

November 2021

THE LONGITUDINAL SYSTEM ANALYSIS

LSA OVERVIEW

Formerly known as AHAR, the LSA is a nationwide collection of information about homeless providers, service providers, people and households experiencing homelessness. This includes both HIC and PIT. The third piece is community-level information focused on people and households served by the continuum projects over the course of the year.

This report is meant to be used beyond the HUD collection to congress, but more so CoC's can utilize the information for a range of purposes.

- 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, people and households experiencing chronic homelessness, and others; and
- Housing outcomes for those who exit the homeless services system.

HMIS DATA UNIVERSE

- Fiscal Year - October 1 - September 30
- CoC Code -DE-500
- Systemwide LSA (All Projects)

The export of HMIS CSV 6.11 files involves all Project Descriptor Data Elements (PDDEs) for the following project types:

HMIS Value	Project Type
1	Emergency Shelter
2	Transitional Housing
3	PH - Permanent Supportive Housing
8	Safe Haven
9	PH – Housing Only
10	PH – Housing with Services (no disability required for entry)
13	PH - Rapid Re-Housing














HMIS Data Elements

DS#	Dictionary Field Label	Reference Name
2.3.1	Continuum Code – HUD-Assigned CoC Codes for the Project Location	ProjectCoC
2.2.1	Project ID	ProjectID
2.4.1	Continuum Project	ContinuumProject
2.4.2	Project Type	ProjectType
2.5.1	Method of Tracking ES Utilization	TrackingMethod
2.8.7	Project Geography	Geography
5.8	Personal ID	PersonalID
3.3.1	Date of Birth	DOB
3.3.2	DOB Data Quality	DOBDataQuality
3.4.1	Race	Race
3.5.1	Ethnicity	Ethnicity
3.6.1	Gender	Gender
3.7.1	Veteran Status	VeteranStatus
5.6	Enrollment ID	EnrollmentID
3.10.1	Project Start Date	EntryDate
5.9	Household ID	HouseholdID
3.16	Information Date (no field number)	InformationDate
3.16.1	HUD Assigned CoC Code for the Client's Location	EnrollmentCoC
3.917.1	Type of Residence	LivingSituation

DS#	Dictionary Field Label	Reference Name
3.917.2	Length of Stay in Prior Living Situation1	LengthOfStay
3.917.2C	On the Night Before Did You Stay on the Streets, ES, or SH?	PreviousStreetESSH
3.917.3	Approximate Date Homelessness Started	DateToStreetESSH
3.917.4	Number of times the client has been on the streets, in ES, or SH in the past three years including today	TimesHomelessPastThreeYears
3.917.5	Total number of months homeless on the street, in ES, or SH in the past three years	MonthsHomelessPastThreeYears
3.15.1	Relationship to Head of Household	RelationshipToHoH
3.8.1	Disabling Condition	DisablingCondition
4.11.1	Information Date	InformationDate
4.11.2	Domestic Violence Victim/Survivor	DomesticViolenceVictim
4.11.2B	Are You Currently Fleeing?	CurrentlyFleeing
3.20.1	Housing Move-In Date	MoveInDate
4.14.1	Bed-Night Date	BedNightDate
3.11.1	Project Exit Date	ExitDate
3.12.1	Destination	Destination

PROVIDER SET-UP

- CoC Code
- Geo Code
- Housing Type
- Operating Start Date
 - Only projects active during timeframe
- Zipcodes
- Project Type
- Continuum Project

HUD Standards Information	
Organization Identifier	
Victim Services Provider	<input type="radio"/> Yes <input checked="" type="radio"/> No
Operating Start Date	11 / 20 / 2017   
Operating End Date	/ /   
Continuum Project	<input checked="" type="radio"/> Yes <input type="radio"/> No
Project Type	Emergency Shelter (HUD) 
Emergency Shelter Tracking Method	Entry/Exit Date 
Housing Type	Site-based - single site 
Target Population	NA: Not Applicable 
Target Population A (OPTIONAL)	-Select- 
HOPWA funded Medically Assisted Living facility	NA non HOPWA Funded Project 
Principal Site	<input checked="" type="radio"/> Yes <input type="radio"/> No
Provider Grant Type	-Select- 
Service Transaction Workflow (Program does not use Entry/Exits)	<input type="radio"/> Yes <input checked="" type="radio"/> No

PROVIDER DATA QUALITY

- Enrollments are still active when the project is closed
- Overlapping Enrollments
- Housing Type
- Operating Start Date
 - Only projects active during timeframe

INVENTORY SET-UP

● **HOUSEHOLD TYPE**

Determines the type of inventory

● **UNIT SET-UP**

Determines bed type, availability, total beds

● **BED SET-UP**

Determines dedicated beds, non-dedicated beds

● **HIC COMPARISON**

capacity set-up must be identical to the hic

INVENTORY SET-UP

● ACCURACY & DQ

- The information must be complete
- Unique inventory records for household types
- LSA will compare entry/exit data to the inventory setup

1 and Unit Inventory

Add Bed / Unit Inventory

Provider

Name *

COC Code

Household Type *

Bed Type *




Availability *




Total Bed Inventory *

Of the total inventory what number of beds are dedicated to:

Chronically Homeless Veteran Bed Inventory *	<input type="text"/>
Youth Veterans Bed Inventory *	<input type="text"/>
Any Other Veteran Bed Inventory *	<input type="text"/>
Chronically Homeless Youth Bed Inventory *	<input type="text"/>
Any Other Youth Bed Inventory *	<input type="text"/>
Any Other Chronically Homeless Bed Inventory *	<input type="text"/>
Non-dedicated Bed Inventory *	<input type="text"/>
Chronic Homeless Bed Inventory (PSH Only) (Retired)	<input type="text"/>
Veteran Bed Inventory (Retired)	<input type="text"/>
Youth Beds Inventory (Retired)	<input type="text"/>

Unit Inventory

Inventory Start Date * //   

Inventory End Date //   

HMIS Participating Beds (Retired)

HMIS Participation Start Date (Retired) //

HMIS Participation End Date (Retired) //

McKinney Vento Funding Yes No

DATA QUALITY

● CLIENTS MUST HAVE DOB

- Members age is necessary to calculate household types

● OVERLAPPING ENROLLMENTS

- Enrolled in the same project with overlapping dates
- concurrent ES to ES projects
- Concurrent ES to TH projects

● MULTIPLE HOH RECORDS

- Enrollments can have only 1 HoH and 1 member must be identified as the HoH

● CANNOT HAVE INDEPENDANT RECORDS UNDER THE AGE OF 5

- Independent children under 5 are deemed wards of the state and cannot be entered into HMIS

● MISSING ETHNICITY AND RACE

- These missing elements will cause the file to be invalid

● PROJECT SPECIFIC POPULATION TYPES

- PSH clients must have a disabling condition
- Project specified as AC but the majority of entries are AO

LSA TIMEFRAME



DEC 6 - DEC 20

Submission in HDX 2.0

DEC 20 - FEB 15

Data Cleaning and Confirmation

DUE FEB 15

Final Submission

LSA FLAGS

Flag Summary						
Flag Category	Errors		Warnings		Total	
	Distinct Flags Triggered	Number of Records Flagged	Distinct Flags Triggered	Number of Records Flagged	Distinct Flags Triggered	Number of Records Flagged
Total	10	12	49	100	59	112
Comparisons with Prior LSA	0	0	8	8	8	8
Comparisons with the HIC: Bed Counts	0	0	20	20	20	20
Geography	1	3	0	0	1	3
LSACalculated: DQ counts	1	1	0	0	1	1
total, by project type; bed nights; overall population	2	2	0	0	2	2
LSACalculated: Sum of HHType AO, AC, CO, UN values > all HHs value; bed nights; overall population (CoC level)	2	2	0	0	2	2
LSACalculated: Sum of HHType AO, AC, CO, UN values > all HHs value; bed nights; overall population (project level)	1	1	0	0	1	1
TH counts > combined ES/SH/TH count; bed nights	1	1	0	0	1	1
LSAReport File	1	1	0	0	1	1
LSAReport vs. LSACalculated	1	1	0	0	1	1
Unclassified Households / Missing Age	0	0	1	1	1	1
Utilization	0	0	20	71	20	71

- HUD maybe including the LSA flags within HDX 2.0 this year

LSA FLAGS

25384	Error	Inventory	The number of HMIS-participating beds cannot be greater than the total number of beds.
25390	Error	Inventory	This inventory record for an emergency shelter project is missing a value for Bed Type. The Bed Type field is required for emergency shelter inventory records.
25391	Error	Inventory	This inventory record for an emergency shelter project is missing a value for Availability. The Availability field is required for emergency shelter inventory records.
25469	Error	Funder	You reported that this project received HOPWA-Transitional Housing (facility-based or TBRA) funding. If so, the project should be classified as TH.
25471	Error	Funder and Inventory	You reported that this project receives funding from VA sources, yet you did not report any dedicated veteran beds among the project's active inventory.

LSA FLAGS

You reported that there were households active in this continuum project but whose enrollment was not associated with any CoC (i.e., the enrollment was missing the client location CoC code). Because of the importance of the client location, this issue could potentially have a large impact on usability.

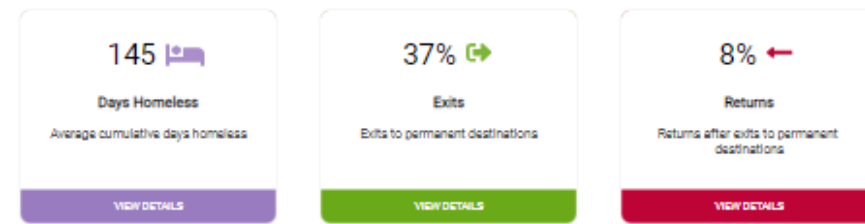
You have reported a large* number of people active in residence in this project were in unclassifiable households. This means there were many clients with missing ages. The household type is very important for the LSA and has an outsized importance for data quality. Please explain and verify whether you have used all available information to fill in the clients' ages (including case manager files outside of HMIS, if they are available). (* For

All households: You reported that zero people were served (active in residence) during the entire report period in this HMIS-participating project. Please confirm and explain.

STELLA P

System Performance Overview

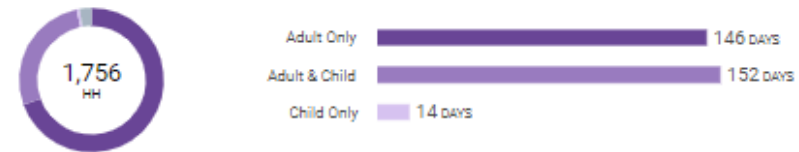
Total number of households and people served in the homeless system and performance overview for 10/01/2019 - 09/30/2020 for Final 2020



System Performance by Household Type

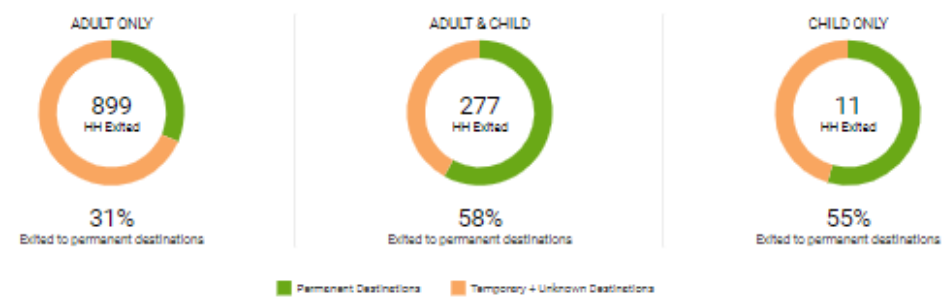
Households with Days Homeless and Days Homeless by Household Type

Households that had at least one day in ES, SH, TH, or RRH; or at least one day in PSH prior to move-in and the average cumulative, unduplicated number of days that households were served in ES, SH, or TH projects; and days in RRH or PSH prior to move-in.



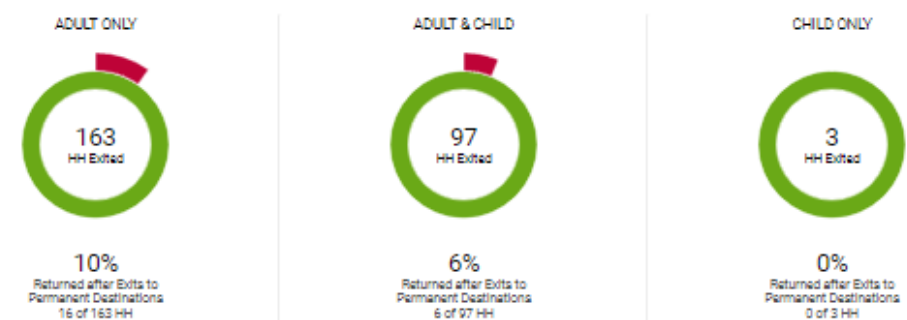
Exits by Household Type

Percent of households that exited to permanent destinations.



Returns by Household Type

Percent of households that returned to the homeless system within six months of exiting to permanent destinations. The universe for the chart is households that exited within the first six months of the report period.



QUESTIONS
?