# Longitudinal Systems Analysis (LSA)

*AN INTRODUCTION*

# LSA, as defined by HUD:

"The Longitudinal Systems Analysis (LSA) report, produced from a CoC's Homelessness Management Information System (HMIS) and submitted annually to HUD via the HDX 2.0, provides HUD and Continuums of Care (CoCs) with critical information about how people experiencing homelessness use their system of care.

The LSA data provided by CoCs contains community-level information on people and households served by continuum projects over the course of one year.
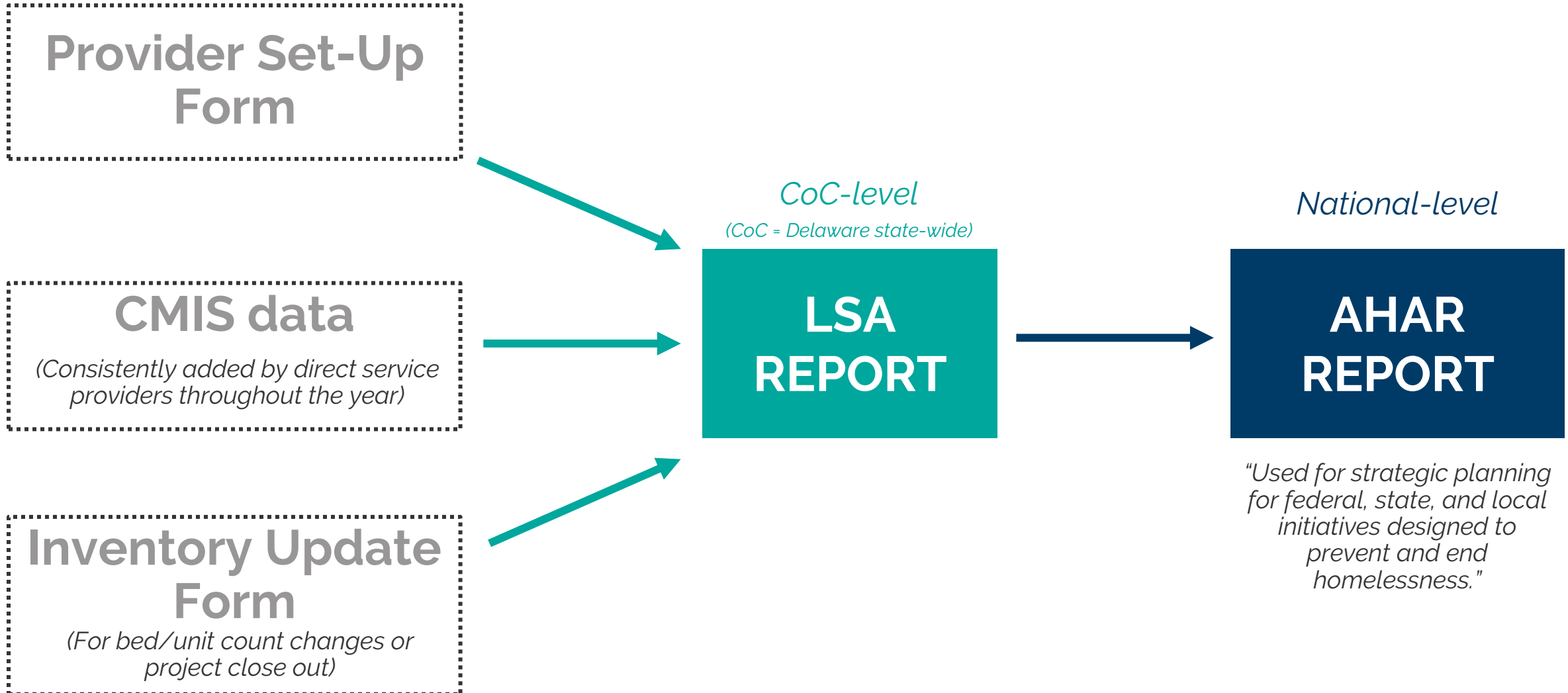
For those people and households served by continuum projects during the fiscal year, otherwise known as the active cohort, the LSA includes:

- Demographic characteristics like age, race, gender, and veteran status;
- Length of time homeless and patterns of system use;
- Information specific to populations whose needs and/or eligibility for services may differ from the broader homeless population, such as veterans and people and households experiencing chronic homelessness; and
- Housing outcomes for those who exit the homeless services system. "

## In layman's terms:

- The LSA report **reflects the total clients served** by homeless assistance projects.
- It **describes the setup and bed configuration** of each provider.
- This is **submitted to HUD annually.**

# WHAT IS THE LSA REPORT FOR?

**Provider Set-Up Form**

**CMIS data**
*(Consistently added by direct service providers throughout the year)*

**Inventory Update Form**
*(For bed/unit count changes or project close out)*

*CoC-level*
*(CoC = Delaware state-wide)*

## LSA REPORT

*National-level*

## AHAR REPORT

*"Used for strategic planning for federal, state, and local initiatives designed to prevent and end homelessness."*

# Provider Details: Setup

*Submitted by Agency Admins, updated by Database Administrator (Frances)*

**1**

Emergency Shelter (HUD)

-Select-
Coordinated Entry (HUD)
Day Shelter (HUD)
Emergency Shelter (HUD)
Homelessness Prevention (HUD)
PH - Housing only (HUD)
PH - Housing with services (no disability required for entry) (HUD)
PH - Permanent Supportive Housing (disability required for entry) (HUD)
PH - Rapid Re-Housing (HUD)
Safe Haven (HUD)
Services Only (HUD)
Street Outreach (HUD)
Transitional housing (HUD)
Other (HUD)
Code Purple / Cold Weather Sanctuary

**2**

**Federal Partner Program and Components**

**Add Federal Partner Program and Components**

| Federal Partner Program * | -Select- |
| Grant Identifier * | |
| Grant Start Date | __/__/____ |
| Grant End Date | __/__/____ |

Save    Cancel

**3**

**COC Codes**

**Add COC Code**

| COC Code* | -Select- |
| Geocode* | |
| ZIP Code* | | Apply ZIP Code Information |
| Geography Type | -Select- |
| COC Code Start Date | |
| COC Code End Date | |

-Select-
Urban
Suburban
Rural

Save    Cancel

1. **Project Type**

2. **Funding Source**

3. **Geography Type (zip code)**

4. **Housing Type**

5. **Victim Service Provider**

6. **Operating Start/End Dates**

7. **HMIS Participation**

**4**

Site-based - single site

-Select-
Site-based - single site
Site-based - clustered / multiple sites
Tenant-based - scattered site

**5-6**

| Victim Service Provider | ○ Yes ● No |
| Operating Start Date | 01 / 01 / 2011 |
| Operating End Date | __/__/____ |
| Continuum Project | ○ Yes ● No |

# Provider Details: Inventory

*Submitted by Agency Admins, updated by Database Administrator (Frances)*



1. **Total Bed and Unit Counts**

2. **Bed dedication**
   - **As required by funders**

3. **Utilization**
   - **Shows how much of the available beds were used**
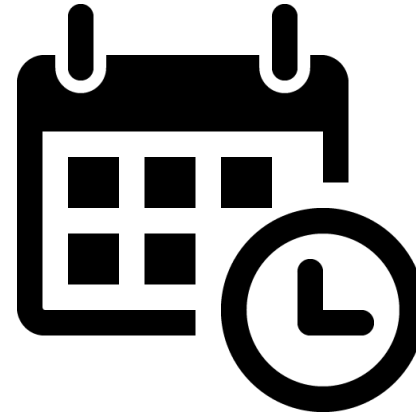
# Household Data

**Head of Household**

*There should only be one per project enrollment*

**Client Location**

*DE-500*

**Overlapping Entries**

*ES: Be mindful of the dates when clients transfer from one shelter to another*

**Housing Outcomes**

**CATEGORIES:**
*Homeless Situations*
*Temporary*
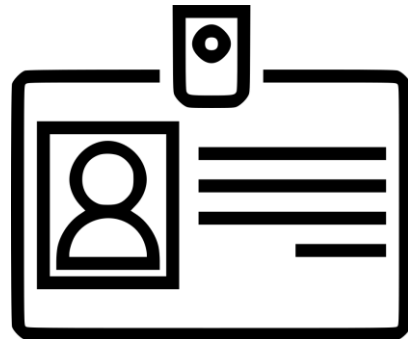*Permanent*
*Institutional*

# Client Data: Demographics

*Goal: accurately identify clients served*

**Gender**

**Veteran Status**

**Date of Birth/Age**

**SSN**

**Race and Ethnicity**

# System Performance Measures (SPM)

*AN INTRODUCTION*

# CONTENTS

# SPMs, as defined by HUD:

" The McKinney-Vento Homeless Assistance Act now requires communities to measure their performance as a coordinated system, in addition to analyzing performance by specific projects or types.

- "The purpose of the System Performance Measures is to encourage CoC, in coordination with ESG Program recipients and all other homeless assistance stakeholders in the community to regularly measure their program in meeting the needs of people experiencing homelessness in their community and report this progress to HUD."

- The SPM report is a summary and year-to-year comparison of system wide counts, averages, and medians related to <u>seven</u> (7) areas of performance.

- The SPM report is based on all persons served (as opposed to households, in the LSA) in a system and are intended to be overall CoC benchmarks. "

## In layman's terms:

- The SPM report consists of **seven factors** that measures a Continuum of Care's progress towards ending homelessness.
- This is required by the McKinney-Vento Homeless Assistance Act and is **submitted to HUD annually**.
- Aside from reviewing **all persons served for the fiscal year,** it also compares to other years and **serves as CoC benchmarks**.

# WHERE DOES SPM DATA COME FROM?

## CMIS data
*(Consistently added by direct service providers throughout the year)*

## SPM REPORT

## 2022 PIT data

**NOTES:**

- Data submitted is aggregated.
- Housing Alliance Delaware asks for providers to review and/or clean up data for accurate reporting.

# SPM TIMELINE

HUD DEADLINE:
**FEBRUARY 28, 2023**

**DATA REVIEW/CLEAN UP PERIOD**

**OCTOBER 3, 2022**

HDX 2.0 web portal opened for submissions

**FEBRUARY 24, 2023**

Target submission date
(to avoid complications on HDX 2.0)

REPORT DATE RANGE:

**October 1, 2021 – September 30, 2022**

**10/01/2021-09/30/2022**

DESCRIPTION OF
MEASURES

DELAWARE'S CoC
SUBMITS

6 of 7

SYSTEM PERFORMANCE
MEASURES

# MEASURE ONE:
## Length of Time Persons Remain Homeless

- The number of clients active in the report date range along with their **average** and **median** **length of time homeless**.

| INVOLVED CMIS DATA: | | |
|---|---|---|
| Entry/Exit Dates | **Project Start Date** / 11/18/2022 | **Exit Date** |
| HUD Length of Time questions | Approximate date homelessness started: 05 / 01 / 2019 G | |
| | Regardless of where they stayed last night - number of times the client has been on the streets or in ES in the past three years, including today: Two times (HUD) G | |
| | Total number of months homeless on the street or ES in the past three years: More than 12 months (HUD) G | |
| Housing Move-In Date | HUD CoC & ESG Update (2021)  Interim Review Date: 11/18/2022 01:22:46 PM | |
| | Client Location * DE-500 G | |
| | Housing Move-in Date ___/___/___ G | |

**Measure 1a:**
- Persons in ES and SH
- Persons in ES, SH, and TH

**Measure 1b:**
- Persons in ES, SH, and PH
- Persons in ES, SH, TH, and PH

# MEASURE TWO:
## The Extent to which Persons Who Exit Homelessness to Permanent Housing Destinations Return to Homelessness within 6, 12, and 24 months

- This measure begins with clients **who exited to a permanent housing destination** in the date range two years prior to the report date range. Of those clients, the measure reports on **how many of them returned to homelessness**.

## INVOLVED CMIS DATA:

### Exit Destination

Edit Exit Data - (1) Test, Justin A

| | |
|---|---|
| Exit Date* | 09 / 01 / 2022  1 ▾ : 37 ▾ : 54 ▾ PM ▾ |
| Reason for Leaving | Completed program ▾ |
| If "Other", Specify | |
| Destination* | Rental by client, with RRH or equivalent subsidy (HUD) ▾ |
| If "Other", Specify | |
| Notes | |

Staying or living with family, permanent tenure (HUD)
Staying or living with friends, permanent tenure (HUD)
Moved from one HOPWA funded project to HOPWA PH (HUD)
Moved from one HOPWA funded project to HOPWA TH (HUD)
Rental by client, with GPD TIP housing subsidy (HUD)
Rental by client, with VASH housing subsidy (HUD)
Permanent housing (other than RRH) for formerly homeless persons (HUD)
Rental by client, with RRH or equivalent subsidy (HUD)
Rental by client, with HCV voucher (tenant or project based) (HUD)
Rental by client in a public housing unit (HUD)
Rental by client, no ongoing housing subsidy (HUD)
Rental by client, with other ongoing housing subsidy (HUD)
Owned by client, with ongoing housing subsidy (HUD)
Owned by client, no ongoing housing subsidy (HUD)

### Succeeding project entries

Entry / Exit

| Program | Type | Project Start Date | Exit Date | Interims | Follow Ups | Client Count |
|---|---|---|---|---|---|---|
| ES Test Project (596) | HUD | 11/18/2022 | | | | |
| ES Test Project (596) | HUD | 06/01/2022 | 09/01/2022 | | | |
| Add Entry / Exit | | Showing 1-2 of 2 | | | | |

# MEASURE THREE:
## Number of Persons Homeless

- Counts of clients using **Point in Time (PIT) count data**.
- Counts of clients using HMIS data, using **unduplicated counts of active clients**.

- Involved data:
  - 2022 PIT submission
  - Unduplicated client profiles

## MEASURE FOUR:
## Employment and Income Growth for Homeless Persons in CoC Program-funded projects

- This measure is limited to **CoC-funded projects.**

- Looks for increase of income:
  - Type of income (earned or other), by
  - Status of client in CoC-funded program (stayed in program or left).

### Broken down by:
- Earned income for system stayers
- Non-employment cash income for system stayers
- Total income for system stayers
- Earned income for system leavers
- Non-employment cash income for system leavers
- Total income for system leavers

## INVOLVED CMIS DATA:

### Entry/Exit Dates



| Project Start Date | Exit Date |
|---|---|
| 11/18/2022 | |

### Income at Start



Income from Any Source: Yes (HUD)

Monthly Income — HUD Verification ✅

| | Monthly Amount | Source of Income | Start Date* | End Date |
|---|---|---|---|---|
| | | SSI (HUD) | 10/27/2022 | |
| | US$500.00 | SSDI (HUD) | 10/27/2022 | |
| | | Child Support (HUD) | 10/18/2022 | |
| | | Other (HUD) | 10/18/2022 | |
| | | Retirement Income From Social Security (HUD) | 10/18/2022 | |

Add | View Gross Income | Showing 1-5 of 87 | First Previous Next Last

Total Monthly Income: 500

### *(for Stayers)*
### Income at Annual Assessment



HUD CoC & ESG Update (2021) — Interim Review Date: 11/18/2022 02:00:14 PM

Client Location*: DE-500
Housing Move-in Date:
Income from Any Source: Yes (HUD)

Monthly Income — HUD Verification ✅

| | Monthly Amount | Source of Income | Start Date* | End Date |
|---|---|---|---|---|
| | | SSI (HUD) | 10/27/2022 | |
| | US$500.00 | SSDI (HUD) | 10/27/2022 | |
| | | Child Support (HUD) | 10/18/2022 | |
| | | Other (HUD) | 10/18/2022 | |
| | | Retirement Income From Social Security (HUD) | 10/18/2022 | |

Add | View Gross Income | Showing 1-5 of 87 | First Previous Next Last

Total Monthly Income: 500

### *(for Leavers)*
### Income at Exit



HUD CoC & ESG Exit (2021) — Exit Date: 09/01/2022 01:37:54 PM

Income from Any Source: No (HUD)

Monthly Income — HUD Verification ✅

| | Monthly Amount | Source of Income | Start Date* | End Date |
|---|---|---|---|---|
| | | Other (HUD) | 08/10/2022 | |
| | | Child Support (HUD) | 08/10/2022 | |
| | | Retirement Income From Social Security (HUD) | 08/10/2022 | |
| | | VA Service Connected Disability Compensation (HUD) | 08/10/2022 | |
| | | TANF (HUD) | 08/10/2022 | |

Add | View Gross Income | Showing 1-5 of 42 | First Previous Next Last

Total Monthly Income: 0

# MEASURE FIVE:
## Number of Persons who Become Homeless for the First Time

- Number of clients in an ES, SH, TH, or PH project but have no other related project entries for **24 months prior**.

### INVOLVED CMIS DATA:

- Unduplicated client profiles
- Project entries

#### EXAMPLE:

| | Program | Type | Project Start Date | | Exit Date | Interims | Follow Ups | Client Count | |
|---|---|---|---|---|---|---|---|---|---|
| 🗑 | Catholic Charities - Casa San Francisco ES (9) | HUD | ✏ 11/28/2021 | ✏ | | ▤ | ▤ | 🔍❶ | 🖌 |
| 🗑 | Dover Interfaith ES (248) | HUD | ✏ 03/12/2016 | ✏ | 03/29/2016 | ▤ | ▤ | 🔍❶ | 🖌 |

Entry / Exit

Add Entry / Exit      Showing 1-2 of 2

**Measure 5.1:**
Clients entering ES, SH, and TH
**Measure 5.2:**
Clients entering ES, SH, TH, or PH

# MEASURE SIX:
Homeless Prevention and Housing Placement of Persons Defined by Category 3 of HUD's Homeless Definition in CoC Program-funded Projects

*-NOT SUBMITTED BY OUR COC-*

# MEASURE SEVEN:
## Successful Placement from Street Outreach and Successful Placement in or Retention of Permanent Housing

- **Street Outreach**
  - Exited to temporary & some institutional destinations
  - Exited to permanent housing destinations
- **ES, SH, TH, and PH-RRH, PH projects** (without HMIDs)
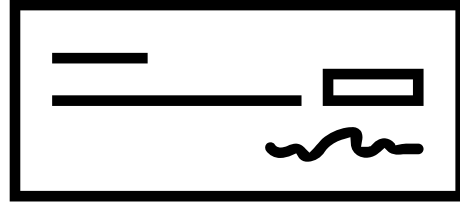- **Retention of permanent housing**
  - Remained in the PH project
  - Exited to permanent housing

## INVOLVED CMIS DATA:

### Exit Destination*

**Edit Exit Data - (1) Test, Justin A**

| | |
|---|---|
| Exit Date* | 09 / 01 / 2022  1 ∨ : 37 ∨ : 54 ∨ PM ∨ |
| Reason for Leaving | Completed program |
| If "Other", Specify | |
| **Destination*** | Rental by client, with RRH or equivalent subsidy (HUD) ∨ |
| If "Other", Specify | |
| Notes | |

### *(Permanent housing Exit Destinations)

Staying or living with family, permanent tenure (HUD)
Staying or living with friends, permanent tenure (HUD)
Moved from one HOPWA funded project to HOPWA PH (HUD)
Moved from one HOPWA funded project to HOPWA TH (HUD)
Rental by client, with GPD TIP housing subsidy (HUD)
Rental by client, with VASH housing subsidy (HUD)
Permanent housing (other than RRH) for formerly homeless persons (HUD)
Rental by client, with RRH or equivalent subsidy (HUD)
Rental by client, with HCV voucher (tenant or project based) (HUD)
Rental by client in a public housing unit (HUD)
Rental by client, no ongoing housing subsidy (HUD)
Rental by client, with other ongoing housing subsidy (HUD)
Owned by client, with ongoing housing subsidy (HUD)
Owned by client, no ongoing housing subsidy (HUD)

# SPM DATA CLEANUP GOALS (pt. 1)
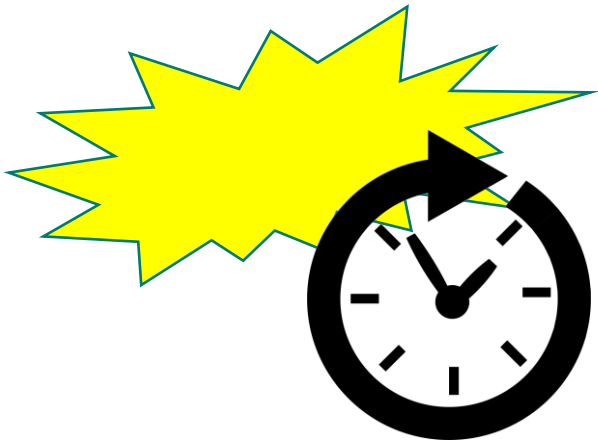
## METRIC 1

- Goal: Reduce average and median length of time homeless
- Important:
  - *Approximate Date Homelessness Started*
  - *Number of times/months homeless in last 3 years*
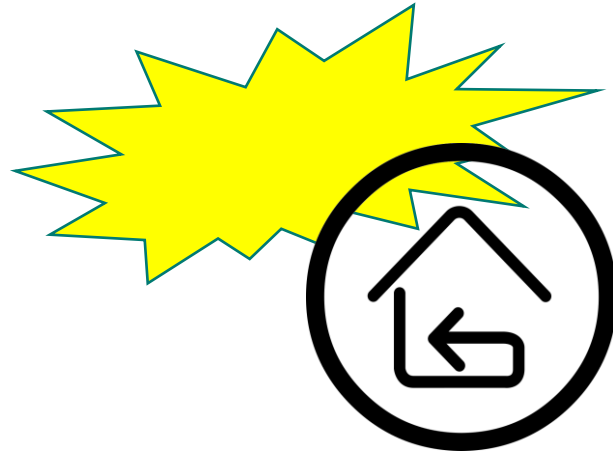
## METRIC 2

- Goal: Reduce % of returns to homelessness
- Important:
  - Select appropriate *Exit Destination*
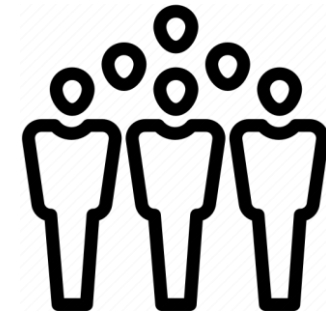
## METRIC 3

- Goal: Reduce number of persons experiencing homelessness
- Important:
  - Add *project entry* to all clients served
  - Submit *duplicate profiles* to HAD for merging

# SPM DATA CLEANUP GOALS (pt. 2)

## METRIC 4

- Goal: Increase % of adults with any income
- Important:
  - Accurately update **income** and **benefits at entry** and **exit**;
  - **Add Annual Assessments** during program stay for updates

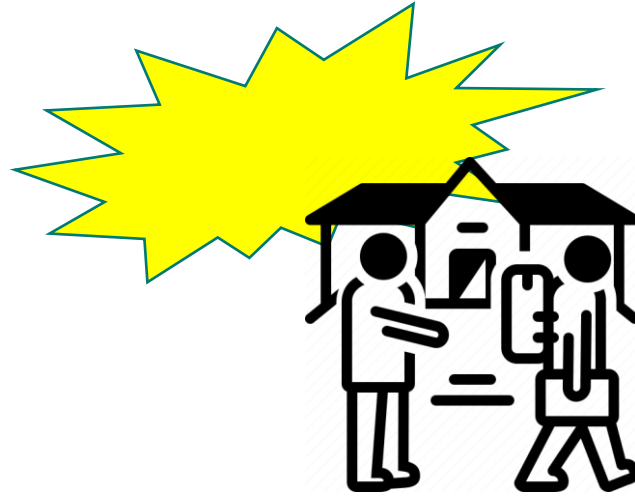## METRIC 5

- Goal: Reduce number of first-time homeless individuals
- Important:
  - Perform thorough client search prior to creating new profiles;
  - Submit **duplicate profiles** to HAD for merging
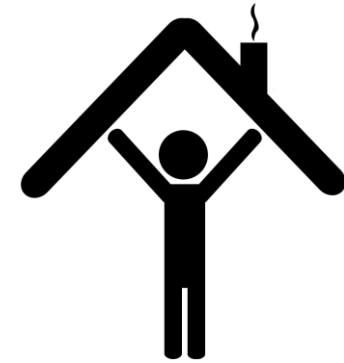
## METRIC 7

- Goal: Increase Successful Placements
- Important:
  - Support clients so they can **exit to permanent destinations**

# WHAT THE DATA SAYS (RIGHT NOW...)

We (as a CoC) will need to determine if these trends are due to **systematic changes or poor data quality**.

### PRELIMINARY OBSERVATIONS

| Metric | Current Interpretation |
|--------|------------------------|
| 1 | A **decrease** in the average client's length of time homeless. |
| 2 | An **increase** of clients leaving transitional housing to permanent housing and returning to homelessness within 2 years.<br>A **decrease** of clients leaving permanent housing and returning to homelessness within 2 years. |
| 3 | A **major increase** of unique clients in our system. |
| 5 | A **major increase** of new clients (or returning after 2+ years) receiving services. |
| 7 | An **increase** of clients contacted through Street Outreach.<br>A **decrease** in clients exiting to permanent housing destinations.<br>An **increase** of clients in permanent housing who retaining housing. |

# HAD's TO DO:

**1** — OCT 13 — Send out FY22 data to providers

Report: Data Quality Framework
Timeframe: 10/01/21-09/30/22

**2** — Review and clean up data

**Status: IN PROGRESS**

Currently working with providers through TA calls, Office Hours, and direct emails.

**3** — CoC & CMIS team: review SPM report numbers

☑ Initial review: to determine action plan.

Final review: last data clean up and determination if FY22 SPM will be resubmitted.

**4** — FEB 24 — Submit final SPM data on HDX 2.0

Note: Four days prior to HUD's final deadline.

# CMIS AGENCIES' TO DO:

☑ **1** Review FY22 data (10/01/21-09/30/22)

- Are all clients enrolled in your program(s)?
- Did you collect information from them required, from the HUD data standards?
- Are you confident in the accuracy of your data?
- Are all clients exited from your program(s) (if needed)?

☑ **2** Respond to HAD's requests for data clarification

☐ **3** Contact HAD to review data (if needed)

AREAS OF FOCUS:
- Metric 1 (LOT data)
- Metric 2 (Exit Destinations)
- Metric 4 (Interims: Income changes for CoC-funded programs)

Email cmis.support@housingalliancede.org

# THANK YOU!

- Contact us at [cmis.support@housingalliancede.org](mailto:cmis.support@housingalliancede.org) for more information or to get assistance with data quality.