



HMIS CSV FORMAT SPECIFICATIONS

September 2017

U.S. Department of Housing and Urban Development

*HMIS CSV Format Version 6.11
Aligns with 2017 HMIS Data Standards Version 1.2*

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Revision History

Date	Version	Description
9/2014	4.0	2014 HMIS Data Standards v2.1
8/2015	4.1	2014 HMIS Data Standards v3
8/2016	5.0	2014 HMIS Data Standards v5.0 (obsolete effective 11/1/2016)
10/2016	5.1	2014 HMIS Data Standards v5.1
5/2017	2017: 1.2	HMIS CSV Data Exchange Specifications v1.2 (see Appendix C)
7/2017	6.1	Reverted to practice of continuous version numbering for HMIS CSV. Geography.csv/2.8 - added 99 (Unknown/data not collected) to list for <i>GeographyType</i> . EnrollmentCoC.csv - corrected reference to DE 3.16 Client Location to use correct DE#. Exit.csv/R18: deleted <i>CounselingType</i> and associated list R18.A; added <i>IndividualCounseling</i> , <i>FamilyCounseling</i> , <i>GroupCounseling</i> to accommodate identification of more than one type of counseling received.
9/2017	6.11	Corrections: Project.csv - HousingType column was added to file definition in 6.1 but not listed as a change. The column is required. Client.csv - Race columns have been non-nullable since 2014 but only a 1/Yes response was defined. Added explicit 0 as the alternative to 1. Exit.csv and HealthAndDV.csv : Re-added the PersonalID column to both file definitions. The deletion was not intentional; was not listed as a change. List 1.4 RecordType for Services.csv: Updated list values consistent with changes listed the file definition and in Appendix C list of changes. Appendix C list of changes for Inventory.csv : Struck reference to split of BedType into three separate fields. The change was not needed and was not made in the definition of the Inventory file.

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, 2017 HMIS Data Standards (v1.2), has an effective date of October 1, 2017.

This document provides specifications for a standard set of comma-separated values (CSV) files that include all data elements and fields defined by the 2017 HMIS Data Standards, along with information that describes an exported data set.

The structure of the files and their relationships are based on the 2017 HMIS Logical Model, although the HMIS CSV is less granular than that of the model to reduce the overall number of files.

The files have been denormalized to facilitate a simplified structure under circumstances where it's appropriate. For example, in a fully normalized structure, *Inventory* records could only be joined with *Project* records using *ProjectCoC* as an intermediary. *Inventory* is denormalized to include *ProjectID*, however, to allow for a direct join to *Project*, which is reasonable when working, for example, with a data set that has been filtered to include only one CoC.

In addition to the HMIS CSV, HUD is also publishing HUD 2017 HMIS XML Schema version 1.2, 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 several 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 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 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 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 2017 HMIS Data Standards 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 2017 HMIS Data Standards.

[Appendix C](#) summarizes changes in this version of the HMIS CSV from v5.1.

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 client (foreign key), but the DE# is not listed when it appears in other files.</p>
Name	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.
Type	The data type for the field. The types included are defined in the next section .
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 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 Export.csv, 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

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.

Type	ID	Definition
Integer	I	A non-negative whole number. For fields with a list number in the <i>List</i> column, valid values are limited to those defined for the field by the HMIS Data Dictionary or in this document.
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 agreement. The rules and assumptions defined here may also be relaxed or modified – also by agreement – to facilitate the exchange of non-standard data (e.g., service records not associated with an EnrollmentID). Non-standard data should not be included in exported files without prior agreement.

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 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.
 - Export parameters are referenced in this document as ExportStart, ExportEnd, Projects, CoCCode.
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 Start 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 Start 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

Note: For federal data exchange purposes, this is a legacy methodology. RHY requires use of SHA-256 (see below).

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' (3) *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.

SHA-256

The SHA-256 algorithm produces a 64-character string of letters and numbers. Data sets with a *HashStatus* of 'SHA-256' (4) 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-256 standard algorithm and data types for these four fields will differ as noted:

- *FirstName* (S64)– SHA-256 hash of the SOUNDEX of the value for first name;
- *MiddleName* (S64) – SHA-256 hash of the SOUNDEX of the value for middle name;
- *LastName* (S64) – SHA-256 hash of the SOUNDEX of the value for last name; and
- *SSN* (S68) – concatenation of the unhashed last 4 digits of the SSN followed by SHA-256 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.

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 CSV files generated as a part of the same export process.

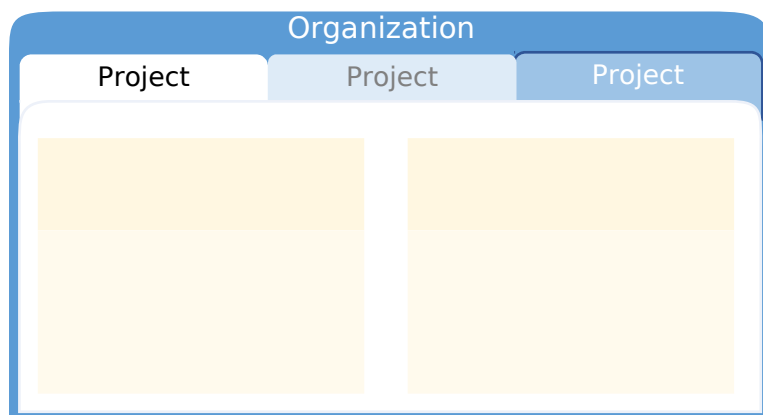
Name	Type	List	Null	Notes
ExportID	S32			Unique identifier

Name	Type	List	Null	Notes
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>
SourceContactExtension	S5		Y	The phone extension of the user generating the export, if available. Limited to 5 digits / no punctuation. <code>[0-9]{1,5}</code>
SourceContactEmail	S70		Y	The email address of the user generating the export, if available. <code>(([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}</code>
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.

Name	Type	List	Null	Notes
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	

DE #	Name	Type	List	Null	Notes
	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**
- **2.8 Additional Project Information** (*Target Population, Victim Services Provider, and Housing Type* fields only; these are project-level fields that are not specific to a particular continuum. Fields that are specific to a continuum are in [Geography.csv](#))

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	
2.2 .3	OperatingStartDate	D			
2.2 .4	OperatingEndDate	D		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

DE #	Name	Type	List	Null	Notes
2.5.1	TrackingMethod	I	2.5.1	Y	Null if <i>ProjectType</i> <> 1
2.8.4	TargetPopulation	I	2.8.4	Y	
2.8.5	VictimServicesProvider	I	1.7	Y	
2.8.8	HousingType	I	2.8.8	Y	Null if <i>ProjectType</i> not in (1,2,3,8,9,10,13)
	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).

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			
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

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

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 and may be multiple records in ProjectCoC.csv for each record in Project.csv where *ContinuumProject* is equal to 1 (Yes).

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 <code>^[a-zA-Z]{2}-[0-9]{3}\$</code>
	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 combination of *ProjectID* and *CoCCode* in ProjectCoC.csv where Project.csv.*ProjectType* is equal to 1, 2, 3, 8, 9, 10, or 13.

DE#	Name	Type	List	Null	Notes
	InventoryID	S32			Unique identifier
	ProjectID	S32			Must match a <i>ProjectID</i> in ProjectCoC.csv
2.7.4	CoCCode	S6			Must match a <i>CoCCode</i> in ProjectCoC.csv for the same <i>ProjectID</i>
2.7.1	InformationDate	D			
2.7.5	HouseholdType	I	2.7.5		
2.7.9	Availability	I	2.7.9	Y	Null unless Project.csv <i>ProjectType</i> = 1
2.7.7	UnitInventory	I			
2.7.6	BedInventory	I			
2.7.12	CHBedInventory	I		Y	
2.7.10	VetBedInventory	I		Y	

DE#	Name	Type	List	Null	Notes
2.7.11	YouthBedInventory	I		Y	
2.7.8	BedType	I	2.7.8	Y	
2.7.2	InventoryStartDate	D			
2.7.3	InventoryEndDate	D		Y	
2.7.13	HMISParticipatingBeds	I			
	DateCreated	T			
	DateUpdated	T			
	UserID	S32			
	DateDeleted	T		Y	
	ExportID	S32			Must match the <i>ExportID</i> in Export.csv

Geography.csv

Geography.csv includes data from fields in **2.8 Additional Project Information** that are specific to residential projects included in continuum housing inventory, regardless of HMIS participation status. Fields from 2.8 that apply to the project and are not specific to a single continuum (*Target Population*, *Victim Services Provider*, and *Housing Type*) are in [Project.csv](#).

There may be multiple records for each combination of *ProjectID* and *CoCCode* in ProjectCoC.csv where Project.csv.*ProjectType* is equal to 1, 2, 3, 8, or 13.

DE#	Name	Type	List	Null	Notes
	GeographyID	S32			Unique identifier
	ProjectID	S32			Must match a <i>ProjectID</i> in ProjectCoC.csv
2.8.2	CoCCode	S6			Must match a <i>CoCCode</i> in ProjectCoC.csv for the same <i>ProjectID</i>
2.8.1	InformationDate	D			
2.8.3	Geocode ³	S6			Limited to six digits <code>^[0-9]{6}\$</code>
2.8.7	GeographyType	I	2.8.7		
2.8.9	Address1	S100		Y	

³ 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
2.8.10	Address2	S100		Y	
2.8.11	City	S50		Y	
2.8.12	State	S2		Y	Limited to two letters ⁴ ^[a-zA-Z]{2}\$
2.8.6	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> = 1, 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**

⁴ A complete list of valid US states, territories, and military duty areas is available at <https://www.usps.com/send/official-abbreviations.htm>.

- **3.2 Social Security Number**
- **3.3 Date of Birth**
- **3.4 Race**
- **3.5 Ethnicity**
- **3.6 Gender**
- **3.7 Veteran Status**
- **V1 Veteran's 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.

- *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
5.8	PersonalID	S32			Unique identifier
3.1.1	FirstName	S50		Y	See notes in Hash Status section re: field sizes for hashed data.
3.1.2	MiddleName	S50		Y	See notes in Hash Status section re: field sizes for hashed data.
3.1.3	LastName	S50		Y	See notes in Hash Status section re: field sizes for hashed data.
3.1.4	NameSuffix	S50		Y	
3.1.5	NameDataQuality	I	3.1.5		
3.2.1	SSN ⁵	S9		Y	See notes in Hash Status section re: field sizes for hashed data. 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}\$⁶</code>

⁵ SSN is a string field; values MUST be enclosed in double-quotes so that leading zeroes are not omitted.

⁶ 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
3.2.2	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 0 = (This race not selected.)
3.4.1	Asian	I	1.7		1 = Asian 0 = (This race not selected.)
3.4.1	BlackAfAmerican	I	1.7		1 = Black or African American 0 = (This race not selected.)
3.4.1	NativeHIOtherPacific	I	1.7		1 = Native Hawaiian or Other Pacific Islander 0 = (This race not selected.)
3.4.1	White	I	1.7		1 = White 0 = (This race not selected.)
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		
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.
V1.1	YearEnteredService	I		Y	Values between 1920 and the current year <code>^19[2-9]/d 20[0-1]/d\$⁷</code>
V1.2	YearSeparated	I		Y	Values between 1920 and the current year <code>^19[2-9]/d 20[0-1]/d\$</code>
V1.3	WorldWarII	I	1.8	Y	
V1.4	KoreanWar	I	1.8	Y	
V1.5	VietnamWar	I	1.8	Y	
V1.6	DesertStorm	I	1.8	Y	
V1.7	AfghanistanOEF	I	1.8	Y	
V1.8	IraqOIF	I	1.8	Y	
V1.9	IraqOND	I	1.8	Y	
V1.10	OtherTheater	I	1.8	Y	
V1.11	MilitaryBranch	I	V1.11	Y	
V1.12	DischargeStatus	I	V1.12	Y	
	DateCreated	T			
	DateUpdated	T			
	UserID	S32			

⁷ This regular expression will validate for any year between 1920 and 2019; data quality checks in import processes may flag future dates as errors.

DE#	Name	Type	List	Null	Notes
	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 Start 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 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 *EnrollmentID* in Enrollment.csv is used in all other enrollment-related files to link records to a specific enrollment. *PersonalID* is also repeated in each of the enrollment-related files.

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

Enrollment.csv

The unique identifier for Enrollment.csv is **5.6 EnrollmentID**, 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 Start Date**
- **3.15 Relationship to Head of Household**
- **3.20 Housing Move-In Date**
- **4.13 Date of Engagement**
- **P3 PATH Status**
- **R2 RHY-BCP Status**
- **R3 Sexual Orientation**
- **R1 Referral Source**
- **R11 Formerly a Ward of Child Welfare/Foster Care Agency**

- **R12 Formerly a Ward of Juvenile Justice System**
- **R13 Family Critical Issues**
- **U1 Worst Housing Situation**
- **V4 Percent of AMI**
- **V5 Last Permanent Address**
- **V6 VAMC Station Number**
- **V7 SSVF HP Targeting Criteria**

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 *EnrollmentID* should be the metadata values associated with **3.10 Project Start Date**; other fields should be populated using data associated with the same *EnrollmentID*.
- *EntryDate* is considered the information date for the other fields in Enrollment.csv except for the following data elements:
 - **4.13 Date of Engagement** - *DateOfEngagement*
 - **3.20 Residential Move-In Date** - *ResidentialMoveInDate*
 - **P3 PATH Status** - *DateOfPATHStatus*
 - **R2 RHY-BCP Status** - *DateOfBCPStatus*
- *DateCreated* should be the *DateCreated* associated with **3.10 Project Start Date** for the same *EnrollmentID*.
- *DateUpdated* should be the latest *DateUpdated* associated with any of the included data elements for the same *EnrollmentID*.
- *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 *EnrollmentID*. If there is more than one record for the same *PersonalID* with the same *EnrollmentID*, 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 *EnrollmentIDs*, 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	EnrollmentID	S32			Unique identifier
	PersonalID	S32			
	ProjectID	S32			Must match a <i>ProjectID</i> in Project.csv

DE#	Name	Type	List	Null	Notes
3.10.1	EntryDate	D			
5.9	HouseholdID	S32			
3.15.1	RelationshipToHoH	I	3.15.1		
3.917.1	LivingSituation	I	3.917.1	Y	
3.917.2	LengthOfStay	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	
3.8	DisablingCondition	I	1.8		Export 99 (Data not collected) for any project entry where there is no response.
4.13.1	DateOfEngagement	D		Y	
3.20.1	MoveInDate	D		Y	
P3.1	DateOfPATHStatus	D		Y	
P3.2	ClientEnrolledInPATH	I	1.7	Y	
P3.A	ReasonNotEnrolled	I	P3.A	Y	Null unless P3.2 = 0
U1.1	WorstHousingSituation	I	1.8	Y	
V4.1	PercentAMI	I	V4.1	Y	
V5.1	LastPermanentStreet	S100		Y	
V5.2	LastPermanentCity	S50		Y	
V5.3	LastPermanentState	S2		Y	<code>^[a-zA-Z]{2}\$</code>
V5.4	LastPermanentZIP ⁸	S5		Y	Must be 5 digits or null; do not export partial ZIP codes <code>^[0-9]{5}\$</code>
V5.5	AddressDataQuality	I	V5.5	Y	
R2.2	DateOfBCPStatus	D		Y	
R2.2	EligibleForRHY	I	1.7	Y	
R2.A	ReasonNoServices	I	R2.A	Y	Null unless R2.2 = 0
R2.B	RunawayYouth	I	1.8	Y	Null unless R2.2 = 1
R3.1	SexualOrientation	I	R3.1	Y	
R11.1	FormerWardChildWelfare	I	1.8	Y	
R11.A	ChildWelfareYears	I	R11.A	Y	
R11.B	ChildWelfareMonths	I		Y	

⁸ 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
R12.1	FormerWardJuvenileJustice	I	1.8	Y	
R12.A	JuvenileJusticeYears	I	R11.A	Y	
R12.B	JuvenileJusticeMonths	I		Y	
R13.9	UnemploymentFam	I	1.7	Y	
R13.1	MentalHealthIssuesFam	I	1.7	Y	
R13.1	PhysicalDisabilityFam	I	1.7	Y	
R13.2	AlcoholDrugAbuseFam	I	1.7	Y	
R13.2	InsufficientIncome	I	1.7	Y	
R13.2	IncarceratedParent	I	1.7	Y	
R1.1	ReferralSource	I	R1.1	Y	
R1.A	CountOutreachReferralApproaches	I		Y	
V7.1	UrgentReferral	I	V7.1	Y	
V7.2	TimeToHousingLoss	I	V7.2	Y	
V7.3	ZeroIncome	I	V7.1	Y	
V7.4	AnnualPercentAMI	I	V7.4	Y	
V7.5	FinancialChange	I	V7.1	Y	
V7.6	HouseholdChange	I	V7.1	Y	
V7.7	EvictionHistory	I	V7.7	Y	
V7.8	SubsidyAtRisk	I	V7.1	Y	
V7.9	LiteralHomelessHistory	I	V7.9	Y	
V7.10	DisabledHoH	I	V7.1	Y	
V7.11	CriminalRecord	I	V7.1	Y	
V7.12	SexOffender	I	V7.1	Y	
V7.13	DependentUnder6	I	V7.1	Y	
V7.14	SingleParent	I	V7.1	Y	
V7.15	HH5Plus	I	V7.1	Y	
V7.16	IraqAfghanistan	I	V7.1	Y	
V7.17	FemVet	I	V7.1	Y	
V7.20	HPScreeningScore	I		Y	
V7.21	ThresholdScore	I		Y	
V6.1	VAMCStation	S5	V6.1	Y	List includes non-integer values; data type is still a string.
	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

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 *EnrollmentID* 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.⁹

There may be one or more additional records with a *DataCollectionStage* of 2 if 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
	EnrollmentID	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:

⁹ The HMIS Data Standards require a unique *Household ID* and identification of a single head of household per enrollment.

- **3.11 Project Exit Date**
- **3.12 Destination**
- **4.18 Housing Assessment Disposition**
- **W5 Housing Assessment at Exit**
- **R15 Commercial Sexual Exploitation**
- **R16 Labor Exploitation/Trafficking**
- **R17 Project Completion Status**
- **R18 Counseling**
- **R19 Safe and Appropriate Exit**
- **R20 Aftercare Plans**
- **V9 HUD-VASH Exit Information** (uses *ProjectCompletionStatus* field)

These data are not included in Enrollment.csv 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 *EnrollmentID*.

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 *EnrollmentID*.

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 *EnrollmentID*.
- *UserID* should be the *UserID* associated with the record with the latest *DateUpdated* associated with any of the included data elements for the same *EnrollmentID*.

In the HMIS Data Dictionary, **R20 Aftercare Plans** is structured such that the four methods of providing aftercare are in a single option list field (Dependent A) with instructions to allow users to select as many options as apply in a single field *or* to allow multiple records to be created. In the CSV, there is a separate Yes/No field for each method. Regardless of how the data element is implemented in HMIS:

- All R20 fields must be null in the CSV unless there is a record in HMIS:
 - With a user-entered R20 Field 1 *Information Date* that is between the *ExitDate* and the *ExitDate* + 180 days; AND
 - A user-entered response for R20 Field 2 *Aftercare was provided*.
- If there are multiple records in the appropriate date range, *AftercareDate* should reflect the most recent date in the range.

- If there are multiple records in the appropriate date range and responses to *Aftercare was provided* are different, populate the *AftercareProvided* field using the first of the following values that occurs in any record:
 - Yes (1)
 - Client refused (9)
 - No (0)
- If *AftercareProvided* = 1, then:
 - The value for the field for any method of provision identified on a record in the appropriate date range must be 1.
 - The value for the field for any method not identified must be 0.
- If *AftercareProvided* <> 1, all fields for methods of provision must be null.

DE#	Name	Type	List	Null	Notes
	ExitID	S32			Unique identifier
	EnrollmentID	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>AssessmentDisposition</i> = 14
W5.1	HousingAssessment	I	W5.1	Y	
W5.*	SubsidyInformation	I	W5.A	Y	Includes data for W5.A and W5.B.
R17.1	ProjectCompletionStatus	I	R17.1	Y	
R17.A	EarlyExitReason	I	R17.A	Y	Null unless R17.1 = 3
R15.1	ExchangeForSex	I	1.8	Y	
R15.A	ExchangeForSexPastThreeMonths	I	1.8	Y	Null unless R15.1 = 1
R15.B	CountOfExchangeForSex	I	R15.B	Y	Null unless R15.1 = 1
R15.C	AskedOrForcedToExchangeForSex	I	1.8	Y	Null unless R15.1 = 1
R15.	AskedOrForcedToExcha	I	1.8	Y	Null unless R15.C = 1

DE#	Name	Type	List	Null	Notes
D	ngeForSexPastThreeMonths				
R16.1	WorkPlaceViolenceThreats	I	1.8	Y	
R16.2	WorkplacePromiseDifference	I	1.8	Y	
R16.A	CoercedToContinueWork	I	1.8	Y	Null unless R16.1 or R16.2 = 1
R16.B	LaborExploitPastThreeMonths	I	1.8	Y	Null unless R16.1 or R16.2 = 1
R18.1	CounselingReceived	I	1.7	Y	
R18.A	IndividualCounseling	I	1.7	Y	Null unless R18.1 = 1
R18.A	FamilyCounseling	I	1.7	Y	Null unless R18.1 = 1
R18.A	GroupCounseling	I	1.7	Y	Null unless R18.1 = 1
R18.B	SessionCountAtExit	I		Y	Null unless R18.1 = 1
R18.3	PostExitCounselingPlan	I	1.7	Y	
R18.2	SessionsInPlan	I		Y	Null unless R18.2 = 1
R19.1	DestinationSafeClient	I	1.8	Y	
R19.2	DestinationSafeWorker	I	1.7	Y	
R19.3	PosAdultConnections	I	R19.A	Y	
R19.4	PosPeerConnections	I	R19.A	Y	
R19.5	PosCommunityConnections	I	R19.A	Y	
R20.1	AftercareDate	D		Y	Null unless date is between <i>ExitDate</i> and <i>ExitDate</i> + 180 days AND <i>AftercareProvided</i> is not null
R20.2	AftercareProvided	I	R20.2	Y	Null unless <i>AftercareDate</i> is between <i>ExitDate</i> and <i>ExitDate</i> + 180 days
R20.A	EmailSocialMedia	I	1.7	Y	Null unless R20.2 = 1

DE#	Name	Type	List	Null	Notes
R20.A	Telephone	I	1.7		Null unless R20.2 = 1
R20.A	InPersonIndividual	I	1.7		Null unless R20.2 = 1
R20.A	InPersonGroup	I	1.7		Null unless R20.2 = 1
V9.1	CMExitReason	I	V9.1	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**
- **P4 Connection with SOAR**
- **W3 Medical Assistance**

This file may include:

- No more than one record per *EnrollmentID* with a *DataCollectionStage* of 1 (entry). The *InformationDate* should match the entry date.
- No more than one record per *EnrollmentID* with a *DataCollectionStage* of 3 (exit). The *InformationDate* should match the exit date.
- Multiple records per *EnrollmentID* with a *DataCollectionStage* of 2 (update) or 5 (annual assessment¹⁰).

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.

¹⁰ 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
	IncomeBenefitsID	S32			Unique identifier
	EnrollmentID	S32			
	PersonalID	S32			
4.*	InformationDate	D			
4.2.2	IncomeFromAnySource	I	1.8	Y	
4.2.1 8	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	
4.2.1 0	WorkersComp	I	1.7	Y	
4.2.H	WorkersCompAmount	M+		Y	
4.2.1 1	TANF	I	1.7	Y	
4.2.I	TANFAmount	M+		Y	
4.2.1 2	GA	I	1.7	Y	
4.2.J	GAAmount	M+		Y	
4.2.1 3	SocSecRetirement	I	1.7	Y	
4.2.K	SocSecRetirementAmount	M+		Y	
4.2.1 4	Pension	I	1.7	Y	
4.2.L	PensionAmount	M+		Y	
4.2.1 5	ChildSupport	I	1.7	Y	
4.2. M	ChildSupportAmount	M+		Y	
4.2.1 6	Alimony	I	1.7	Y	
4.2.N	AlimonyAmount	M+		Y	

DE#	Name	Type	List	Null	Notes
4.2.17	OtherIncomeSource	I	1.7	Y	
4.2.0	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	
4.3.9	OtherBenefitsSource	I	1.7	Y	
4.3.9A	OtherBenefitsSourceIdentify	S50		Y	Null unless 4.3.9 = 1
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	

DE#	Name	Type	List	Null	Notes
4.4.1 2A	OtherInsuranceIdentify	S50	4.4.A	Y	Null unless 4.4.12 = 1
W3.2	HIVAIDSAssistance	I	1.8	Y	
W3.A	NoHIVAIDSAssistanceReason	I	W3	Y	Null unless W3.2 = 0
W3.3	ADAP	I	1.8	Y	
W3.B	NoADAPReason	I	W3	Y	Null unless W3.3 = 0
P4.1	ConnectionWithSOAR	I	1.8	Y	
	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**
- **R7 General Health Status**
- **R8 Dental Health Status**
- **R9 Mental Health Status**
- **R10 Pregnancy Status**

For each *EnrollmentID* this file may include:

- No more than one record per *EnrollmentID* with a *DataCollectionStage* of 1 (entry). The *InformationDate* should match the entry date.
- No more than one record per *EnrollmentID* with a *DataCollectionStage* of 3 (exit). The *InformationDate* should match the exit date.
- Multiple records per *EnrollmentID* 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
	EnrollmentID	S32			
	PersonalID	S32			
*.1	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
R7.1	GeneralHealthStatus	I	R7.1	Y	
R8.1	DentalHealthStatus	I	R7.1	Y	
R9.1	MentalHealthStatus	I	R7.1	Y	
R10.1	PregnancyStatus	I	1.8	Y	
R10.A	DueDate	D		Y	Null unless R10.1 = 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

- **R4 Last Grade Completed**
- **R5 School Status**
- **R6 Employment Status**

This file may include:

- No more than one record per *EnrollmentID* with a *DataCollectionStage* of 1 (entry). The *InformationDate* should match the entry date.
- No more than one record per *EnrollmentID* with a *DataCollectionStage* of 3 (exit). The *InformationDate* should match the exit date.
- Multiple records per *EnrollmentID* 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
	EnrollmentID	S32			
	PersonalID	S32			
R*.1	InformationDate	D			
R4.1	LastGradeCompleted	I	R4.1	Y	
R5.1	SchoolStatus	I	R5.1	Y	
R6.2	Employed	I	1.8	Y	
R6.A	EmploymentType	I	R6.A	Y	Null unless R6.2 = 1
R6.B	NotEmployedReason	I	R6.B	Y	Null unless R6.2 = 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)
- **W4 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 *EnrollmentID* with a *DataCollectionStage* of 1 (entry). The *InformationDate* should match the entry date.
- No more than one record per *EnrollmentID* with a *DataCollectionStage* of 3 (exit). The *InformationDate* should match the exit date.
- Multiple records per *EnrollmentID* with a *DataCollectionStage* of 2 (update) or 5 (annual assessment).

DE#	Name	Type	List	Null	Notes
	DisabilitiesID	S32			Unique identifier
	EnrollmentID	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	
W4.2	TCellCountAvailable	I	1.8	Y	Null unless <i>DisabilityType</i> = 8
W4.A	TCellCount	I		Y	Null unless W4.2 = 1
W4.B	TCellSource	I	W4.B	Y	Null unless W4.A is not null
W4.3	ViralLoadAvailable	I	W4.3	Y	Null unless <i>DisabilityType</i> = 8
W4.C	ViralLoad	I		Y	Null unless W4.3 = 1
W4.D	ViralLoadSource	I	W4.B	Y	Null unless W4.C is not null
	DataCollectionStage	I	5.3.1		
	DateCreated	T			
	DateUpdated	T			
	UserID	S32			
	DateDeleted	T		Y	
	ExportID	S32			Must match <i>ExportID</i> in Export.csv

Services.csv

Services.csv includes data for the following data elements:

- **4.12 Contact** records collected under 2017 HMIS Data Standards (*RecordType* 13)
- **4.14 Bed Night** (*RecordType* 200)
- **P1 Services Provided - PATH** (*RecordType* 141)
- **P2 Referrals Provided - PATH** (*RecordType* 161)
- **R14 RHY Service Connections** (*RecordType* 142)

- **W1 Services Provided - HOPWA** (*RecordType* 143)
- **W2 Financial Assistance - HOPWA** (*RecordType* 151)
- **V2 Services Provided - SSVF** (*RecordType* 144)
- **V3 Financial Assistance - SSVF** (*RecordType* 152)
- **V8 HUD-VASH Voucher Tracking** (*RecordType* 210)¹¹

This file may include a theoretically unlimited number of records per *EnrollmentID*. 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:

- Each separate service is associated with the same unique ID every time it is exported; and
- 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 *EnrollmentIDs* 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 *EnrollmentID* in the Services.csv record.

DE #	Name	Type	List	Null	Notes
	ServicesID	S32			Unique identifier
	EnrollmentID	S32			
	PersonalID	S32			
	DateProvided	D			
	RecordType	I	1.4		

¹¹ Data element not defined in the HMIS Data Standards; relevant only in communities exporting HUD-VASH OTH data from HMIS for upload to the VA Repository.

DE #	Name	Type	List	Null	Notes
	TypeProvided	I	(see note)		For <i>RecordType</i> <ul style="list-style-type: none"> •12 – list 4.12.2A •13 – list 4.12.2B •141 – list P1.2 •142 – list R14.2 •143 – list W1.2 •144 – list V2.2 •151 – list W2.3 •152 – list V3.3 •161 – list P2.2 •200 – list 4.14 •210 – list 4.50.1
	OtherTypeProvided	S50		Y	Null unless <i>RecordType</i> = 144 and <i>TypeProvided</i> = 6
	SubTypeProvided	I	(see note)	Y	Null unless <i>RecordType</i> = 144 and <i>TypeProvided</i> = 3, 4, or 5. For <i>TypeProvided</i> : <ul style="list-style-type: none"> •3 – list V2.3 •4 – list V2.4 •5 – list V2.5
	FAAmount	M		Y	Null unless <i>RecordType</i> = 151 or 152
	ReferralOutcome	I	P2.A	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 Additional Project Information	Project.csv Geography.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
3.10 Project Start Date	Enrollment.csv
3.11 Project Exit Date	Exit.csv
3.12 Destination	Exit.csv
3.15 Relationship to Head of Household	Enrollment.csv
3.16 Client Location	EnrollmentCoC.csv
3.20 Housing Move-In Date	Enrollment.csv
3.91 Living Situation	Enrollment.csv
7	
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
4.16 Referrals Provided	Services.csv

4.18	Housing Assessment Disposition	Exit.csv
P1	Services Provided - PATH	Services.csv
P2	Referrals Provided - PATH	Services.csv
P3	PATH Status	Enrollment.csv
P4	Connection with SOAR	IncomeBenefits.csv
R1	Referral Source	Enrollment.csv
R2	RHY-BCP Status	Enrollment.csv
R3	Sexual Orientation	Enrollment.csv
R4	Last Grade Completed	EmploymentEducation.csv
R5	School Status	EmploymentEducation.csv
R6	Employment Status	EmploymentEducation.csv
R7	General Health Status	HealthAndDV.csv
R8	Dental Health Status	HealthAndDV.csv
R9	Mental Health Status	HealthAndDV.csv
R10	Pregnancy Status	HealthAndDV.csv
R11	Formerly a Ward of Child Welfare/Foster Care Agency	Enrollment.csv
R12	Formerly a Ward of Juvenile Justice System	Enrollment.csv
R13	Young Person's Critical Issues	Enrollment.csv
R14	RHY Service Connections	Services.csv
R15	Commercial Sexual Exploitation/Sex Trafficking	Exit.csv
R16	Labor Exploitation/Trafficking	Exit.csv
R17	Project Completion Status	Exit.csv
R18	Counseling	Exit.csv
R19	Safe and Appropriate Exit	Exit.csv
R20	Aftercare Plans	Exit.csv
U1	Worst Housing Situation	Enrollment.csv
V1	Veteran's Information	Client.csv
V2	Services Provided - SSVF	Services.csv
V3	Referrals Provided - SSVF	Services.csv
V4	Percent of AMI	Enrollment.csv
V5	Last Permanent Address	Enrollment.csv
V6	VAMC Station Code	Enrollment.csv
V7	SSVF HP Targeting Criteria	Enrollment.csv
V8	HUD-VASH Voucher Tracking	Services.csv
V9	HUD-VASH Exit Information	Exit.csv
W1	Services Provided - HOPWA	Services.csv
W2	Financial Assistance - HOPWA	Services.csv
W3	Medical Assistance	IncomeBenefits.csv
W4	T-Cell (CD4) and Viral Load	Disabilities.csv
W5	Housing Assessment at Exit	Exit.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, valid values are intended to 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 W5.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 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
8	HIV/AIDS
9	Mental health problem
10	Substance abuse

1.4 RecordType

Value	Text	Corresponding DE#
13	Contact	4.12
141	PATH service	P1
142	RHY service connections	R14
143	HOPWA service	W1
144	SSVF service	V2
151	HOPWA financial assistance	W2
152	SSVF financial assistance	V3
161	PATH referral	P2
200	Bed night	4.14
210	HUD-VASH OTH voucher tracking	V8

1.5 HashStatus

Value	Text
1	Unhashed
2	SHA-1 (no longer used for federal purposes)
3	Hashed - other
4	SHA-256 (RHY)

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
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
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: CRS Contract Residential Services
29	VA: Domiciliary Care
30	VA: Community Contract Safe Haven Program
32	VA: Compensated Work Therapy Transitional Residence
33	VA: Supportive Services for Veteran Families
34	N/A
35	HUD: Pay for Success
36	HUD: Public and Indian Housing (PIH) Programs
37	VA: Grant Per Diem - Bridge Housing
38	VA: Grant Per Diem - Low Demand
39	VA: Grant Per Diem - Hospital to Housing
40	VA: Grant Per Diem - Clinical Treatment
41	VA: Grant Per Diem - Service Intensive Transitional Housing
42	VA: Grant Per Diem - Transition in Place

2.7.5 HouseholdType

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

2.7.8 BedType

Value	Text
1	Facility-based
2	Voucher
3	Other

2.7.9 Availability

Value	Text
1	Year-round
2	Seasonal
3	Overflow

2.8.4 TargetPopulation

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

2.8.7 GeographyType

Value	Text
1	Urban
2	Suburban
3	Rural
99	Unknown / data not collected

2.8.8 HousingType

Value	Text
1	Site-based - single site
2	Site-based - clustered / multiple sites
3	Tenant-based - scattered site

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	Trans Female (MTF or Male to Female)
3	Trans Male (FTM or Female to Male)
4	Gender non-conforming (i.e. not exclusively male or female)
8	Client doesn't know
9	Client refused
99	Data not collected

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 (other than RRH) 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
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
31	Rental by client, with RRH or equivalent subsidy
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

3.917.1 LivingSituation

Value	Text
--------------	-------------

1	Emergency shelter, including hotel or motel paid for with emergency shelter voucher
2	Transitional housing for homeless persons
3	Permanent housing (other than RRH) 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 housing subsidy (including RRH)
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 LengthOfStay

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

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

4.10.2 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
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

4.12.2A ContactLocation

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

4.12.2B CurrentStreetESSH

Value	Text
0	No
1	Yes
2	Worker unable to determine

4.14 BedNight

Value	Text
200	BedNight

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
13	Applicant terminated assessment prior to completion

14	Other/specify
-----------	---------------

5.3.1 DataCollectionStage

Value	Text
1	Project entry
2	Update
3	Project exit
5	Annual assessment
6	Post-exit (not used in CSV)

P1.2 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

P2.2 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
11	Temporary housing

P2.A PATHReferralOutcome

Value	Text
1	Attained
2	Not attained
3	Unknown

P3.A ReasonNotEnrolled

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

R1.1 ReferralSource

Value	Text
1	Self-Referral
2	Individual: Parent/Guardian/Relative/Friend/Foster Parent/Other Individual
7	Outreach Project
11	Temporary Shelter
18	Residential Project:
28	Hotline:
30	Child Welfare/CPS
34	Juvenile Justice
35	Law Enforcement/ Police
37	Mental Hospital
38	School
39	Other Organization
8	Client doesn't know
9	Client refused
99	Data not collected

R2.A ReasonNoServices

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

R3.1 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

R4.1 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

R5.1 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

R6.A EmploymentType

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

R6.B NotEmployedReason

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

R7.1 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

R11.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

R14.2 RHYServices

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

Value	Text
2	Community service/service learning (CSL)
5	Education
6	Employment and/or training services
7	Criminal justice /legal services
8	Life skills training
10	Parenting education for youth with children
12	Post-natal care for mother
13	Pre-natal care
14	Health/medical care
17	Substance abuse treatment
18	Substance Abuse Ed/Prevention Services
26	Home-based Services
27	Post-natal newborn care (wellness exams; immunizations)

28	STD Testing
29	Street-based Services

R15.B 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

R17.1 ProjectCompletionStatus

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

R17.A 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

R19.A WorkerResponse

Value	Text
0	No
1	Yes
2	Worker does not know

R20.2 AftercareProvided

Value	Text
0	No
1	Yes
9	Client refused

V1.11 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

V1.12 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

V2.2 SSVFServices

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

Value	Text
1	Outreach services
2	Case management services
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

V2.A 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

V2.4 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

V2.5 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
11	Housing counseling

V3.3 SSVFFinancialAssistance

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

V4.1 PercentAMI

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

V5.5 AddressDataQuality

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

V6.1 VAMCStationNumber

Note: This is the only list of response categories in the HMIS CSV with non-integer values

Value (Site Code)	Text (Site Code / Facility Name)
402	(402) Togus, ME
405	(405) White River Junction, VT
436	(436) Montana HCS
437	(437) Fargo, ND
438	(438) Sioux Falls, SD
442	(442) Cheyenne, WY
459	(459) Honolulu, HI
460	(460) Wilmington, DE
463	(463) Anchorage, AK
501	(501) New Mexico HCS
502	(502) Alexandria, LA
503	(503) Altoona, PA
504	(504) Amarillo, TX
506	(506) Ann Arbor, MI
508	(508) Atlanta, GA
509	(509) Augusta, GA
512	(512) Baltimore HCS, MD
515	(515) Battle Creek, MI
516	(516) Bay Pines, FL

517	(517) Beckley, WV
518	(518) Bedford, MA
519	(519) Big Spring, TX
520	(520) Gulf Coast HCS, MS
521	(521) Birmingham, AL
523	(523) VA Boston HCS, MA
526	(526) Bronx, NY
528	(528) Western New York, NY
529	(529) Butler, PA
531	(531) Boise, ID
534	(534) Charleston, SC
537	(537) Jesse Brown VAMC (Chicago), IL
538	(538) Chillicothe, OH
539	(539) Cincinnati, OH
540	(540) Clarksburg, WV
541	(541) Cleveland, OH
542	(542) Coatesville, PA
544	(544) Columbia, SC
546	(546) Miami, FL
548	(548) West Palm Beach, FL
549	(549) Dallas, TX
550	(550) Danville, IL
552	(552) Dayton, OH
553	(553) Detroit, MI
554	(554) Denver, CO
556	(556) Captain James A Lovell FHCC
557	(557) Dublin, GA
558	(558) Durham, NC
561	(561) New Jersey HCS, NJ
562	(562) Erie, PA
564	(564) Fayetteville, AR
565	(565) Fayetteville, NC
568	(568) Black Hills HCS, SD
570	(570) Fresno, CA
573	(573) Gainesville, FL
575	(575) Grand Junction, CO
578	(578) Hines, IL
580	(580) Houston, TX
581	(581) Huntington, WV
583	(583) Indianapolis, IN
585	(585) Iron Mountain, MI
586	(586) Jackson, MS
589	(589) Kansas City, MO

590	(590) Hampton, VA
593	(593) Las Vegas, NV
595	(595) Lebanon, PA
596	(596) Lexington, KY
598	(598) Little Rock, AR
600	(600) Long Beach, CA
603	(603) Louisville, KY
605	(605) Loma Linda, CA
607	(607) Madison, WI
608	(608) Manchester, NH
610	(610) Northern Indiana HCS, IN
612	(612) N. California, CA
613	(613) Martinsburg, WV
614	(614) Memphis, TN
618	(618) Minneapolis, MN
619	(619) Central Alabama Veterans HCS, AL
620	(620) VA Hudson Valley HCS, NY
621	(621) Mountain Home, TN
623	(623) Muskogee, OK
626	(626) Middle Tennessee HCS, TN
629	(629) New Orleans, LA
630	(630) New York Harbor HCS, NY
631	(631) VA Central Western Massachusetts HCS
632	(632) Northport, NY
635	(635) Oklahoma City, OK
636	(636) Nebraska-W Iowa, NE
637	(637) Asheville, NC
640	(640) Palo Alto, CA
642	(642) Philadelphia, PA
644	(644) Phoenix, AZ
646	(646) Pittsburgh, PA
648	(648) Portland, OR
649	(649) Northern Arizona HCS
650	(650) Providence, RI
652	(652) Richmond, VA
653	(653) Roseburg, OR
654	(654) Reno, NV
655	(655) Saginaw, MI
656	(656) St. Cloud, MN
657	(657) St. Louis, MO
658	(658) Salem, VA
659	(659) Salisbury, NC
660	(660) Salt Lake City, UT

662	(662) San Francisco, CA
663	(663) VA Puget Sound, WA
664	(664) San Diego, CA
666	(666) Sheridan, WY
667	(667) Shreveport, LA
668	(668) Spokane, WA
671	(671) San Antonio, TX
672	(672) San Juan, PR
673	(673) Tampa, FL
674	(674) Temple, TX
675	(675) Orlando, FL
676	(676) Tomah, WI
678	(678) Southern Arizona HCS
679	(679) Tuscaloosa, AL
687	(687) Walla Walla, WA
688	(688) Washington, DC
689	(689) VA Connecticut HCS, CT
691	(691) Greater Los Angeles HCS
692	(692) White City, OR
693	(693) Wilkes-Barre, PA
695	(695) Milwaukee, WI
740	(740) VA Texas Valley Coastal Bend HCS
756	(756) El Paso, TX
757	(757) Columbus, OH
459GE	(459GE) Guam
528A5	(528A5) Canandaigua, NY
528A6	(528A6) Bath, NY
528A7	(528A7) Syracuse, NY
528A8	(528A8) Albany, NY
589A4	(589A4) Columbia, MO
589A5	(589A5) Kansas City, MO
589A6	(589A6) Eastern KS HCS, KS
589A7	(589A7) Wichita, KS
636A6	(636A6) Central Iowa, IA
636A8	(636A8) Iowa City, IA
657A4	(657A4) Poplar Bluff, MO
657A5	(657A5) Marion, IL
99	Data not collected

V7.1 NoPointsYes

Value	Text
-------	------

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

V7.2 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

V7.4 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

V7.7 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)
99	Data not collected

V7.9 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

V8.1 VoucherTracking

Value	Text
1	Referral package forwarded to PHA
2	Voucher denied by PHA
3	Voucher issued by PHA
4	Voucher revoked or expired

5	Voucher in use - veteran moved into housing
6	Voucher was ported locally
7	Voucher was administratively absorbed by new PHA
8	Voucher was converted to Housing Choice Voucher
9	Veteran exited - voucher was returned
10	Veteran exited - family maintained the voucher
11	Veteran exited - prior to ever receiving a voucher
12	Other

V9.1 CMExitReason

Value	Text
1	Accomplished goals and/or obtained services and no longer needs CM
2	Transferred to another HUD/VASH program site
3	Found/chose other housing
4	Did not comply with HUD/VASH CM
5	Eviction and/or other housing related issues
6	Unhappy with HUD/VASH housing
7	No longer financially eligible for HUD/VASH voucher
8	No longer interested in participating in this program
9	Veteran cannot be located
10	Veteran too ill to participate at this time
11	Veteran is incarcerated
12	Veteran is deceased
13	Other

W1.2 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

W2.3 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

W3 NoAssistanceReason

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

W4.3 ViralLoadAvailable

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

W4.B TCellSource / ViralLoadSource

Value	Text
1	Medical Report
2	Client Report
3	Other

W5.1 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

W5.A Subsidy Information

Values from W5.A are as listed in the HMIS Data Dictionary; values from W5.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

Appendix C – HMIS CSV 2017 v1.2 Changes from 2014 v5.1

General

- **Version update** - text updated to refer to 2017 HMIS Data Standards (Dictionary and Manual) version 1.0.
- **Renumbering** - all fields and lists renumbered consistent with 2017 HMIS Data Dictionary
- Added Hash Status 4 for [SHA-256](#), the new RHY requirement.

Project.csv

- **2.2 Project Identifiers** - added *OperatingStartDate* and *OperatingEndDate*
- Added *VictimServicesProvider* and *HousingType* from **2.8 Additional Project Information**.

Funder.csv

- **2.6 Federal Partner Funding Sources** - revised 2.6.1 [list](#); 2.6.2 may no longer be null.

Inventory.csv

- *InventoryStartDate* may no longer be null
- Deleted *BedType*; added separate bed inventory fields for each bed type (*FacilityBedInventory*, *VoucherBedInventory*, *OtherBedInventory*) This change was noted in error.
- *YouthAgeGroup* - deleted

Geography.csv

- New file; replaces Site.csv.

Enrollment.csv

- *ProjectEntryID* renamed *EnrollmentID*
- *ResidencePrior* renamed to *LivingSituation*; [list](#) updated
- *ResidencePriorLengthofStay* renamed *LengthOfStay*
- *ResidentialMoveInDate* renamed *MoveInDate*
- *FYSB Youth* renamed *EligibleForRHY*
- Updated [list](#) for **R1 Referral Source** (formerly **4.34**).
- Added [list](#) for **V6 VAMC Station Code** and changed data type to S5 (list contains non-integer values).
- Added field *RunawayYouth* for **R2 RHY-BCP Status**. (formerly
- Deleted fields no longer collected in **R13 Family Critical Issues** (formerly **4.33**).
- Deleted fields for:
 - **4.1 Housing Status** (removed from data standards)
 - **4.35 A Commercial Sexual Exploitation (R15)** moved to Exit.csv)
 - **4.35 B Commercial Labor Exploitation (R16)** moved to Exit.csv)
 - **4.49 Use of Other Crisis Services** (removed from data standards)

Exit.csv

- *ProjectEntryID* renamed *EnrollmentID*
- Updated **3.12.1 Destination** [list](#).
- Deleted list of reasons for leaving voluntarily for deleted dependent field in **R17 Project Completion Status** (formerly **4.37**).

- **R17.A** *EarlyExitReason* now must be null unless *ProjectCompletionStatus* = 3.
- Added fields for:
 - **R15 Commercial Sexual Exploitation/Sex Trafficking** (moved from Enrollment.csv)
 - **R16 Labor Exploitation/Trafficking** (moved from Enrollment.csv)
 - **R18 Counseling** (new)
 - **R19 Safe and Appropriate Exit** (new)
 - **R20 Aftercare Plans** (new)
 - **V9 HUD-VASH Exit Information** (new)
- Deleted fields for data elements removed from the data standards:
 - **4.36 Transitional, Exit-care, or Aftercare Plans and Actions**
 - **4.38 Family Reunification Achieved**

IncomeBenefits.csv

- *ProjectEntryID* renamed *EnrollmentID*
- Deleted *RentalAssistanceOngoing* and *RentalAssistanceTemp* fields

HealthAndDV.csv

- *ProjectEntryID* renamed *EnrollmentID*

EmploymentEducation.csv

- *ProjectEntryID* renamed *EnrollmentID*

Disabilities.csv

- *ProjectEntryID* renamed *EnrollmentID*
- Deleted *DocumentationOnFile* and *ReceivingServices* for data elements **4.5-4.10**.
- Deleted *PATHHowConfirmed* and *PATHSMIInformation* for **4.9 Mental Health Problem** and **4.10 Substance Abuse**.

Services.csv

- *ProjectEntryID* renamed *EnrollmentID*
- Added *RecordType* 13 for **4.12 Contact** records created under 2017 HMIS Data Standards.
- Deleted *RecordType* 162 for **4.16B Referrals Provided - RHY** (removed from Data Standards).
- Updated list for **R14 RHY Service Connections**.

