



HMIS CSV FORMAT SPECIFICATIONS

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Version 5

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Revision History

Date	Version	Description
9/2014	4.0	HMIS CSV Data Exchange Specifications v4.0
8/2015	4.1	HMIS CSV Data Exchange Specifications v4.1
8/2016	5.0	HMIS CSV Data Exchange Specifications v5.0 (see Appendix C)

Overview

The US Department of Housing and Urban Development (HUD), in cooperation with the Department of Health and Human Services (HHS) and the Department of Veterans Affairs (VA), is responsible for the Homeless Management Information System (HMIS) Data Standards, which define data collection requirements for any software used as an HMIS. The first version of the data standards was published in 2004; the current version (V5) has an effective date of October 1, 2016.

This document provides updated specifications for a standard set of comma-separated values (CSV) files that include all data elements and fields defined by the HMIS Data Standards Version 5, along with information that describes an exported data set. The structure of the files and relationships between files are based on the 2016 HMIS Logical Model, although the HMIS CSV is less granular than that of the model in order to reduce the overall number of files.

In addition to the HMIS CSV, HUD is also publishing HUD HMIS XML Schema version 5, an eXtensible Markup Language (XML) format also based on the HMIS Logical Model. Documentation is available on HUD's Homelessness Data Exchange (HDX) at <http://www.hudhdx.info/VendorResources.aspx>.

Document Purpose and Scope

There are a number of purposes for which HMIS data might be exported from one system and imported to another. The use cases that the HMIS CSV and HMIS XML formats are primarily intended to support include migration from one HMIS application to another; warehousing of data from multiple HMIS implementations for analysis and reporting; and participation in a local HMIS implementation by regularly providing data entered into and exported from an alternate database.

This document is primarily technical; it describes a common format and associated basic expectations and assumptions related to the processes of exporting and importing HMIS data in a standard manner. In general, HUD expects that it should be possible to export, in a standard format, all data entered into an HMIS for any data element defined by the HMIS Data Dictionary, regardless of whether or not a given data element is required based on project type or funder. Specific requirements related to the overall functionality of HMIS applications and export and import processes in particular will be established by the forthcoming HMIS Software and Data Quality Standards and may result in revisions to this document.

The HMIS Data Dictionary defines several hundred fields. HUD is aware that there is, in addition, a wide variety of expanded and customized data collection in HMIS implementations across the country. While HUD is cognizant that the exchange of additional data that may be included in an HMIS will often be useful and necessary, it is not practical to include accommodations for every potential need, even if it were possible to anticipate them. As a result, the scope of this document is generally limited to data collected in a manner consistent with the HMIS Data Dictionary. The HMIS CSV format may be extended to include additional files and fields by parties engaged in HMIS data exchange; technical assistance may be available.

To request technical assistance please visit www.hudexchange.info.

Document Format

This document defines CSV files and fields required for data exchange of all data elements defined in the HMIS Data Dictionary, basic rules and assumptions for HMIS export and import processes, and general descriptions of terms used.

[Appendix A](#) lists all HMIS Data Standards v5 data elements and the CSV file in which they appear.

[Appendix B](#) includes response categories and associated data exchange values for all option list fields defined in the HMIS Data Standards v5.

[Appendix C](#) summarizes changes in this version of the HMIS CSV from v4.1.

File Definitions

For each file defined by the HMIS CSV Specifications, this document includes a description of general requirements for the file and a table listing each field with basic requirements for the field.

Files are grouped into the following sections based on the type of data they contain: Export, Project Descriptor, Client, and Enrollment. A complete list of each data element and the name of the CSV file in which it appears is included in [Appendix A](#).

References to data elements defined in the HMIS Data Dictionary are in bold type (**3.3 Date of Birth**) and references to specific fields in both the Data Dictionary and the CSV format are italicized (*Date of Birth Type*).

The tables include the columns described below.

Column	Description
DE#	<p>This is the data standards identification of fields; it includes the data element number and field identifier (numbers for primary fields and letters for dependent fields) as listed the HMIS Data Dictionary.</p> <p>For example, the data quality indicator for a client's date of birth is part of data element 3.3 Date of Birth; the field for data quality is listed as Field 2. Accordingly, the DE# for the field is 3.3.2.</p> <p>Data that are repeated in multiple files only have a DE# identified in the file where they originate. For example, 3.13 Personal ID serves as a unique identifier (primary key) in Client.csv and its DE# is listed there. The same identifier is used to associate data in other CSV files with a particular client (foreign key), but the DE# is not listed when it appears in other files.</p>
Name	<p>This lists the CSV field name for each field defined. While field names are intended to be recognizable as compared to those in the HMIS Data Dictionary, many have been shortened. For example, the field for a client's date of birth is named DOB.</p>
Type	<p>The data type for the field. The types included are defined in the next section.</p>

Column	Description
List	<p>Fields that have response categories defined in the HMIS Data Dictionary or in this document will have a list number in this column. List numbers are hyperlinked to Appendix B, which includes all of the lists by number with data exchange values and text equivalents.</p> <p>Lists that are specific to the HMIS CSV export have two-part list numbers that begin with 1; the second part is sequential. For example, the list for <i>ExportPeriodType</i>, which is used in <i>Export.csv</i>, has a list number of 1.1.</p> <p>The two most frequently used lists (No/Yes/Missing) and (No/Yes/Client doesn't know/Client refused/Missing) are numbered 1.7 and 1.8 respectively rather than re-defining them for each field in which they appear.</p> <p>Other lists are numbered to correspond to the DE# for the field in which they first appear and have three-part list numbers, e.g., the list for the date of birth data quality field is numbered 3.3.2.</p>
Null	Fields that may be null are identified with a Y (for Yes). Any field not specifically permitted to be null should have an exported value of the appropriate data type; for non-nullable fields with response categories defined in the HMIS Data Dictionary, 99 (Data not collected) should be exported for blank fields / missing data.
Notes	Includes definitions, specific validation requirements, and other relevant information. Regular expressions are included for some fields as a supplement to descriptions of validation requirements; they are included as a convenience only and there is no requirement to use them.

Fields Not Defined in the HMIS Data Dictionary

Unique Identifiers

Based on a need expressed by HMIS software providers, every file includes a field that serves as a unique identifier for each record in the file. In some cases, these unique identifiers are defined in the HMIS Data Dictionary. For example, the unique identifier for *Project.csv* is **2.2 Project Identifiers** *Project ID*. In other cases, the unique identifier is not defined in the HMIS Data Dictionary but is assumed to exist in the exporting database.

Values exported in these fields should correspond to actual values in the exporting database. Where a single file includes multiple data elements and requires combining multiple records, each of which has its own unique identifier, the lowest value should be used.

Date Deleted

Based on a need expressed by HMIS software providers, every file includes a *DateDeleted* field. This metadata is not defined by the HMIS Data Dictionary but will be necessary for any system participating in data exchange that updates instead of completely replacing previously transmitted data.

Data Types

Data types and maximum field lengths defined here apply to unhashed data. When data in one or more fields are hashed – and the receiver requires or has agreed to accept hashed data – the data types and validation processes for those fields may differ depending on the hashing parameters.

The HMIS CSV specifications include the following data types:

Type	ID	Definition
Date	D	A date in the format yyyy-mm-dd
Datetime	T	A date and time in the format yyyy-mm-dd hh:mm:ss ¹
Integer	I	A non-negative whole number
Money	M	Number with two decimal places (no commas and no currency symbol); numbers may be negative
Money	M+	Non-negative number with two decimal places (no commas and no currency symbol)
String	S#	A combination of letters, numbers, and standard punctuation (see list of characters permitted in string fields below); the number following the 'S' identifies the maximum number of characters permitted for a given field. For example, fields with a data type of S50 are limited to 50 characters. String fields must be padded with double-quotes.

Characters Permitted in String Fields

- Upper case letters A-Z
- Lower case letters a-z
- Numbers 0-9
- Spaces and ! # \$ % & ' () * + - . , / \ : ; = ? @ _ ` ~ |
- Double-quotes must be exported as "" (two double-quote characters) if a double-quote character is part of the data; alternatively, they may be replaced by a single-quote character in the export process.
- The following characters are not permitted; if they are part of data entered by a user, the characters should be stripped out in the export process: < > [] { }

General Rules and Assumptions

As noted earlier, the HMIS CSV may be extended to include additional files and fields by mutual agreement. The rules and assumptions defined here may also be relaxed or modified – also by mutual agreement – to facilitate the exchange of non-standard data (e.g., service records not associated with a *ProjectEntryID*). Non-standard data should not be included in exported files without prior and mutual agreement.

¹ In CSV files opened with MS Excel, date and datetime data are automatically reformatted. Even if a user makes no other changes, saving the file will save the dates in the Excel format. It is tedious but possible to reset the dates to the CSV format so that the file will pass validation checks.

Export

1. The first row in each file must include the field names as they are listed in this document.
2. Files may not contain additional fields.
3. It should be possible to export, in a standard format, all data entered into an HMIS for any data element defined by the HMIS Data Dictionary, regardless of whether or not a given data element is required based on project type or funder.
4. If response categories in an HMIS application differ from those defined in the data standards, they must be exported with the value of the most appropriate response category defined in the HMIS Data Dictionary. For example, if the response categories for *Relationship to Head of Household* have been expanded to include 'Husband or wife' and 'Unmarried partner,' both must be exported as 'Head of household's spouse or partner' with a value of 3.
5. Unless a field is specifically identified as allowing null values, all fields must contain data. For fields with response categories defined in the data standards, blank / missing values will be exported with a value of 99, which is defined by the HMIS Data Dictionary as 'Data not collected.'
6. Dependent fields will be null unless the parent field contains the value defined by the HMIS Data Dictionary.
7. Values stored as placeholders in an exporting database that have no informational value must be exported as if they were null. For example, if the stored value for a Social Security Number is '000000000' because the database does not permit a null value for the field, the zeroes may not be exported in the SSN field; the value in the SSN field in the exported file should be null unless a value was entered by a user.
8. Export processes must use parameters entered by a user to identify data required for export. Required parameters include Export Start Date, Export End Date, Project(s), and CoC Code.
9. All files required for a given export will be generated as part of a single process to minimize the possibility of inconsistent or partial data caused by users adding or editing records as the files are being created.

Import

1. Import validation processes for file and field names should not be case-sensitive.
2. Import validation processes may (but are not required to) reject a data set in whole or in part if any part of the data set is inconsistent with the specifications contained in this document.
3. Import processes may skip validation for files and/or fields which are not relevant.

Export Characteristics

Export Period Types

Reporting Period

'Reporting period' exports include all records needed for reporting on clients and enrollments active in the export period. This will include all records in enrollment files (regardless of *Information Date*, *Date Created*, *Date Updated*, etc.), client files, and project descriptor files associated with a Project Entry ID where:

- *Project Entry Date* is on or before the Export End Date;
- *Project Exit Date* is null OR *Project Exit Date* is on or after the Export Start Date;

- *Project ID* is associated with a project selected by a user for export OR the user did not choose to filter the export by Project;
- A *CoC Code* associated with the *Project Entry ID* matches a *CoC Code* selected by a user for export OR the user did not choose to filter the export by *CoC Code*.

Updated

Exported data sets with an *ExportPeriodType* of 'updated' will include all records with a *Date Created*, *Date Updated*, or a *Date Deleted* that falls between the Export Start Date and the Export End Date.

Effective

Exported data sets with an *ExportPeriodType* of 'effective' will include all enrollment data, along with associated client and project descriptor data, where the Information Date (or other effective date such as Project Entry Date, Project Exit Date, Contact Date, etc.) falls between the Export Start Date and the Export End Date.

Other

The 'Other' *ExportPeriodType* is used to identify exports in which records were selected based upon parameters mutually agreed upon by the sender and recipient of the CSV data.

Export Directive Types

Delta refresh

Exported data sets with an *ExportDirective* of 'Delta refresh' (1) are intended to be synchronized with an existing data set / previously transmitted data in the receiving database and include only information that is new or different since the last time data were synchronized.

Full refresh

Exported data sets with an *ExportDirective* of 'Full refresh' (2) are intended to completely replace any previously transmitted data in the receiving database.

Other

The 'Other' (3) *ExportDirective* is used to identify exports in which records were selected based upon parameters mutually agreed upon by the sender and recipient of the CSV data.

Hash Status

Unhashed

Data sets with a *HashStatus* of 'Unhashed' (1) data are expected to conform to data type and field length parameters defined in this document.

SHA-1 RHY

The SHA-1 algorithm produces a 40-character string of letters and numbers. Data sets with a *HashStatus* of 'SHA-1 RHY' (2) will be exported consistent with the specifications of this document with the exception that the following fields in Client.csv (and no others) will be hashed using the SHA-1 standard algorithm and data types for these four fields will differ as noted:

- *FirstName* (S40)– SHA-1 hash of the SOUNDEX of the value for first name;

- *MiddleName* (S40) – SHA-1 hash of the SOUNDEX of the value for middle name;
- *LastName* (S40) – SHA-1 hash of the SOUNDEX of the value for last name; and
- *SSN* (S44) – concatenation of the unhashed last 4 digits of the SSN followed by SHA-1 hash of the full SSN. In the case of a partial SSN, use a lower-case letter x to replace any missing digits. The resultant 9-character string will be hashed in the same manner as a complete SSN.

Hashed – other

The 'Other' *HashStatus* is used to identify exports in which data are hashed based on parameters mutually agreed upon by the sender and recipient of the CSV data.

Export File

Export.csv

Export.csv includes information about the export itself and is always required.

For each export, there must be one and only one record in Export.csv. The *ExportID* in this file should be unique to the exporting application – i.e., a new *ExportID* should be created each time data are exported – and will be used to identify all of the CSV files generated as a part of the same export process.

Name	Type	List	Null	Notes
ExportID	S32			Unique identifier
SourceType	I			Identifies whether the source database is a continuum-operated HMIS (1), an agency-specific database (2), a data warehouse (3), or other (4). An HMIS implementation operated jointly by more than one continuum should be identified as a data warehouse.
SourceID	S32		Y	If <i>SourceType</i> = 1, this field may not be null and must identify the HUD CoC Code of the HMIS implementation from which data are being exported in the format of two letters, a dash, and 3 numbers. <code>^[a-zA-Z]{2}-[0-9]{3}\$</code> If <i>SourceType</i> <> 1, this field may be null or used to specify other characteristics, as agreed upon by sender and receiver.
SourceName	S50		Y	If the source database is not an HMIS implementation (if <i>SourceType</i> <> 1), this field may not be null and must identify the organization responsible for the database.
SourceContactFirst	S50		Y	The first name of the user generating the export.
SourceContactLast	S50		Y	The first name of the user generating the export.
SourceContactPhone	S10		Y	The phone number of the user generating the export. Limited to 10 digits / no punctuation. <code>[2-9][0-9]{2}[2-9][0-9]{2}[0-9]{4}</code>

Name	Type	List	Null	Notes
SourceContactExtension	S5		Y	The phone extension of the user generating the export, if available. Limited to 5 digits / no punctuation. [0-9]{1,5}
SourceContactEmail	S70		Y	The email address of the user generating the export, if available. (([A-Za-z0-9]+_+) ([A-Za-z0-9]+\-+) ([A-Za-z0-9]+\.+) ([A-Za-z0-9]+\++)) * [A-Za-z0-9]+@ ((\w+\-+) (\w+\.+)) * \w{1,63} \. [a-zA-Z]{2,6}
ExportDate	T			The date and time that the export process was initiated
ExportStartDate	D			The user-entered start date for the export period
ExportEndDate	D			The user-entered end date for the export period; the <i>ExportEnd</i> should be the same as the <i>ExportStart</i> for exports of HIC data.
SoftwareName	S50			The name of the software generating the export.
SoftwareVersion	S50		Y	The version number of the software, if applicable.
ExportPeriodType	I	1.1		
ExportDirective	I	1.2		
HashStatus	I	1.5		

Project Descriptor Files

Organization.csv

The unique identifier for Organization.csv is **2.1 Organization Identifiers** *Organization ID*, which is used in Project.csv to associate a project with a specific organization.

This file includes a field that is referenced but not defined in the HMIS Data Dictionary: *OrganizationCommonName*. Use of this field is entirely optional.

There must be one record in Organization.csv for each *OrganizationID* in Project.csv.

DE#	Name	Type	List	Null	Notes
2.1.1	OrganizationID	S32			Unique identifier
2.1.2	OrganizationName	S50			
	OrganizationCommonName	S50		Y	
	DateCreated	T			
	DateUpdated	T			
	UserID	S32			
	DateDeleted	T		Y	
	ExportID	S32			Must match record in Export.csv

Project.csv

The unique identifier for Project.csv is the Project ID from data element **2.2 Project Identifiers**; the *ProjectID* in this file is used to associate data in other CSV files with a specific project.

Other data elements in Project.csv are:

- **2.4 Project Type**
- **2.5 Method for Tracking Emergency Shelter Utilization**
- **2.9 Target Population**

Project.csv includes two fields that are not defined in the HMIS Data Dictionary: *ProjectCommonName* and *PITCount*. Use of both fields is optional.

For data sets that include client data, there must be one record in Project.csv for each *ProjectID* in Enrollment.csv.

Project.csv must include records for all projects selected by the user for inclusion in the export and for any *ResProjectID* in Affiliation.csv.

DE#	Name	Type	List	Null	Notes
2.2.1	ProjectID	S32			Unique identifier
	OrganizationID	S32			Must match a record in Organization.csv
2.2.2	ProjectName	S50			
	ProjectCommonName	S50		Y	
2.4.1	ContinuumProject	I	1.7		
2.4.2	ProjectType	I	2.4.2	Y	May be null if <i>ContinuumProject</i> <> 1
2.4.A	ResidentialAffiliation	I	1.7	Y	Null if <i>ProjectType</i> <> 6
2.5.1	TrackingMethod	I	2.5.1	Y	Null if <i>ProjectType</i> <> 1
2.9.1	TargetPopulation	I	2.9.1	Y	
	PITCount	I		Y	Used for the HIC; a count of active clients ² on the date of the PIT Count
	DateCreated	T			
	DateUpdated	T			
	UserID	S32			
	DateDeleted	T		Y	
	ExportID	S32			Must match <i>ExportID</i> in Export.csv

Funder.csv

Funder.csv includes data from data element **2.6 Federal Partner Funding Sources**. For exports that require Funder.csv, there must be at least one record in Funder.csv for each record in Project.csv where *ContinuumProject* is equal to 1 (Yes).

² Refer to the HMIS Standard Reporting Terminology Glossary for logic associated with counting active clients.

DE#	Name	Type	List	Null	Notes
	FunderID	S32			Unique identifier
	ProjectID	S32			Must match a record in Project.csv
2.6.1	Funder	I	2.6.1		
2.6.2	GrantID	S32		Y	
2.6.3	StartDate	D			
2.6.4	EndDate	D		Y	
	DateCreated	T			
	DateUpdated	T			
	UserID	S32			
	DateDeleted	T		Y	
	ExportID	S32			Must match the <i>ExportID</i> in Export.csv

ProjectCoC.csv

ProjectCoC.csv includes data for data element **2.3 Continuum of Care Code**. For exports that require ProjectCoC.csv, there must be at least one record in ProjectCoC.csv for each record in Project.csv where *ContinuumProject* is equal to 1 (Yes). For projects that operate in more than one CoC (and when the export includes data for more than one CoC), there will be multiple records for a project.³

DE#	Name	Type	List	Null	Notes
	ProjectCoCID	S32			Unique identifier
	ProjectID	S32			Must match a <i>ProjectID</i> in Project.csv
2.3.1	CoCCode	S6			Two letters, a dash, and 3 numbers ^[a-zA-Z]{2}-[0-9]{3}\$
	DateCreated	T			
	DateUpdated	T			
	UserID	S32			
	DateDeleted	T		Y	
	ExportID	S32			Must match the <i>ExportID</i> in Export.csv

Inventory.csv

Inventory.csv includes data for **2.7 Bed and Unit Inventory Information**.

There may be multiple records for each *ProjectID* in Project.csv where *ProjectType* is equal to 1, 2, 3, 8, 9, 10, or 13. For each record in Inventory.csv, values for *ProjectID* and *CoCCode* must match a single record in ProjectCoC.csv.

DE#	Name	Type	List	Null	Notes
	InventoryID	S32			Unique identifier
	ProjectID	S32			Must match a <i>ProjectID</i> in ProjectCoC.csv

³ As noted in the HMIS Data Dictionary, this is not a change but a clarification; the relationship between DE 2.2 and DE was identified as one-to-many in the first version of the 2014 HMIS Logical Model.

DE#	Name	Type	List	Null	Notes
	CoCCode	S6			Must match a <i>CoCCode</i> in ProjectCoC.csv for the same <i>ProjectID</i>
2.7.1	InformationDate	D			
2.7.2	HouseholdType	I	2.7.2		
2.7.3	BedType	I	2.7.3	Y	Null unless Project.csv <i>ProjectType</i> = 1
2.7.4	Availability	I	2.7.4		Null unless Project.csv <i>ProjectType</i> = 1
2.7.5	UnitInventory	I			
2.7.5	BedInventory	I			
2.7.A	CHBedInventory	I		Y	
2.7.A	VetBedInventory	I		Y	
2.7.A	YouthBedInventory	I		Y	
2.7.B	YouthAgeGroup	I	2.7.B	Y	
2.7.6	InventoryStartDate	D		Y	
2.7.7	InventoryEndDate	D		Y	
2.7.8	HMISParticipatingBeds	I			
	DateCreated	T			
	DateUpdated	T			
	UserID	S32			
	DateDeleted	T		Y	
	ExportID	S32			Must match the <i>ExportID</i> in Export.csv

Site.csv

Site.csv includes data from **2.8 Site Information**.

For each record in Site.csv, values for *ProjectID* and *CoCCode* must match a single record in ProjectCoC.csv.

DE#	Name	Type	List	Null	Notes
	SiteID	S32			Unique identifier
	ProjectID	S32			Must match a <i>ProjectID</i> in ProjectCoC.csv
	CoCCode	S6			Must match a <i>CoCCode</i> in ProjectCoC.csv for the same <i>ProjectID</i>
2.8.1	PrincipalSite	I	1.7		
2.8.A	Geocode ⁴	S6			Limited to six digits <code>^[0-9]{6}\$</code>
2.8.2	Address	S100		Y	
2.8.3	City	S50		Y	
2.8.4	State	S2		Y	Limited to two letters ⁵ <code>^[a-zA-Z]{2}\$</code>

⁴ Note that *Geocode* and *ZIP* both have a data type of string and must be exported as such / padded with double-quotes so that leading zeroes are not omitted. If ZIP codes are collected with a four digit suffix, only the first five digits should be exported.

DE#	Name	Type	List	Null	Notes
2.8.5	ZIP	S5		Y	Limited to five digits ^[0-9]{5}\$
	DateCreated	T			
	DateUpdated	T			
	UserID	S32			
	DateDeleted	T		Y	
	ExportID	S32			Must match the <i>ExportID</i> in Export.csv

Affiliation.csv

Affiliation.csv includes information from **2.4 Project Type** about associations between projects with a project type of 6 (Services Only) and lodging projects.

DE#	Name	Type	List	Null	Notes
	AffiliationID	S32			Unique identifier
	ProjectID	S32			Must match a <i>ProjectID</i> in Project.csv where <i>ProjectType</i> = 6
2.4.B	ResProjectID	S32			Must match a record in Project.csv where <i>ProjectType</i> =2, 3, 8, 10, or 13
	DateCreated	T			
	DateUpdated	T			
	UserID	S32			
	DateDeleted	T		Y	
	ExportID	S			Must match the <i>ExportID</i> in Export.csv

Client File

The Client file includes data for which there is one and only one value for each client record.

Client.csv

The unique identifier for Client.csv is **3.13 PersonalID** (*PersonalID*), which is used to associate data in other CSV files with a specific person.

Other data elements included in Client.csv are:

- **3.1 Name**
- **3.2 Social Security Number**
- **3.3 Date of Birth**
- **3.4 Race**
- **3.5 Ethnicity**
- **3.6 Gender**

⁵ A complete list of valid US states, territories, and military duty areas is available at <https://www.usps.com/send/official-abbreviations.htm>.

- **3.7 Veteran Status**
- **4.41 Veteran Information**

For each *PersonalID* in Enrollment.csv, there must be one and only one record in Client.csv. Client.csv should not include records for any *PersonalID* that does not have at least one record in Enrollment.csv.

While the HMIS Data Standards require metadata for each individual data element, the HMIS CSV includes only a single set of metadata for the client record as a whole.

- *DateCreated* should be the earliest *DateCreated* associated with the *PersonalID* for any of the included data elements.
- *DateUpdated* should be the latest *DateUpdated* associated with the *PersonalID* for any of the included data elements.
- *UserID* should be the *UserID* associated with the record with the latest *DateUpdated* for any of the included data elements.

DE#	Name	Type	List	Null	Notes
3.13.1	PersonalID	S32			Unique identifier
3.1.1	FirstName	S50		Y	If <i>HashStatus</i> in Export.csv = 2, Type = S40. (See additional notes under SHA-1 RHY)
3.1.2	MiddleName	S50		Y	If <i>HashStatus</i> in Export.csv = 2, Type = S40.
3.1.3	LastName	S50		Y	If <i>HashStatus</i> in Export.csv = 2, Type = S40.
3.1.4	NameSuffix	S50		Y	
3.1.5	NameDataQuality	I	3.1.5		
3.2.1	SSN ⁶	S9		Y	If <i>HashStatus</i> in Export.csv = 2, Type = S44. The letter x is the only permissible non-numeric character and should be used to indicate the position of omitted digits <code>^[0-9xX]{9}\$⁷</code>
3.2.2	SSNDataQuality	I	3.2.2		
3.3.1	DOB	D		Y	
3.3.2	DOBDataQuality	I	3.3.2		
3.4.1	AmIndAKNative	I	1.7		1 = American Indian or Alaska Native
3.4.1	Asian	I	1.7		1 = Asian
3.4.1	BlackAfAmerican	I	1.7		1 = Black or African American
3.4.1	NativeHIOtherPacific	I	1.7		1 = Native Hawaiian or Other Pacific Islander
3.4.1	White	I	1.7		1 = White
3.4.1	RaceNone	I	1.6	Y	Non-null only if all other race fields = 0 or 99
3.5.1	Ethnicity	I	3.5.1		

⁶ SSN is a string field; values MUST be enclosed in double-quotes so that leading zeroes are not omitted.

⁷ Although this regular expression allows for the use of either a lower- or upper-case 'x' for unhashed exports, a RHY export specifically requires that missing digits be replaced with a lower-case 'x' prior to hashing.

DE#	Name	Type	List	Null	Notes
3.6.1	Gender	I	3.6.1		
3.7.1	VeteranStatus	I	1.8		Export 99 (Data not collected) for all clients, including minors, for whom there is no Veteran Status data.
4.41.1	YearEnteredService	I		Y	Values between 1920 and the current year ^19[2-9]/d 20[0-1]/d\$ ⁸
4.41.2	YearSeparated	I		Y	Values between 1920 and the current year ^19[2-9]/d 20[0-1]/d\$
4.41.3	WorldWarII	I	1.8	Y	
4.41.4	KoreanWar	I	1.8	Y	
4.41.5	VietnamWar	I	1.8	Y	
4.41.6	DesertStorm	I	1.8	Y	
4.41.7	AfghanistanOEF	I	1.8	Y	
4.41.8	IraqOIF	I	1.8	Y	
4.41.9	IraqOND	I	1.8	Y	
4.41.10	OtherTheater	I	1.8	Y	
4.41.11	MilitaryBranch	I	4.41.11	Y	
4.41.12	DischargeStatus	I	4.41.12	Y	
	DateCreated	T			
	DateUpdated	T			
	UserID	S32			
	DateDeleted	T		Y	
	ExportID	S32			Must match the <i>ExportID</i> in Export.csv

Enrollment Files

An enrollment is the period in which a person is considered a client of a project. An enrollment begins on the date specified in **3.10 Project Entry Date** and ends on the date specified in **3.11 Project Exit Date**. Both are universal data elements required for all clients of all projects participating in an HMIS, regardless of project type or funder.

As defined by the HMIS Data Dictionary, all of the data elements in these files must be associated with **5.6 Project Entry ID** metadata. While an HMIS application may permit users to create records for some of these data elements without associating the records with a specific project entry ID, these data would fall outside of the scope of data collection defined by HUD, HHS, and VA in the data standards.

Enrollment.csv is the core for all enrollment data; the *ProjectEntryID* in Enrollment.csv is used in all other enrollment-related files to link records to a specific enrollment. *PersonID* is also repeated in each of the enrollment-related files.

⁸ This regular expression will validate for any year between 1920 and 2019; data quality checks in import processes may flag future dates as errors.

Files that include a data collection stage should have no more than one record per *ProjectEntryID* with a *DataCollectionStage* of 1 (project entry) or 3 (project exit). There may be multiple records for the same *ProjectEntryID* where the data collection stage is 2 (project update) or 5 (annual assessment).

Enrollment.csv

The unique identifier for Enrollment.csv is **5.6 Project Entry ID** (ProjectEntryID), which is used to associate data in other CSV files with a specific enrollment.

Data elements included in Enrollment.csv have one and only one value per enrollment and are collected prior to project exit:

- **3.8 Disabling Condition**
- **3.917 Living Situation**
- **3.10 Project Entry Date**
- **3.14 Household ID**
- **3.15 Relationship to Head of Household**
- **4.1 Housing Status**
- **4.13 Date of Engagement**
- **4.17 Residential Move-In Date**
- **4.20 PATH Status**
- **4.40 Worst Housing Situation**
- **4.42 Percent of AMI**
- **4.43 Last Permanent Address**
- **4.22 RHY-BCP Status**
- **4.23 Sexual Orientation**
- **4.31 Formerly a Ward of Child Welfare / Foster Care Agency**
- **4.32 Formerly a Ward of Juvenile Justice System**
- **4.33 Young Person's Critical Issues**
- **4.34 Referral Source**
- **4.35 A Commercial Sexual Exploitation**
- **4.35 B Commercial Labor Exploitation**
- **4.45 VAMC Station Number**
- **4.48 SSVF HP Targeting Criteria**
- **4.49 Use of Other Crisis Services**

While the HMIS Data Standards require metadata for each individual data element, the HMIS CSV includes only a single set of metadata for the data elements included in Enrollment.csv.

- *ProjectID* and *ProjectEntryID* should be the metadata values associated with **3.10 Project Entry Date**; other fields should be populated using data associated with the same *ProjectEntryID*.
- *EntryDate* is considered the information date for the other fields in Enrollment.csv with the exception of the following data elements:
 - **4.13 Date of Engagement** - *DateOfEngagement*
 - **4.17 Residential Move-In Date** - *ResidentialMoveInDate*
 - **4.20 PATH Status** - *DateOfPATHStatus*

- **4.22 RHY-BCP Status - DateOfBCPStatus**
- *DateCreated* should be the *DateCreated* associated with **3.10 Project Entry Date** for the same *ProjectEntryID*.
- *DateUpdated* should be the latest *DateUpdated* associated with any of the included data elements for the same *ProjectEntryID*.
- *UserID* should be the *UserID* associated with the record with the latest *DateUpdated* for any of the included data elements.

Because each record in Enrollment.csv corresponds to data elements where only one value per enrollment is required, there may be no more than one record for any *PersonalID* with the same *ProjectEntryID*. If there is more than one record for the same *PersonalID* with the same *ProjectEntryID*, this represents an error in the CSV export algorithm. If there is more than one record for the same *PersonalID* with the same *EntryDate* but with different *ProjectEntryIDs*, this is allowable but may represent an error in data entry (same record typed in twice) or error in CSV export algorithm.

The HMIS Data Dictionary requires identification of one and only one individual for whom *RelationshipToHoH* is 'Self (head of household)' for each project entry. Receiving systems may reject a data set in whole or in part if data are not consistent with this requirement.

DE#	Name	Type	List	Null	Notes
5.6	ProjectEntryID	S32			Unique identifier
	PersonalID	S32			
	ProjectID	S32			Must match a <i>ProjectID</i> in Project.csv
3.10.1	EntryDate	D			
3.14.1	HouseholdID	S32			
3.15.1	RelationshipToHoH	I	3.15.1		
3.917.1	ResidencePrior	I	3.917.1	Y	
3.917.2	ResidencePriorLengthOfStay	I	3.917.2	Y	
3.917.2A & 2B	LOSUnderThreshold	I	1.7	Y	
3.917.2C	PreviousStreetESSH	I	1.7	Y	
3.917.3	DateToStreetESSH	D		Y	
3.917.4	TimesHomelessPastThreeYears	I	3.917.4	Y	
3.917.5	MonthsHomelessPastThreeYears	I	3.917.5	Y	Null unless <i>TimesHomelessPastThreeYears</i> between 1 and 4
3.8	DisablingCondition	I	1.8		Export 99 (Data not collected) for any project entry where there is no response.
4.1.1	HousingStatus	I	4.1.1	Y	
4.13.1	DateOfEngagement	D		Y	
4.17.1	ResidentialMoveInDate	D		Y	
4.20.1	DateOfPATHStatus	D		Y	
4.20.2	ClientEnrolledInPATH	I	1.7	Y	

DE#	Name	Type	List	Null	Notes
4.20.A	ReasonNotEnrolled	I	4.20.A	Y	Null unless 4.20.2 = 0
4.40.1	WorstHousingSituation	I	1.8	Y	
4.42.1	PercentAMI	I	4.42.1	Y	
4.43.1	LastPermanentStreet	S100		Y	
4.43.2	LastPermanentCity	S50		Y	
4.43.3	LastPermanentState	S2		Y	<code>^[a-zA-Z]{2}\$</code>
4.43.4	LastPermanentZIP ⁹	S5		Y	Must be 5 digits or null; do not export partial ZIP codes <code>^[0-9]{5}\$</code>
4.43.5	AddressDataQuality	I	4.43.5	Y	
4.22.2	DateOfBCPStatus	D		Y	
4.22.2	FYSBYouth	I	1.7	Y	
4.22.A	ReasonNoServices	I	4.22.A	Y	Null unless 4.22.2 = 0
4.23.1	SexualOrientation	I	4.23.1	Y	
4.31.1	FormerWardChildWelfare	I	1.8	Y	
4.31.A	ChildWelfareYears	I	4.31.A	Y	
4.31.B	ChildWelfareMonths	I		Y	
4.32.1	FormerWardJuvenileJustice	I	1.8	Y	
4.32.A	JuvenileJusticeYears	I	4.31.A	Y	
4.32.B	JuvenileJusticeMonths	I		Y	
4.33.1	HouseholdDynamics	I	1.7	Y	
4.33.2	SexualOrientationGenderIDYouth	I	1.7	Y	
4.33.3	SexualOrientationGenderIDFam	I	1.7	Y	
4.33.4	HousingIssuesYouth	I	1.7	Y	
4.33.5	HousingIssuesFam	I	1.7	Y	
4.33.6	SchoolEducationalIssuesYouth	I	1.7	Y	
4.33.7	SchoolEducationalIssuesFam	I	1.7	Y	
4.33.8	UnemploymentYouth	I	1.7	Y	
4.33.9	UnemploymentFam	I	1.7	Y	
4.33.10	MentalHealthIssuesYouth	I	1.7	Y	
4.33.11	MentalHealthIssuesFam	I	1.7	Y	
4.33.12	HealthIssuesYouth	I	1.7	Y	
4.33.13	HealthIssuesFam	I	1.7	Y	
4.33.14	PhysicalDisabilityYouth	I	1.7	Y	
4.33.15	PhysicalDisabilityFam	I	1.7	Y	
4.33.16	MentalDisabilityYouth	I	1.7	Y	
4.33.17	MentalDisabilityFam	I	1.7	Y	
4.33.18	AbuseAndNeglectYouth	I	1.7	Y	
4.33.19	AbuseAndNeglectFam	I	1.7	Y	
4.33.20	AlcoholDrugAbuseYouth	I	1.7	Y	
4.33.21	AlcoholDrugAbuseFam	I	1.7	Y	

⁹ LastPermanentZIP is a string field; values MUST be padded with double-quotes so that leading zeroes are not omitted.

DE#	Name	Type	List	Null	Notes
4.33.22	InsufficientIncome	I	1.7	Y	
4.33.23	ActiveMilitaryParent	I	1.7	Y	
4.33.24	IncarceratedParent	I	1.7	Y	
4.33.A	IncarceratedParentStatus	I	4.33.A	Y	
4.34.1	ReferralSource	I	4.34.1	Y	
4.34.A	CountOutreachReferralApproaches	I		Y	
4.35A.1	ExchangeForSex	I	1.8	Y	
4.35A.A	ExchangeForSexPastThreeMonths	I	1.8	Y	Null unless 4.35A.1 = 1
4.35A.B	CountOfExchangeForSex	I	4.35.A	Y	Null unless 4.35A.1 = 1
4.35A.C	AskedOrForcedToExchangeForSex	I	1.8	Y	Null unless 4.35A.1 = 1
4.35A.D	AskedOrForcedToExchangeForSexPastThreeMonths	I	1.8	Y	Null unless 4.35A.C = 1
4.35B.1	WorkPlaceViolenceThreats	I	1.8	Y	
4.35B.2	WorkplacePromiseDifference	I	1.8	Y	
4.35B.A	CoercedToContinueWork	I	1.8	Y	Null unless 4.35B.1 or 4.35B.2 = 1
4.35B.B	LaborExploitPastThreeMonths	I	1.8	Y	Null unless 4.35B.1 or 4.35B.2 = 1
4.48.1	UrgentReferral	I	4.48.1	Y	
4.48.2	TimeToHousingLoss	I	4.48.2	Y	
4.48.3	ZeroIncome	I	4.48.1	Y	
4.48.4	AnnualPercentAMI	I	4.48.4	Y	
4.48.5	FinancialChange	I	4.48.1	Y	
4.48.6	HouseholdChange	I	4.48.1	Y	
4.48.7	EvictionHistory	I	4.48.7	Y	
4.48.8	SubsidyAtRisk	I	4.48.1	Y	
4.48.9	LiteralHomelessHistory	I	4.48.9	Y	
4.48.10	DisabledHoH	I	4.48.1	Y	
4.48.11	CriminalRecord	I	4.48.1	Y	
4.48.12	SexOffender	I	4.48.1	Y	
4.48.13	DependentUnder6	I	4.48.1	Y	
4.48.14	SingleParent	I	4.48.1	Y	
4.48.15	HH5Plus	I	4.48.1	Y	
4.48.16	IraqAfghanistan	I	4.48.1	Y	
4.48.17	FemVet	I	4.48.1	Y	
4.48.20	HPScreeningScore	I		Y	
4.48.21	ThresholdScore	I		Y	
4.45.1	VAMCStation	S8		Y	
4.49.1	ERVisits	I	4.49.1	Y	
4.49.2	JailNights	I	4.49.1	Y	
4.49.3	HospitalNights	I	4.49.1	Y	
	DateCreated	T			
	DateUpdated	T			
	UserID	S32			
	DateDeleted	T		Y	
	ExportID	S32			Must match <i>ExportID</i> in Export.csv

EnrollmentCoC.csv

EnrollmentCoC.csv includes data from data element **3.17 Client Location**.

There must be one and only one record in EnrollmentCoC with a *DataCollectionStage* of 1 for each *ProjectEntryID* in Enrollment.csv where *RelationshipToHoH* is equal to 1. Additionally, there must be one and only one record in Enrollment.csv with a *DataCollectionStage* of 1 for each *HouseholdID* in Enrollment.csv. ¹⁰

There may be one or more additional records with a *DataCollectionStage* of 2 in the event that a household relocates to a different CoC during an enrollment.

Not all export types require ProjectCoC.csv; for exports that include ProjectCoC.csv, both the *ProjectID* and *CoCCode* in EnrollmentCoC.csv must match a single record in ProjectCoC.csv.

DE#	Name	Type	List	Null	Notes
	EnrollmentCoCID	S32			Unique identifier
	ProjectEntryID	S32			
	HouseholdID	S32			
	ProjectID	S32			Must match <i>ProjectID</i> in ProjectCoC.csv
	PersonalID	S32			
3.16.1	InformationDate	D			
3.16.2	CoCCode	S6			Must match a record in ProjectCoC.csv with the same <i>ProjectID</i> <code>^[A-Za-z]{2}-(0-9){3}\$</code>
	DataCollectionStage	I	5.3.1		
	DateCreated	T			
	DateUpdated	T			
	UserID	S32			
	DateDeleted	T		Y	
	ExportID	S32			Must match <i>ExportID</i> in Export.csv

Exit.csv

Exit.csv includes data from:

- **3.11 Project Exit Date**
- **3.12 Destination**
- **4.18 Housing Assessment Disposition**
- **4.19 Housing Assessment at Exit**
- **4.21 Connection with SOAR**
- **4.36 Transitional, Exit-care, or Aftercare Plans and Actions**
- **4.37 Project Completion Status**
- **4.38 Family Reunification Achieved**

¹⁰ The HMIS Data Standards require a unique *Household ID* and identification of a single head of household per enrollment.

These data are not included in Enrollment.csv in order to preserve metadata such that it is possible to evaluate the timeliness of data entry for exit information.

There may be no more than one record in Exit.csv for any *ProjectEntryID*.

ExitID is the unique identifier for Exit.csv. The *ExitID* may be the unique identifier associated with *Project Exit Date* in the exporting database or it may be the same as the *ProjectEntryID*.

While the HMIS Data Standards require metadata for each individual data element, the HMIS CSV includes only a single set of metadata for the data elements included in the file.

- *DateCreated* should be the *DateCreated* associated with **3.11 Project Exit Date**.
- *ExitDate* is considered the information date for all fields in Exit.csv.
- *DateUpdated* should be the latest *DateUpdated* associated with any of the included data elements for the same *ProjectEntryID*.
- *UserID* should be the *UserID* associated with the record with the latest *DateUpdated* associated with any of the included data elements for the same *ProjectEntryID*.

DE#	Name	Type	List	Null	Notes
	ExitID	S32			Unique identifier
	ProjectEntryID	S32			
	PersonalID	S32			
3.11.1	ExitDate	D			
3.12.1	Destination	I	3.12.1	N	
3.12.A	OtherDestination	S50		Y	Null unless <i>Destination</i> = 17
4.18.1	AssessmentDisposition	I	4.18.1	Y	
4.18.A	OtherDisposition	S50		Y	Null unless <i>AssesmentDisposition</i> = 14
4.19.1	HousingAssessment	I	4.19.1	Y	
4.19.*	SubsidyInformation	I	4.19.A	Y	Includes data for 4.19.A and 4.19.B.
4.21.1	ConnectionWithSOAR	I	1.8	Y	
4.36.1	WrittenAftercarePlan	I	4.36.1	Y	
4.36.2	AssistanceMainstreamBenefits	I	4.36.1	Y	
4.36.3	PermanentHousingPlacement	I	4.36.1	Y	
4.36.4	TemporaryShelterPlacement	I	4.36.1	Y	
4.36.5	ExitCounseling	I	4.36.1	Y	
4.36.6	FurtherFollowUpServices	I	4.36.1	Y	
4.36.7	ScheduledFollowUpContacts	I	4.36.1	Y	
4.36.8	ResourcePackage	I	4.36.1	Y	
4.36.9	OtherAftercarePlanOrAction	I	4.36.1	Y	
4.37.1	ProjectCompletionStatus	I	4.37.1	Y	
4.37.*	EarlyExitReason	I	(see note)	Y	Includes data for 4.37.A and 4.37.B. <i>ProjectCompletionStatus</i> : •2 - 4.37.A •3 - 4.37.B

DE#	Name	Type	List	Null	Notes
4.38.1	FamilyReunificationAchieved	I	1.8	Y	
	DateCreated	T			
	DateUpdated	T			
	UserID	S32			
	DateDeleted	T		Y	
	ExportID	S32			Must match <i>ExportID</i> in Export.csv

IncomeBenefits.csv

IncomeBenefits.csv includes data from data elements

- **4.2 Income and Sources**
- **4.3 Non-Cash Benefits**
- **4.4 Health Insurance**
- **4.39 Medical Assistance**

This file may include:

- No more than one record per *ProjectEntryID* with a *DataCollectionStage* of 1 (entry). The *InformationDate* should match the entry date.
- No more than one record per *ProjectEntryID* with a *DataCollectionStage* of 3 (exit). The *InformationDate* should match the exit date.
- Multiple records per *ProjectEntryID* with a *DataCollectionStage* of 2 (update) or 5 (annual assessment¹¹).

Data for individual data elements that share the same data collection stage and information date should be combined into a single record in which:

- *IncomeBenefitsID* is the lowest value associated with any of the included data elements in the exporting database.
- *DateCreated* is the earliest *DateCreated* associated with the included data elements for the given *InformationDate* and *DataCollectionStage*.
- *DateUpdated* is the latest *DateUpdated* associated with the included data elements for the given *InformationDate* and *DataCollectionStage*.
- *UserID* is the *UserID* associated with the record with the latest *DateUpdated* for the included data elements.
- Fields associated with data elements for which there is no data with the same data collection stage and information date are left null.

DE#	Name	Type	List	Null	Notes
	IncomeBenefitsID	S32			Unique identifier
	ProjectEntryID	S32			

¹¹ Records for 4.39 Medical Assistance with a data collection stage of 2 may be combined with records for data elements 4.2, 4.3, and 4.4 with a data collection stage of 5 as long as the information date is the same. The *DataCollectionStage* for the exported record should be 5.

DE#	Name	Type	List	Null	Notes
	PersonalID	S32			
4.*	InformationDate	D			
4.2.2	IncomeFromAnySource	I	1.8	Y	
4.2.18	TotalMonthlyIncome	M+		Y	
4.2.3	Earned	I	1.7	Y	
4.2.A	EarnedAmount	M+		Y	
4.2.4	Unemployment	I	1.7	Y	
4.2.B	UnemploymentAmount	M+		Y	
4.2.5	SSI	I	1.7	Y	
4.2.C	SSIAmount	M+		Y	
4.2.6	SSDI	I	1.7	Y	
4.2.D	SSDIAmount	M+		Y	
4.2.7	VADisabilityService	I	1.7	Y	
4.2.E	VADisabilityServiceAmount	M+		Y	
4.2.8	VADisabilityNonService	I	1.7	Y	
4.2.F	VADisabilityNonServiceAmount	M+		Y	
4.2.9	PrivateDisability	I	1.7	Y	
4.2.G	PrivateDisabilityAmount	M+		Y	
4.2.10	WorkersComp	I	1.7	Y	
4.2.H	WorkersCompAmount	M+		Y	
4.2.11	TANF	I	1.7	Y	
4.2.I	TANFAmount	M+		Y	
4.2.12	GA	I	1.7	Y	
4.2.J	GAAmount	M+		Y	
4.2.13	SocSecRetirement	I	1.7	Y	
4.2.K	SocSecRetirementAmount	M+		Y	
4.2.14	Pension	I	1.7	Y	
4.2.L	PensionAmount	M+		Y	
4.2.15	ChildSupport	I	1.7	Y	
4.2.M	ChildSupportAmount	M+		Y	
4.2.16	Alimony	I	1.7	Y	
4.2.N	AlimonyAmount	M+		Y	
4.2.17	OtherIncomeSource	I	1.7	Y	
4.2.O	OtherIncomeAmount	M+		Y	
4.2.P	OtherIncomeSourceIdentify	S50		Y	Null unless 4.2.17 = 1
4.3.2	BenefitsFromAnySource	I	1.8	Y	
4.3.3	SNAP	I	1.7	Y	
4.3.4	WIC	I	1.7	Y	
4.3.5	TANFChildCare	I	1.7	Y	
4.3.6	TANFTransportation	I	1.7	Y	
4.3.7	OtherTANF	I	1.7	Y	
4.3.8	RentalAssistanceOngoing	I	1.7	Y	
4.3.10	RentalAssistanceTemp	I	1.7	Y	
4.3.9	OtherBenefitsSource	I	1.7	Y	
4.3.9A	OtherBenefitsSourceIdentify	S50		Y	Null unless 4.3.9 = 1

DE#	Name	Type	List	Null	Notes
4.4.2	InsuranceFromAnySource	I	1.8	Y	
4.4.3	Medicaid	I	1.7	Y	
4.4.3A	NoMedicaidReason	I	4.4.A	Y	Null unless 4.4.3 = 0
4.4.4	Medicare	I	1.7	Y	
4.4.4A	NoMedicareReason	I	4.4.A	Y	Null unless 4.4.4 = 0
4.4.5	SCHIP	I	1.7	Y	
4.4.5A	NoSCHIPReason	I	4.4.A	Y	Null unless 4.4.5 = 0
4.4.6	VAMedicalServices	I	1.7	Y	
4.4.6A	NoVAMedReason	I	4.4.A	Y	Null unless 4.4.6 = 0
4.4.7	EmployerProvided	I	1.7	Y	
4.4.7A	NoEmployerProvidedReason	I	4.4.A	Y	Null unless 4.4.7 = 0
4.4.8	COBRA	I	1.7	Y	
4.4.8A	NoCOBRARReason	I	4.4.A	Y	Null unless 4.4.8 = 0
4.4.9	PrivatePay	I	1.7	Y	
4.4.9A	NoPrivatePayReason	I	4.4.A	Y	Null unless 4.4.9 = 0
4.4.10	StateHealthIns	I	1.7	Y	
4.4.10A	NoStateHealthInsReason	I	4.4.A	Y	Null unless 4.4.10 = 0
4.4.11	IndianHealthServices	I	1.7	Y	
4.4.11A	NoIndianHealthServicesReason	I	4.4.A	Y	Null unless 4.4.11 = 0
4.4.12	OtherInsurance	I	1.7	Y	
4.4.12A	OtherInsuranceIdentify	S50	4.4.A	Y	Null unless 4.4.12 = 1
4.39.2	HIVAIDSAssistance	I	1.8	Y	
4.39.A	NoHIVAIDSAssistanceReason	I	4.39	Y	Null unless 4.39.2 = 0
4.39.3	ADAP	I	1.8	Y	
4.39.B	NoADAPReason	I	4.39	Y	Null unless 4.39.3 = 0
	DataCollectionStage	I	5.3.1		
	DateCreated	T			
	DateUpdated	T			
	UserID	S32			
	DateDeleted	T		Y	
	ExportID	S32			Must match <i>ExportID</i> in Export.csv

HealthAndDV.csv

HealthAndDV.csv includes data elements:

- **4.11 Domestic Violence**
- **4.27 General Health Status**
- **4.28 Dental Health Status**
- **4.29 Mental Health Status**
- **4.30 Pregnancy Status**

For each *ProjectEntryID* this file may include:

- No more than one record per *ProjectEntryID* with a *DataCollectionStage* of 1 (entry). The *InformationDate* should match the entry date.

- No more than one record per *ProjectEntryID* with a *DataCollectionStage* of 3 (exit). The *InformationDate* should match the exit date.
- Multiple records per *ProjectEntryID* with a *DataCollectionStage* of 2 (update).

Data for individual data elements that share the same data collection stage and information date should be combined into a single record in which:

- *HealthAndDVID* is the lowest value associated with any of the included data elements in the exporting database.
- *DateCreated* is the earliest *DateCreated* associated with the included data elements for the given *InformationDate* and *DataCollectionStage*.
- *DateUpdated* should be the latest *DateUpdated* associated with the included data elements for the given *InformationDate* and *DataCollectionStage*.
- *UserID* should be the *UserID* associated with the record with the latest *DateUpdated* for the included data elements.
- Fields associated with data elements for which there is no data with the same data collection stage and information date are left null.

DE#	Name	Type	List	Null	Notes
	HealthAndDVID	S32			Unique identifier
	ProjectEntryID	S32			
	PersonalID	S32			
4.*	InformationDate	D			
4.11.2	DomesticViolenceVictim	I	1.8	Y	
4.11.A	WhenOccurred	I	4.11.A	Y	Null unless 4.11.2 = 1
4.11.B	CurrentlyFleeing	I	1.8	Y	Null unless 4.11.2 = 1
4.27.1	GeneralHealthStatus	I	4.27.1	Y	
4.28.1	DentalHealthStatus	I	4.27.1	Y	
4.29.1	MentalHealthStatus	I	4.27.1	Y	
4.30.1	PregnancyStatus	I	1.8	Y	
4.30.A	DueDate	D		Y	Null unless 4.30.1 = 1
	DataCollectionStage	I	5.3.1		
	DateCreated	T			
	DateUpdated	T			
	UserID	S32			
	DateDeleted	T		Y	
	ExportID	S32			Must match <i>ExportID</i> in Export.csv

EmploymentEducation.csv

EmploymentEducation.csv includes data from data elements

- **4.24 Last Grade Completed**
- **4.25 School Status**
- **4.26 Employment Status**

This file may include:

- No more than one record per *ProjectEntryID* with a *DataCollectionStage* of 1 (entry). The *InformationDate* should match the entry date.
- No more than one record per *ProjectEntryID* with a *DataCollectionStage* of 3 (exit). The *InformationDate* should match the exit date.
- Multiple records per *ProjectEntryID* with a *DataCollectionStage* of 2 (update) or 5 (annual assessment).

Data for individual data elements that share the same data collection stage and information date should be combined into a single record in which:

- *EmploymentEducationID* is the lowest value associated with any of the included data elements in the exporting database.
- *DateCreated* is the earliest *DateCreated* associated with the included data elements for the given *InformationDate* and *DataCollectionStage*.
- *DateUpdated* should be the latest *DateUpdated* associated with the included data elements for the given *InformationDate* and *DataCollectionStage*.
- *UserID* should be the *UserID* associated with the record with the latest *DateUpdated* for the included data elements.
- Fields associated with data elements for which there is no data with the same data collection stage and information date are left null.

DE#	Name	Type	List	Null	Notes
	EmploymentEducationID	S32			Unique identifier
	ProjectEntryID	S32			
	PersonalID	S32			
4.*	InformationDate	D			
4.24.1	LastGradeCompleted	I	4.24.1	Y	
4.25.1	SchoolStatus	I	4.25.1	Y	
4.26.2	Employed	I	1.8	Y	
4.26.A	EmploymentType	I	4.26.A	Y	Null unless 4.26.2 = 1
4.26.B	NotEmployedReason	I	4.26.B	Y	Null unless 4.26.2 = 0
	DataCollectionStage	I	5.3.1		
	DateCreated	T			
	DateUpdated	T			
	UserID	S32			
	DateDeleted	T		Y	
	ExportID	S32			Must match record in Export.csv

Disabilities.csv

Disabilities.csv includes data for the following data elements:

- **4.5 Physical disability** (*DisabilityType* 5)
- **4.6 Developmental disability** (*DisabilityType* 6)
- **4.7 Chronic health condition** (*DisabilityType* 7)
- **4.8 HIV/AIDS** (*DisabilityType* 8)
- **4.9 Mental health problem** (*DisabilityType* 8)

- **4.10 Substance abuse** (*DisabilityType* 10)
- **4.47 T-Cell (CD4) and Viral Load**

The *DisabilityType* field is used to identify the data element for each record; values correspond to the second part of the data element number. For example, the *DisabilityType* for a **4.10 Substance Abuse** record is 10.

DisabilitiesID is the unique identifier for Disabilities.csv. In the event that data for multiple disabilities share the same unique identifier in the exporting database, append the first letter of the data element name (e.g., 'P' for Physical disability) to the identifier in order to ensure that they are unique as required in the exported file.

For each distinct *DisabilityType*, this file may include:

- No more than one record per *ProjectEntryID* with a *DataCollectionStage* of 1 (entry). The *InformationDate* should match the entry date.
- No more than one record per *ProjectEntryID* with a *DataCollectionStage* of 3 (exit). The *InformationDate* should match the exit date.
- Multiple records per *ProjectEntryID* with a *DataCollectionStage* of 2 (update) or 5 (annual assessment).

DE#	Name	Type	List	Null	Notes
	DisabilitiesID	S32			Unique identifier
	ProjectEntryID	S32			
	PersonalID	S32			
	InformationDate	D			
	DisabilityType	I	1.3		
	DisabilityResponse	I	(see note)		For <i>DisabilityType</i> <ul style="list-style-type: none"> • 10 (Substance abuse) – list 4.10.2 • Any other – list 1.8
	IndefiniteAndImpairs	I	1.8	Y	
	DocumentationOnFile	I	1.7	Y	
	ReceivingServices	I	1.8	Y	
	PATHHowConfirmed	I	4.9.D	Y	
	PATHSMIInformation	I	4.9.E	Y	
4.47.2	TCellCountAvailable	I	1.8	Y	Null unless <i>DisabilityType</i> = 8
4.47.A	TCellCount	I		Y	Null unless 4.47.2 = 1
4.47.B	TCellSource	I	4.47	Y	Null unless 4.47.A is not null
4.47.3	ViralLoadAvailable	I	4.47.3	Y	Null unless <i>DisabilityType</i> = 8
4.47.C	ViralLoad	I		Y	Null unless 4.47.3 = 1
4.47.D	ViralLoadSource	I	4.47	Y	Null unless 4.47.C is not null
	DataCollectionStage	I	5.3.1		
	DateCreated	T			
	DateUpdated	T			
	UserID	S32			
	DateDeleted	T		Y	

DE#	Name	Type	List	Null	Notes
	ExportID	S32			Must match <i>ExportID</i> in Export.csv

Services.csv

Services.csv includes data for the following data elements:

- **4.12 Contact** (*RecordType* 12)
- **4.14 A Services Provided – PATH** (*RecordType* 141)
- **4.14 B Services Provided – RHY** (*RecordType* 142)
- **4.14 C Services Provided – HOPWA** (*RecordType* 143)
- **4.14 D Services Provided – SSVF** (*RecordType* 144)
- **4.14 E Bed Night** (*RecordType* 200)
- **4.15 A Financial Assistance – HOPWA** (*RecordType* 151)
- **4.15 B Financial Assistance – SSVF** (*RecordType* 152)
- **4.16 A Referrals Provided – PATH** (*RecordType* 161)
- **4.16 B Referrals Provided – RHY** (*RecordType* 162)

This file may include a theoretically unlimited number of records per *ProjectEntryID*. The *DateProvided* is considered the information date for all records in this file.

The *RecordType* field is used to identify the data element for each record; values are in parentheses after each of the data elements listed above. For example, the *RecordType* for a PATH referral is 161.

ServicesID is the unique identifier for Services.csv. The structure is based on the data elements as they are defined in the HMIS Data Dictionary and assumes that each record in the exporting database includes one service. In the event that data for multiple services share the same unique identifier in the exporting database, the export process must ensure that the value in *ServicesID* is unique as required in the exported file.

When systems that permit multiple services per record are engaged in ongoing data exchange in which the export directive is ‘Delta,’ the exporting database must ensure that:

- a. Each separate service is associated with the same unique ID every time it is exported; and
- b. In the event that a user edits a record to delete one or more (but not all) previously transmitted services associated with the same unique ID in the exporting database, a record will be included in the export that reflects the deletion.

Records of bed nights should only be present for *ProjectEntryIDs* in emergency shelters that use the night-by-night method of tracking shelter utilization. For these shelters:

- There should be a record of a bed night with a *DateProvided* that corresponds to the *EntryDate* in Enrollment.csv.
- Any record of a bed night should have a *DateProvided* that is between the *EntryDate* and the day before the *ExitDate* (if there is one) for the *ProjectEntryID* in the Services.csv record.

DE#	Name	Type	List	Null	Notes
	ServicesID	S32			Unique identifier
	ProjectEntryID	S32			
	PersonalID	S32			
	DateProvided	D			
	RecordType	I	1.4		
	TypeProvided	I	(see note)		<p>For <i>RecordType</i></p> <ul style="list-style-type: none"> •12 – list 4.12.2 •141 – list 4.14.A •142 – list 4.14.B •143 – list 4.14.C •144 – list 4.14.D •151 – list 4.15.A •152 – list 4.15.B •161 – list 4.16.A •162 – list 4.16.B •200 – list 4.14E
	OtherTypeProvided	S50		Y	Null unless <i>RecordType</i> = 144 and <i>TypeProvided</i> = 6
	SubTypeProvided	I	(see note)	Y	<p>Null unless <i>RecordType</i> = 144 and <i>TypeProvided</i> = 3, 4, or 5.</p> <p>For <i>TypeProvided</i>:</p> <ul style="list-style-type: none"> •3 – list 4.14D3 •4 – list 4.14D4 •5 – list 4.14D5
	FAAmount	M		Y	Null unless <i>RecordType</i> = 151 or 152
	ReferralOutcome	I	4.16.A1	Y	Null unless <i>RecordType</i> = 161
	DateCreated	T			
	DateUpdated	T			
	UserID	S32			
	DateDeleted	T		Y	
	ExportID	S32			Must match <i>ExportID</i> in Export.csv

Appendix A - List of Data Elements and Associated CSV Files

Data Element	CSV File
2.1 Organization Identifiers	Organization.csv
2.2 Project Identifiers	Project.csv
2.3 Continuum of Care Code	ProjectCoC.csv
2.4 Project Type	Project.csv & Affiliation.csv
2.5 Method for Tracking Emergency Shelter Utilization	Project.csv
2.6 Federal Partner Funding Sources	Funder.csv
2.7 Bed and Unit Inventory Information	Inventory.csv
2.8 Site Information - Optional	Site.csv
2.9 Target Population – Optional	Project.csv
3.1 Name	Client.csv
3.2 Social Security Number	Client.csv
3.3 Date of Birth	Client.csv
3.4 Race	Client.csv
3.5 Ethnicity	Client.csv
3.6 Gender	Client.csv
3.7 Veteran Status	Client.csv
3.8 Disabling Condition	Enrollment.csv
3.917 Living Situation	Enrollment.csv
3.10 Project Entry Date	Enrollment.csv
3.11 Project Exit Date	Exit.csv
3.12 Destination	Exit.csv
3.13 Personal ID	Client.csv
3.14 Household ID	Enrollment.csv
3.15 Relationship to Head of Household	Enrollment.csv
3.16 Client Location	EnrollmentCoC.csv
4.1 Housing Status	Enrollment.csv
4.2 Income and Sources	IncomeBenefits.csv
4.3 Non-Cash Benefits	IncomeBenefits.csv
4.4 Health Insurance	IncomeBenefits.csv
4.5 Physical Disability	Disabilities.csv
4.6 Developmental Disability	Disabilities.csv
4.7 Chronic Health Condition	Disabilities.csv
4.8 HIV/AIDS	Disabilities.csv
4.9 Mental Health Problem	Disabilities.csv
4.10 Substance Abuse	Disabilities.csv
4.11 Domestic Violence	HealthAndDV.csv
4.12 Contact	Services.csv
4.13 Date of Engagement	Enrollment.csv
4.14 Services Provided	Services.csv

Data Element		CSV File
4.15	Financial Assistance Provided	Services.csv
4.16	Referrals Provided	Services.csv
4.17	Residential Move-In Date	Enrollment.csv
4.18	Housing Assessment Disposition	Exit.csv
4.19	Housing Assessment at Exit	Exit.csv
4.20	PATH Status	Enrollment.csv
4.21	Connection with SOAR	Exit.csv
4.22	RHY-BCP Status	Enrollment.csv
4.23	Sexual Orientation	Enrollment.csv
4.24	Last Grade Completed	EmploymentEducation.csv
4.25	School Status	EmploymentEducation.csv
4.26	Employment Status	EmploymentEducation.csv
4.27	General Health Status	HealthAndDV.csv
4.28	Dental Health Status	HealthAndDV.csv
4.29	Mental Health Status	HealthAndDV.csv
4.30	Pregnancy Status	HealthAndDV.csv
4.31	Formerly a Ward of Child Welfare/Foster Care Agency	Enrollment.csv
4.32	Formerly a Ward of Juvenile Justice System	Enrollment.csv
4.33	Young Person's Critical Issues	Enrollment.csv
4.34	Referral Source	Enrollment.csv
4.35A	Commercial Sexual Exploitation	Enrollment.csv
4.35B	Labor Exploitation	Enrollment.csv
4.36	Transitional, Exit-care, or Aftercare Plans and Actions	Exit.csv
4.37	Project Completion Status	Exit.csv
4.38	Family Reunification Achieved	Exit.csv
4.39	Medical Assistance	IncomeBenefits.csv
4.40	Worst Housing Situation	Enrollment.csv
4.41	Veteran's Information	Client.csv
4.42	Percent of AMI	Enrollment.csv
4.43	Last Permanent Address	Enrollment.csv
4.45	VAMC Station Code	Enrollment.csv
4.47	T-Cell (CD4) and Viral Load	Disabilities.csv
4.48	SSVF HP Targeting Criteria	Enrollment.csv
4.49	Use of Other Crisis Services	Enrollment.csv

Appendix B - Lists

Notes

These lists are included as a reference for values considered valid in the HMIS CSV and text ‘translations.’ As such, they are presented in order of the numeric export value; the order may differ from that shown in the HMIS Data Dictionary, which shows HUD’s preferred order in an HMIS user interface.

Aside from the order, the lists in this document should match the HMIS Data Dictionary, which is the definitive authority on HMIS data collection requirements. Except for the ‘Data not collected’ exception discussed in the following paragraph and in list 4.19.A, any difference between the Dictionary values and the values included here should be resolved in favor of the Dictionary. Discrepancies may be reported via [Ask A Question](#) on the HUD Exchange.

The HMIS Data Dictionary explicitly includes a ‘Data not collected’ response for most option list fields. In addition, the HMIS Data Dictionary (v5 page 9) requires that an HMIS must allow users to record ‘Data not collected’ in any field that forces a user to select a value in order to be able to “move forward in the system.” Consistent with that requirement, the lists in this document include 99 (Data not collected) as a valid value for some fields defined in the Universal and Program-Specific Data Elements even in cases where it was not specifically included in the HMIS Data Dictionary.

The ‘Data not collected’ option has not been included and is not considered valid in the HMIS CSV in instances where a record would not exist in the absence of a valid response. (For example, the list of PATH Services in list 4.14A does not include a ‘Data not collected’ response because a record of a service that does not identify the service is meaningless.)

1.1 ExportPeriodType

Value	Text
1	Updated
2	Effective
3	Reporting period
4	Other

1.2 ExportDirective

Value	Text
1	Delta refresh
2	Full refresh
3	Other

1.3 DisabilityType

Value	Text
5	Physical disability
6	Developmental disability
7	Chronic health condition

Value	Text
8	HIV/AIDS
9	Mental health problem
10	Substance abuse

1.4 RecordType

Value	Text	Corresponding DE#
12	Contact	4.12
141	PATH service	4.14 A
142	RHY service	4.14 B
143	HOPWA service	4.14 C
144	SSVF service	4.14 D
151	HOPWA financial assistance	4.15 A
152	SSVF financial assistance	4.15 B
161	PATH referral	4.16 A
162	RHY referral	4.16 B
200	Bed night	4.14 E

1.5 HashStatus

Value	Text
1	Unhashed
2	SHA-1 RHY
3	Hashed - other

1.6 RaceNone

Value	Text
8	Client doesn't know
9	Client refused
99	Data not collected

1.7 No/Yes/Missing

Value	Text
0	No
1	Yes
99	Data not collected*

1.8 No/Yes/Reasons for Missing Data

Value	Text
0	No
1	Yes
8	Client doesn't know
9	Client refused

Value	Text
99	Data not collected

1.9 SourceType

Value	Text
1	CoC HMIS
2	Standalone/agency-specific application
3	Data warehouse
4	Other

2.4.2 ProjectType

Value	Text
1	Emergency Shelter
2	Transitional Housing
3	PH - Permanent Supportive Housing
4	Street Outreach
6	Services Only
7	Other
8	Safe Haven
9	PH – Housing Only
10	PH – Housing with Services (no disability required for entry)
11	Day Shelter
12	Homelessness Prevention
13	PH - Rapid Re-Housing
14	Coordinated Assessment

2.5.1 TrackingMethod

Value	Text
0	Entry/Exit Date
3	Night-by-Night

2.6.1 FundingSource

Value	Text
1	HUD: CoC – Homelessness Prevention (High Performing Comm. Only)
2	HUD: CoC – Permanent Supportive Housing
3	HUD: CoC – Rapid Re-Housing
4	HUD: CoC – Supportive Services Only
5	HUD: CoC – Transitional Housing
6	HUD: CoC – Safe Haven
7	HUD: CoC – Single Room Occupancy (SRO)
8	HUD: ESG – Emergency Shelter (operating and/or essential services)
9	HUD: ESG – Homelessness Prevention
10	HUD: ESG – Rapid Rehousing
11	HUD: ESG – Street Outreach

Value	Text
12	HUD: Rural Housing Stability Assistance Program
13	HUD: HOPWA – Hotel/Motel Vouchers
14	HUD: HOPWA – Housing Information
15	HUD: HOPWA – Permanent Housing (facility based or TBRA)
16	HUD: HOPWA – Permanent Housing Placement
17	HUD: HOPWA – Short-Term Rent, Mortgage, Utility assistance
18	HUD: HOPWA – Short-Term Supportive Facility
19	HUD: HOPWA – Transitional Housing (facility based or TBRA)
20	HUD: HUD/VASH
21	HHS: PATH – Street Outreach & Supportive Services Only
22	HHS: RHY – Basic Center Program (prevention and shelter)
23	HHS: RHY – Maternity Group Home for Pregnant and Parenting Youth
24	HHS: RHY – Transitional Living Program
25	HHS: RHY – Street Outreach Project
26	HHS: RHY – Demonstration Project**
27	VA: Community Contract Emergency Housing
28	VA: Community Contract Residential Treatment Program***
29	VA: Domiciliary Care***
30	VA: Community Contract Safe Haven Program***
31	VA: Grant and Per Diem Program
32	VA: Compensated Work Therapy Transitional Residence***
33	VA: Supportive Services for Veteran Families
34	N/A

2.7.2 HouseholdType

Value	Text
1	Households without children
3	Households with at least one adult and one child
4	Households with only children

2.7.3 BedType

Value	Text
1	Facility-based
2	Voucher
3	Other

2.7.4 Availability

Value	Text
1	Year-round
2	Seasonal
3	Overflow

2.7.B YouthAgeGroup

Value	Text
1	Only under age 18
2	Only ages 18 to 24
3	Only youth under age 24 (both of the above)

2.9.1 TargetPopulation

Value	Text
1	Domestic violence victims
3	Persons with HIV/AIDS
4	Not applicable

3.1.5 NameDataQuality

Value	Text
1	Full name reported
2	Partial, street name, or code name reported
8	Client doesn't know
9	Client refused
99	Data not collected

3.2.2 SSNDataQuality

Value	Text
1	Full SSN reported
2	Approximate or partial SSN reported
8	Client doesn't know
9	Client refused
99	Data not collected

3.3.2 DOBDataQuality

Value	Text
1	Full DOB reported
2	Approximate or partial DOB reported
8	Client doesn't know
9	Client refused
99	Data not collected

3.5.1 Ethnicity

Value	Text
0	Non-Hispanic/Non-Latino
1	Hispanic/Latino
8	Client doesn't know
9	Client refused
99	Data not collected

3.6.1 Gender

Value	Text
0	Female
1	Male
2	Transgender male to female
3	Transgender female to male
4	Doesn't identify as male, female, or transgender
8	Client doesn't know
9	Client refused
99	Data not collected

3.917.1 Living Situation

Value	Text
1	Emergency shelter, including hotel or motel paid for with emergency shelter voucher
2	Transitional housing for homeless persons
3	Permanent housing for formerly homeless persons
4	Psychiatric hospital or other psychiatric facility
5	Substance abuse treatment facility or detox center
6	Hospital or other residential non-psychiatric medical facility
7	Jail, prison or juvenile detention facility
8	Client doesn't know
9	Client refused
12	Staying or living in a family member's room, apartment or house
13	Staying or living in a friend's room, apartment or house
14	Hotel or motel paid for without emergency shelter voucher
15	Foster care home or foster care group home
16	Place not meant for habitation
18	Safe Haven
19	Rental by client, with VASH subsidy
20	Rental by client, with other ongoing housing subsidy
21	Owned by client, with ongoing housing subsidy
22	Rental by client, no ongoing housing subsidy
23	Owned by client, no ongoing housing subsidy
24	Long-term care facility or nursing home
25	Rental by client, with GPD TIP subsidy
26	Residential project or halfway house with no homeless criteria
27	Interim housing
99	Data not collected

3.917.2 ResidencePriorLengthOfStay

Value	Text
2	One week or more, but less than one month
3	One month or more, but less than 90 days

Value	Text
4	90 days or more but less than one year
5	One year or longer
8	Client doesn't know
9	Client refused
10	One night or less
11	Two to six nights
99	Data not collected

3.917.4 TimesHomelessPastThreeYears

Value	Text
1	One time
2	Two times
3	Three times
4	Four or more times
8	Client doesn't know
9	Client refused
99	Data not collected

3.917.5 MonthsHomelessPastThreeYears

Value	Text
8	Client doesn't know
9	Client refused
99	Data not collected
101	1
102	2
103	3
104	4
105	5
106	6
107	7
108	8
109	9
110	10
111	11
112	12
113	More than 12 months

3.12.1 Destination

Value	Text
1	Emergency shelter, including hotel or motel paid for with emergency shelter voucher
2	Transitional housing for homeless persons (including homeless youth)
3	Permanent housing for formerly homeless persons (such as: CoC project; or HUD legacy programs; or HOPWA PH)

Value	Text
4	Psychiatric hospital or other psychiatric facility
5	Substance abuse treatment facility or detox center
6	Hospital or other residential non-psychiatric medical facility
7	Jail, prison or juvenile detention facility
8	Client doesn't know
9	Client refused
10	Rental by client, no ongoing housing subsidy
11	Owned by client, no ongoing housing subsidy
12	Staying or living with family, temporary tenure (e.g., room, apartment or house)
13	Staying or living with friends, temporary tenure (e.g., room apartment or house)
14	Hotel or motel paid for without emergency shelter voucher
15	Foster care home or foster care group home
16	Place not meant for habitation (e.g., a vehicle, an abandoned building, bus/train/subway station/airport or anywhere outside)
17	Other
18	Safe Haven
19	Rental by client, with VASH housing subsidy
20	Rental by client, with other ongoing housing subsidy
21	Owned by client, with ongoing housing subsidy
22	Staying or living with family, permanent tenure
23	Staying or living with friends, permanent tenure
24	Deceased
25	Long-term care facility or nursing home
26	Moved from one HOPWA funded project to HOPWA PH
27	Moved from one HOPWA funded project to HOPWA TH
28	Rental by client, with GPD TIP housing subsidy
29	Residential project or halfway house with no homeless criteria
30	No exit interview completed
99	Data not collected

3.15.1 RelationshipToHoH

Value	Text
1	Self (head of household)
2	Child
3	Spouse or partner
4	Other relative
5	Unrelated household member
99	Data not collected

4.1.1 HousingStatus

Value	Text
1	Category 1 - Homeless
2	Category 2 - At imminent risk of losing housing
3	At-risk of homelessness

Value	Text
4	Stably housed
5	Category 3 - Homeless only under other federal statutes
6	Category 4 - Fleeing domestic violence
8	Client doesn't know
9	Client refused
99	Data not collected

4.4.A ReasonNotInsured

Value	Text
1	Applied; decision pending
2	Applied; client not eligible
3	Client did not apply
4	Insurance type n/a for this client
8	Client doesn't know
9	Client refused
99	Data not collected

4.9.D PATHHowConfirmed

Value	Text
1	Unconfirmed; presumptive or self-report
2	Confirmed through assessment and clinical evaluation
3	Confirmed by prior evaluation or clinical records
99	Data not collected

4.9.E PATHSMIInformation

Value	Text
0	No
1	Unconfirmed; presumptive or self-report
2	Confirmed through assessment and clinical evaluation
3	Confirmed by prior evaluation or clinical records
8	Client doesn't know
9	Client refused
99	Data not collected

4.10.2 DisabilityResponse

Used in Disabilities.csv if DisabilityType = 10 (Substance Abuse).

Value	Text
0	No
1	Alcohol abuse
2	Drug abuse
3	Both alcohol and drug abuse
8	Client doesn't know
9	Client refused

Value	Text
99	Data not collected

4.11.A WhenDVOccurred

Value	Text
1	Within the past three months
2	Three to six months ago (excluding six months exactly)
3	Six months to one year ago (excluding one year exactly)
4	One year or more
8	Client doesn't know
9	Client refused
99	Data not collected

4.12.2 ContactLocation

Value	Text
1	Place not meant for habitation
2	Service setting, non-residential
3	Service setting, residential

4.14.A PATHServices

Used in Services.csv when RecordType = 141 (PATH service).

Value	Text
1	Re-engagement
2	Screening
3	Habilitation/rehabilitation
4	Community mental health
5	Substance use treatment
6	Case management
7	Residential supportive services
8	Housing minor renovation
9	Housing moving assistance
10	Housing eligibility determination
11	Security deposits
12	One-time rent for eviction prevention
14	Clinical assessment

4.14.B RHYServices

Used in Services.csv when RecordType = 142 (RHY service).

Value	Text
1	Basic support services
2	Community service/service learning (CSL)
3	Counseling/therapy
4	Dental care
5	Education

Value	Text
6	Employment and training services
7	Criminal justice /legal services
8	Life skills training
9	Parenting education for parent of youth
10	Parenting education for youth with children
11	Peer (youth) counseling
12	Post-natal care
13	Pre-natal care
14	Health/medical care
15	Psychological or psychiatric care
16	Recreational activities
17	Substance abuse assessment and/or treatment
18	Substance abuse prevention
19	Support group
20	Preventative – overnight interim, respite
21	Preventative – formal placement in an alternative setting outside of BCP
22	Preventative – entry into BCP after preventative services
23	Street outreach – health and hygiene products distributed
24	Street outreach – food and drink items
25	Street outreach – services information/brochures

4.14.C HOPWAServices

Used in Services.csv when RecordType = 143 (HOPWA service).

Value	Text
1	Adult day care and personal assistance
2	Case management
3	Child care
4	Criminal justice/legal services
5	Education
6	Employment and training services
7	Food/meals/nutritional services
8	Health/medical care
9	Life skills training
10	Mental health care/counseling
11	Outreach and/or engagement
12	Substance abuse services/treatment
13	Transportation
14	Other HOPWA funded service

4.14.D SSVFServices

Used in Services.csv when RecordType = 144 (SSVF service)

Value	Text
1	Outreach services
2	Case management services

Value	Text
3	Assistance obtaining VA benefits
4	Assistance obtaining/coordinating other public benefits
5	Direct provision of other public benefits
6	Other (non-TFA) supportive service approved by VA

4.14.D3 SSVFSubType3

Used in Services.csv when RecordType = 144 (SSVF service) and TypeProvided = 3.

Value	Text
1	VA vocational and rehabilitation counseling
2	Employment and training services
3	Educational assistance
4	Health care services

4.14.D4 SSVFSubType4

Used in Services.csv when RecordType = 144 (SSVF service) and TypeProvided = 4.

Value	Text
1	Health care services
2	Daily living services
3	Personal financial planning services
4	Transportation services
5	Income support services
6	Fiduciary and representative payee services
7	Legal services - child support
8	Legal services - eviction prevention
9	Legal services - outstanding fines and penalties
10	Legal services - restore / acquire driver's license
11	Legal services - other
12	Child care
13	Housing counseling

4.14.D5 SSVFSubType5

Used in Services.csv when RecordType = 144 (SSVF service) and TypeProvided = 5.

Value	Text
1	Personal financial planning services
2	Transportation services
3	Income support services
4	Fiduciary and representative payee services
5	Legal services - child support
6	Legal services - eviction prevention
7	Legal services - outstanding fines and penalties
8	Legal services - restore / acquire driver's license
9	Legal services - other
10	Child care

Value	Text
11	Housing counseling

4.15.A HOPWAFinancial Assistance

Used in Services.csv when RecordType = 151 (HOPWA financial assistance).

Value	Text
1	Rental assistance
2	Security deposits
3	Utility deposits
4	Utility payments
7	Mortgage assistance

4.14E BedNight

Value	Text
200	BedNight

4.15.B SSVFFinancial Assistance

Used in Services.csv when RecordType = 152 (SSVF financial assistance).

Value	Text
1	Rental assistance
2	Security deposit
3	Utility deposit
4	Utility fee payment assistance
5	Moving costs
8	Transportation services: tokens/vouchers
9	Transportation services: vehicle repair/maintenance
10	Child care
11	General housing stability assistance - emergency supplies
12	General housing stability assistance - other
14	Emergency housing assistance

4.16.A PATHReferral

Used in Services.csv when RecordType = 161 (PATH referral).

Value	Text
1	Community mental health
2	Substance use treatment
3	Primary health/dental care
4	Job training
5	Educational services
6	Housing services
7	Permanent housing
8	Income assistance
9	Employment assistance
10	Medical insurance

Value	Text
11	Temporary housing

4.16.B RHYReferral

Used in Services.csv when RecordType = 162 (RHY referral).

Value	Text
1	Child care non-TANF
2	Supplemental nutritional assistance program (food stamps)
3	Education - McKinney/Vento liaison assistance to remain in school
4	HUD section 8 or other permanent housing assistance
5	Individual development account
6	Medicaid
7	Mentoring program other than RHY agency
8	National service (Americorps, VISTA, Learn and Serve)
9	Non-residential substance abuse or mental health program
10	Other public - federal, state, or local program
11	Private non-profit charity or foundation support
12	SCHIP
13	SSI, SSDI, or other disability insurance
14	TANF or other welfare/non-disability income maintenance (all TANF services)
15	Unemployment insurance
16	WIC
17	Workforce development (WIA)

4.16.A1 PATHReferralOutcome

Value	Text
1	Attained
2	Not attained
3	Unknown

4.18.1 HousingAssessmentDisposition

Value	Text
1	Referred to emergency shelter/safe haven
2	Referred to transitional housing
3	Referred to rapid re-housing
4	Referred to permanent supportive housing
5	Referred to homelessness prevention
6	Referred to street outreach
7	Referred to other continuum project type
8	Referred to a homelessness diversion program
9	Unable to refer/accept within continuum; ineligible for continuum projects
10	Unable to refer/accept within continuum; continuum services unavailable
11	Referred to other community project (non-continuum)
12	Applicant declined referral/acceptance

Value	Text
13	Applicant terminated assessment prior to completion
14	Other/specify

4.19.1 HousingAssessmentAtExit

Value	Text
1	Able to maintain the housing they had at project entry
2	Moved to new housing unit
3	Moved in with family/friends on a temporary basis
4	Moved in with family/friends on a permanent basis
5	Moved to a transitional or temporary housing facility or program
6	Client became homeless – moving to a shelter or other place unfit for human habitation
7	Client went to jail/prison
8	Client doesn't know
9	Client refused
10	Client died
99	Data not collected

4.19.A SubsidyInformation

Values from 4.19.A are as listed in the HMIS Data Dictionary; values from 4.19.B are 10 higher. The validity of a value should be assessed in combination with the value of *HousingAssessmentAtExit*; valid *HousingAssessmentAtExit* values for each item are shown in the third column below.

Value	Text	HousingAssessmentAtExit Values
1	Without a subsidy	1
2	With the subsidy they had at project entry	1
3	With an on-going subsidy acquired since project entry	1
4	But only with other financial assistance	1
11	With on-going subsidy	2
12	Without an on-going subsidy	2

4.20.A ReasonNotEnrolled

Value	Text
1	Client was found ineligible for PATH
2	Client was not enrolled for other reason(s)

4.22.A ReasonNoServices

Value	Text
1	Out of age range
2	Ward of the state
3	Ward of the criminal justice system
4	Other

4.23.1 SexualOrientation

Value	Text
1	Heterosexual
2	Gay
3	Lesbian
4	Bisexual
5	Questioning / unsure
8	Client doesn't know
9	Client refused
99	Data not collected

4.24.1 LastGradeCompleted

Value	Text
1	Less than grade 5
2	Grades 5-6
3	Grades 7-8
4	Grades 9-11
5	Grade 12
6	School program does not have grade levels
7	GED
8	Client doesn't know
9	Client refused
10	Some college
11	Associate's degree
12	Bachelor's degree
13	Graduate degree
14	Vocational certification
99	Data not collected

4.25.1 SchoolStatus

Value	Text
1	Attending school regularly
2	Attending school irregularly
3	Graduated from high school
4	Obtained GED
5	Dropped out
6	Suspended
7	Expelled
8	Client doesn't know
9	Client refused
99	Data not collected

4.26.A EmploymentType

Value	Text
1	Full-time
2	Part-time
3	Seasonal / sporadic (including day labor)
99	Data not collected

4.26.B NotEmployedReason

Value	Text
1	Looking for work
2	Unable to work
3	Not looking for work
99	Data not collected

4.27.1 HealthStatus

Used in HealthStatus.csv if HealthCategory <> 30

Value	Text
1	Excellent
2	Very good
3	Good
4	Fair
5	Poor
8	Client doesn't know
9	Client refused
99	Data not collected

4.31.A RHYNumberofYears

Value	Text
1	Less than one year
2	1 to 2 years
3	3 to 5 or more years
99	Data not collected

4.33.A IncarceratedParentStatus

Value	Text
1	One parent / legal guardian is incarcerated
2	Both parents / legal guardians are incarcerated
3	The only parent / legal guardian is incarcerated
99	Data not collected

4.34.1 ReferralSource

Value	Text
1	Self-referral
2	Individual: parent/guardian
3	Individual: relative or friend
4	Individual: other adult or youth
5	Individual: partner/spouse
6	Individual: foster parent
7	Outreach project: FYSB
8	Client doesn't know
9	Client refused
10	Outreach project: other
11	Temporary shelter: FYSB basic center project
12	Temporary shelter: other youth only emergency shelter
13	Temporary shelter: emergency shelter for families
14	Temporary shelter: emergency shelter for individuals
15	Temporary shelter: domestic violence shelter
16	Temporary shelter: safe place
17	Temporary shelter: other
18	Residential project: FYSB transitional living project
19	Residential project: other transitional living project
20	Residential project: group home
21	Residential project: independent living project
22	Residential project: job corps
23	Residential project: drug treatment center
24	Residential project: treatment center
25	Residential project: educational institute
26	Residential project: other agency project
27	Residential project: other project
28	Hotline: national runaway switchboard
29	Hotline: other
30	Other agency: child welfare/CPS
31	Other agency: non-residential independent living project
32	Other project operated by your agency
33	Other youth services agency
34	Juvenile justice
35	Law enforcement/ police
36	Religious organization
37	Mental hospital
38	School
39	Other organization
99	Data not collected

4.35.A CountExchangeForSex

Value	Text
1	1-3
2	4-7
3	8-11
4	12 or more
8	Client doesn't know
9	Client refused
99	Data not collected

4.36.1 ExitAction

Value	Text
0	No
1	Yes
9	Client refused

4.37.1 ProjectCompletionStatus

Value	Text
1	Completed project
2	Youth voluntarily left early
3	Youth was expelled or otherwise involuntarily discharged from project

4.37.A EarlyExitReason

Value	Text
1	Left for other opportunities - independent living
2	Left for other opportunities - education
3	Left for other opportunities - military
4	Left for other opportunities - other
5	Needs could not be met by project

4.37.B ExpelledReason

Value	Text
1	Criminal activity/destruction of property/violence
2	Non-compliance with project rules
3	Non-payment of rent/occupancy charge
4	Reached maximum time allowed by project
5	Project terminated
6	Unknown/disappeared

4.39 NoAssistanceReason

Value	Text
1	Applied; decision pending
2	Applied; client not eligible

Value	Text
3	Client did not apply
4	Insurance type not applicable for this client
8	Client doesn't know
9	Client refused
99	Data not collected

4.41.11 MilitaryBranch

Value	Text
1	Army
2	Air Force
3	Navy
4	Marines
6	Coast Guard
8	Client doesn't know
9	Client refused
99	Data not collected

4.41.12 DischargeStatus

Value	Text
1	Honorable
2	General under honorable conditions
4	Bad conduct
5	Dishonorable
6	Under other than honorable conditions (OTH)
7	Uncharacterized
8	Client doesn't know
9	Client refused
99	Data not collected

4.42.1 PercentAMI

Value	Text
1	Less than 30%
2	30% to 50%
3	Greater than 50%
99	Data not collected

4.43.5 AddressDataQuality

Value	Text
1	Full address
2	Incomplete or estimated address
8	Client doesn't know
9	Client refused
99	Data not collected

4.47.B TCellSource / ViralLoadSource

Value	Text
1	Medical Report
2	Client Report
3	Other

4.47.3 ViralLoadAvailable

Value	Text
0	Not available
1	Available
2	Undetectable
8	Client doesn't know
9	Client refused
99	Data not collected

4.48.1 NoPointsYes

Value	Text
0	No (0 points)
1	Yes
99	Data not collected

4.48.2 TimeToHousingLoss

Value	Text
0	0-6 days
1	7-13 days
2	14-21 days
3	More than 21 days (0 points)
99	Data not collected

4.48.4 AnnualPercentAMI

Value	Text
0	0-14% of AMI for household size
1	15-30% of AMI for household size
2	More than 30% of AMI for household size (0 points)
99	Data not collected

4.48.7 EvictionHistory

Value	Text
0	4 or more prior rental evictions
1	2-3 prior rental evictions
2	1 prior rental eviction
3	No prior rental evictions (0 points)

Value	Text
99	Data not collected

4.48.9 LiteralHomelessHistory

Value	Text
0	4 or more times or total of at least 12 months in past three years
1	2-3 times in past three years
2	1 time in past three years
3	4 or more times or total of at least 12 months in past three years
99	Data not collected

4.49.1 CrisisServicesUse

Value	Text
0	0
1	1-2
2	3-5
3	6-10
4	11-20
5	More than 20
8	Client doesn't know
9	Client refused
99	Data not collected

5.3.1 DataCollectionStage

Value	Text
1	Project entry
2	Update
3	Project exit
5	Annual assessment

Appendix C – Changes from HMIS CSV v4.1 to v5.0

General

Version update - text updated to refer to HMIS Data Standards (Dictionary and Manual) version 5.0.

Lists – all response option lists are presented in order of export value to simplify looking up valid values and text translations.

SourceType – added field to identify whether the export is being generated by an HMIS implementation, a standalone/agency-specific application, a data warehouse, or other.

SourceID – specify that if the source of an export is a continuum HMIS implementation, SourceID must contain the HUD CoC Code of the continuum.

[Client.csv](#)

3.6 Gender - Updated list 3.6.1 to change 'Other' response to 'Doesn't identify as male, female, or transgender' and removed *OtherGender* field.

[Enrollment.csv](#)

Logic – Updated file instructions to allow for a client to have multiple entries into the same project on the same day as long as the *ProjectEntryID* is different.

3.8 Disabling Condition may not be null; export 99 (Data not collected) for any record where there is no response.

3.917 Living Situation (merge 3.9 Residence Prior to Project Entry and 3.17 Length of Time on Streets, in ES, or SH):

- Removed OtherResidencePrior, EntryFromStreetESSH.
- Added LOSUnderThreshold, PreviousStreetESSH.
- Modified list for number of times on street/ES/SH in the last three years to remove the option for 0 times.
- Modified list for length of stay in prior living situation to match v5 response options.

4.48 HP Targeting Criteria and 4.49 Use of Other Crisis Services – new data elements added.

[EnrollmentCoC.csv](#)

Added *HouseholdID* to simplify linking CoC information to household members.

[IncomeBenefits.csv](#)

Added fields for Indian Health Services and Other health insurance sources.

[EmploymentEducation.csv](#)

Modified list 4.24.1 Last Grade Completed to add responses.

[Disabilities.csv](#)

Created list 4.47.3 to add new viral load information availability response options. Text associated with previous integer values may have changed.

[Services.csv](#)

Updated list 4.14.A PATH Services to match new list.

Updated list 4.16.A PATH Referrals to match new list.