome for Cohort 1 will be the Inpatient Days Outcome for PFS Pilot Program Participants.


3. **Emergency Department Visits**
   (a) Overview:
      (i)   Emergency Department Visits will be measured as the number of Emergency Department admissions for each Program Participant, as reported by the ICC.

      (ii)   On a semi-annual basis following the Service Commencement Date, ECHO will be responsible for collecting Emergency Department Visit data for each Program Participant for the 18-month period prior to their PSH Entry Date. ECHO will also be responsible for collecting Inpatient

Day data for each Program Participant for the period following their PSH Entry date. These data will be compiled in the de-identified Master Data File to be shared with the Evaluator.

(iii) On an annual basis beginning in [Month 32], the Evaluator will be responsible for calculating changes in Emergency Department Visits for each Cohort:

    a. For each Cohort, the Evaluator will calculate the sum of all Program Participant's Emergency Department Visits during the 18-month period prior to their PSH Entry Date (the "Total Cohort ED Visits Pre-PSH Entry").

    b. For each cohort, the Evaluator will calculate the sum of all Program Participant's Emergency Department Visits during the 18-month period beginning on their PSH Entry Date (the "Total Cohort ED Visits Post-PSH Entry").

    c. The Evaluator will then calculate the percent change between Total Cohort Emergency Department Visits Pre-Enrollment and Total Cohort Emergency Department Visits Post-Enrollment for each Cohort (the "Emergency Department Visits Outcome") and will deliver it to AT Home LLC as set forth in Section VI below.

    d. The ED Visits Outcome for Cohort 1 will be the Emergency Department Visits Outcome for PFS Pilot Program Participants.

**4. Jail Bookings**
(a) Overview:
    (i) Jail Bookings is measured as the number of instances a Program Participant undergoes the intake process by which persons are received for confinement in the Travis County Jail for an offense or sanction for activity that occurs after the PSH Entry Date.

    (ii) On a semi-annual basis following the Service Commencement Date, ECHO will be responsible for collecting Jail Bookings data for each Program Participant for the 18-month period prior to their PSH Entry Date. ECHO will also be responsible for collecting Inpatient Day data for the period following their PSH Entry Date. These data will be compiled in the de-identified Master Data File to be shared with the Evaluator.

    (iii) On an annual basis beginning in [Month 32], the Evaluator will be responsible for calculating changes in Jail Bookings for each Cohort:

a. For each Cohort, the Evaluator will calculate the sum of each Program Participant's Jail Bookings during the 18-month period prior to their PSH Entry Date (the "Total Cohort Jail Bookings Pre-Enrollment").

b. For each Cohort, the Evaluator will calculate the sum of each Program Participant's Jail Bookings during the 18-month period following their PSH Entry Date (the "Total Cohort Jail Bookings Post-Enrollment"). Only Jail Bookings that result from offenses occurring on or after each Program Participant's PSH Entry Date will be counted in the Total Cohort Jail Days Post-Enrollment.

c. The Evaluator will then calculate the percent change between Total Cohort Jail Bookings Pre-Enrollment and Total Cohort Jail Bookings Post-Enrollment for each Cohort (the "Jail Bookings Outcome") and will deliver it to AT Home LLC as set forth in Section VI below.

d. The Jail Bookings Outcome for Cohort 1 will include the Jail Bookings Outcome for PFS Pilot Program Participants.

5. **Jail Days**
   (a) Overview:
       (i)     Jail Days is measured as the number of overnight stays a Program Participant spends in jail as a result of criminal offenses or sanctions for activity occurring after the PSH Entry Date.

       (ii)     On a semi-annual basis following the Service Commencement Date, ECHO will be responsible for collecting Jail Days data for each Program Participant following their PSH Entry Date. These data will be compiled in the Master Data File to be shared with the Evaluator.

       (iii)     On an annual basis beginning in [Month 32], the Evaluator will be responsible for calculating changes in Jail Days for each Cohort:

       a. For each Cohort, the Evaluator will calculate the sum of each Program Participant's Jail Days during the 18-month period prior to their PSH Entry Date (the "Total Cohort Jail Days Pre-Enrollment").

       b. For each Cohort, the Evaluator will calculate the sum of each Program Participant's Jail Days during the 18-month period following their PSH Entry Date (the "Total Cohort Jail Days Post-Enrollment. Only Jail Days that result from offenses occurring on or after each Program

Participant's PSH Entry Date will be counted in the Total Cohort Jail Days Post-Enrollment.

 c. The Evaluator will then calculate the percent change between Total Cohort Jail Days Pre-Enrollment and Total Cohort Jail Days Post-Enrollment for each Cohort (the "Jail Days Outcome") and will deliver the Jail Days Outcomes report to AT Home LLC as set forth in Section VI below.

 d. The Jail Days Outcome for Cohort 1 will be the Jail Days Outcome for PFS Pilot Program Participants.

## V. VI. REPORTING OUTCOMES

**1. Timeline**

 The Evaluator will measure and report Outcomes to AT Home LLC by producing an "Evaluator Report", which will be comprised of the following information delivered according to the following timeline:

| Evaluator Report | Delivery of Evaluator Report | Timing of Outcome Payment | Type of Outcome Calculated |
|---|---|---|---|
| First Outcomes Report | Month 22 | Month 24 | • Cohort 1 Housing Stability (0 – 6 Mos.) |
| Second Outcomes Report | Month 28 | Month 30 | • Cohort 1 Housing Stability (7 – 12 Mos.) |
| Third Outcomes Report | Month 34 | Month 36 | • Cohort 1 Housing Stability (13 – 18 Mos.)<br>• Cohort 1 Inpatient Days<br>• Cohort 1 ED Visits<br>• Cohort 1 Jail Bookings<br>• Cohort 1 Jail Days<br>• Cohort 2 Housing Stability (0 – 6 Mos.) |
| Fourth Outcomes Report | Month 40 | Month 42 | • Cohort 2 Housing Stability (7 – 12 Mos.) |

| | | | |
|---|---|---|---|
| Fifth Outcomes Report | Month 46 | Month 48 | • Cohort 2 Housing Stability (13 – 18 Mos.)<br>• Cohort 2 Inpatient Days<br>• Cohort 2 ED Visits<br>• Cohort 2 Jail Bookings<br>• Cohort 2 Jail Days<br>• Cohort 3 Housing Stability (0 – 6 Mos.) |
| Sixth Outcomes Report | Month 52 | Month 54 | • Cohort 3 Housing Stability (7 – 12 Mos.) |
| Seventh Outcomes Report | Month 58 | Month 60 | • Cohort 3 Housing Stability (13 – 18 Mos.)<br>• Cohort 3 Inpatient Days<br>• Cohort 3 ED Visits<br>• Cohort 3 Jail Bookings<br>• Cohort 3 Jail Days |

The Evaluator's ability to produce the reports on time is dependent on receiving complete Master data files from ECHO two months before each report is due. To the extent that there are delays, the Evaluator may request reasonable extensions.

AT Home LLC reserves the right to request de-identified data from the Evaluator and ECHO on an ongoing basis as needed, in addition to the intervals described above.