U.S. Department of Housing and Urban Development

Office of Community Planning and Development

HUD HMIS Comma-Separated Value (CSV) Format Documentation

Version 3.03
Based on March 2010 HUD HMIS Data Standards
April 19, 2010 – Last Revised June 24, 2013

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1. Acknowledgements

This document was prepared by Simtech Solutions Inc. and Abt Associates Inc. for the U.S. Department of Housing and Urban Development (HUD), Office of Special Needs Assistance Programs in the Office of Community Planning and Development. Matthew Simmonds of Simtech Solutions Inc. is the primary author of this version of the format; however, the framework and concepts used rely heavily upon work done within previous versions of the exchange format authored by Eric Jahn of Alexandria Consulting and Brian Sokol of Abt Associates Inc.

As there were significant revisions made to the HUD HMIS Data Standards, significant changes were also required in the CSV exchange format. Eric Jahn and Brian Sokol provided continuous support and guidance throughout the process to help ensure the CSV format and the sister format, Version 3.0 of the HUD XML Format, are in line with each other as well as the HUD Data Standards.

2. Revision History

Date	Version	Description	Author
5/10/10	V3.01	Added missing picklist values for the Export.csv table.	MDS
5/26/10	V3.01	Changed FundingCategory field to include two decimals to support sub-categories.	MDS
6/15/10	V3.02	Added details on the usage of the SiteID field, corrected the key structure on the diagram of client tables, and added data handling instructions for attributing data to a program entry or exit.	MDS
6/28/10	V3.02	Added DataCollectionStage element to both the ClientHistorical.csv and IncomeBenefits.csv tables. Clarified that records must be unique per date. Detailed that ServiceEvent.csv records must exist for each member of a household receiving HPRP Financial Assistance and Services. Changed OrganizationID, ProgramID and SiteID to be variables.	MDS
8/3/10	V3.03	Changed HoursWorkedLastWeek from a length of 6 to a length of 3, made FundingCategory only required for ServiceEventType of 1 and 2, and added a relationship to HeadofHousehold of "other, non-family"	MDS
10/7/10	V3.03	Updated field lengths from 1 to 2 for war zone, highest school level, and service era.	MDS
8/3/11	V3.03	Removed underscores from table names in text and diagrams throughout for consistency. Added clarity on the ServiceEventEnd Dates that they must be included for services that are not ongoing.	MDS
10/1/12	V3.03	Removed special characters such as / and ? from field names in ServiceEvent.csv and spaces in other field names that are referenced throughout.	MDS
10/24/12	V3.03	Clarify relationships between client-specific files and data handling rules; minor edits.	MMcE
6/24/13	V3.03	Updated list of variables for the ProgramTypeCode field within AgencyProgram.csv to accommodate new program types. Updated field length of ProgramTypeCode from 1 to 2 to allow for new codes.	MDS

3. Overview of Changes from 2004 to 2010

The HUD HMIS CSV Format was originally based on the Homeless Management Information System (HMIS) Data and Technical Standards Final Notice published by HUD in 2004. In March 2010, to accommodate the data collection and reporting requirements for HPRP and to meet other needs, HUD published the HMIS Data Standards – Revised Notice. This document is a revision of the HMIS CSV Format consistent with the 2010 HMIS Data Standards. An overview of significant differences between the 2004 data standards and the 2010 data standards can be found in Section 1.2 of the *Revised Notice*. The intent of this documentation is not to summarize these changes but to cover how the data exchange standards have been defined in order to meet the needs outlined within the current version 3.x of the HMIS CSV Format.

One of the most significant changes found in the 2010 HMIS Data Standards is the addition of a section on Program Descriptors that are used to collect housing inventory and other pertinent program information. Program information must be updated at least annually however client specific information will change more frequently. For this reason, the *HMIS CSV Format Documentation* is broken up into a section for tables that cover the *Program Descriptor Data Elements* found in Section 2 and another set of tables for *Client Information*. Client information includes both the Universal and Program-Specific Data Elements found in sections 3 and 4 respectively in the 2010 HMIS Data Standards.

The addition of the tables that cover the new program descriptor data elements, and new questions for HPRP and outreach, led to the HMIS CSV Format potentially having a large number of files. To reduce this, and subsequently reduce the data management burden, the new exchange format utilizes a new ServiceEvent file that will facilitate data exchange for four different types of HMIS data related to services as well as the exchange of accommodation information.

Version 3.03 of the HMIS CSV Format adheres to the structure of the 2010 HMIS Data Standards while including optional fields. These fields are designed to enable the automated transmission of information related to bed utilization while allowing for chronic homelessness determination, data sharing consent, and providing more in-depth tracking of financial assistance. More detailed information about optional fields is provided in the Table Structures section.

3.1 Note on 2010 HMIS Data Standards Versions

In June 2009, in order to accommodate the Congressionally mandated deadlines of American Recovery and Reinvestment Act (ARRA), HUD received "emergency clearance" from the Office of Management and Budget (OMB) for a revision to the data standards after an abbreviated Notice and Comment period. In March of 2010, HUD released the Revised Notice, the final version of the standards.

The only distinction between the June "final emergency" Standards and the July draft standards is that Section 4.15 "Client Outcome Measures" appears in the July version, but was not in the June version. This insertion caused a renumbering of June Section 4.15 "Optional Data Elements" to become Section 4.16 in the July version. The only significant change in the final version of the HUD HMIS Standards, released in March 2010, was not in the data structures but rather in the rules regarding the collection of disabling condition information.

4. Overview of the HUD HMIS CSV Format

4.1 Overall Data Model

The complete HMIS CSV standard includes eleven distinct tables/files; six contain client-specific information, another four contain information about the service provider infrastructure of the contributing data source, and one contains information on the export itself.

Not all files will necessarily be included in every export. Only the Export.csv table, which describes general information about the export itself, is mandatory. Within any specific export, there will be a *maximum* of one of each of the files. The following is a list of the eleven files:

4.1.1   Client-Specific Files

- *Client* - describes basic, generally unchanging information about a client. This file is usually present within a CSV data export, since many of the other files' records have a many-to-one relationship with the records in the Client.csv file.

- *ProgramParticipation* - contains records that represent a single period of service – from program entry date to program exit date – to a particular client for a particular program. This file includes data elements for which there is one and only one value per program enrollment, such as program entry and exit dates. Records are associated with the Client file by the *PersonalIdentificationNumber*. There may be multiple ProgramParticipation records for a given Client record if a client participated in multiple programs or entered and exited the same program multiple times.

- *ClientHistorical* - contains information that changes over time, including information that may change over the course of a client's enrollment in a particular program, as represented in ProgramParticipation. Records are associated with the Client file by the *PersonalIdentificationNumber*. Records are associated with the ProgramParticipation file

by the *PersonalIdentificationNumber*, the *ProgramID*, and the *AssessmentDate* in ClientHistorical as compared to the *EntryDate* and *ExitDate* in ProgramParticipation. Although there may be multiple ClientHistorical records for any given Client record and for any given record in ProgramParticipation, there should be no more than one ClientHistorical record per client per program on any one assessment date. Data collected at program entry or program exit must have an *AssessmentDate* that corresponds correspond to the entry/exit date in ProgramParticipation OR *DataCollectionStage* must be used.

- *IncomeBenefits* - contains information about a client's specific sources of income and non-cash benefits as of a given *AssessmentDate*, as collected in the Income and Sources (4.1) and Non-Cash Benefits (4.2) data elements. Other components of the same data elements are included in the ClientHistorical file. Records are associated with the ClientHistorical file by *PersonalIdentificationNumber*, *ProgramID*, and *AssessmentDate*. Because the data in IncomeBenefits includes only a part of the Income and Sources and Non-Cash Benefits data elements, the other part of which is in ClientHistorical, there should never be an IncomeBenefits record that does not associate to a record in ClientHistorical. There should be an IncomeBenefits record for each source for which there is a 'Yes' response in the Income and Sources or Non-Cash Benefits data elements. Data collected at program entry or program exit must have an *AssessmentDate* that corresponds correspond to the entry/exit date in ProgramParticipation OR *DataCollectionStage* must be used.

- *ServiceEvent* – contains information about specific services and financial assistance provided to a client. Records are associated with the ProgramParticipation file by *PersonalIdentificationNumber*, *ProgramID*, and *ServiceEventStartDate* as compared to the *EntryDate* and *ExitDate* in ProgramParticipation. ServiceEvent records may also reflect services that were provided outside of the context of a program enrollment.

- *OutcomeMeasures (Optional)* – Used to track progress/regress over time for the various life domains.

Client-Specific File Relationships
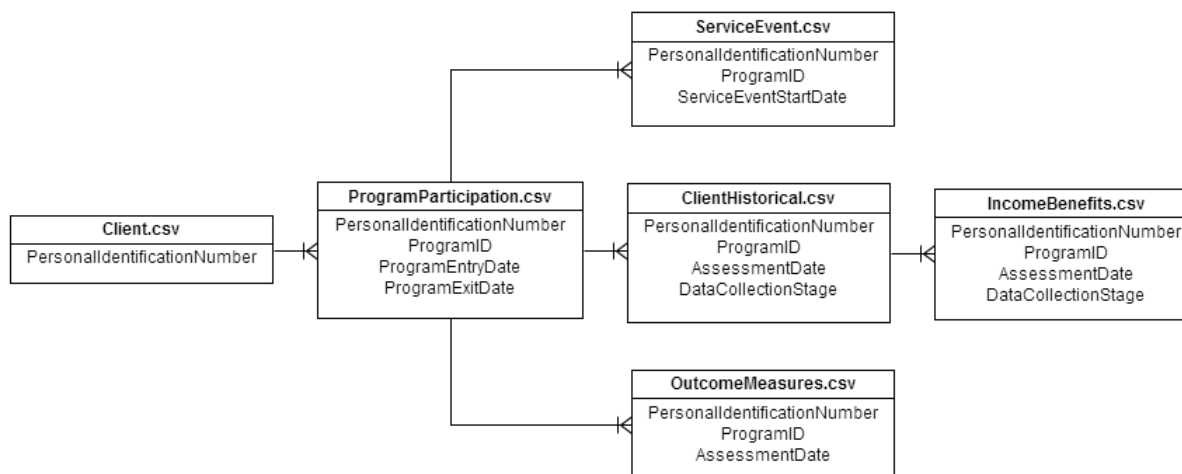
4.1.2   Program Descriptor Files

- *AgencyProgram* – information about the organization(s) and program(s) included in the data set.

- *BedInventory* – provides details on beds and units on a site by site basis.

- *Regions (Optional)* – to be used in conjunction with the SiteInformation table to properly associate program enrollments to a particular location, and the regions related to that location. Regions can be a HUD Continuum of Care, a HPRP entitlement region, or other geographic areas such school districts or Congressional districts.

- *SiteInformation* – contains site information as stipulated in the standards while allowing for multiple locations to be assigned to an agency.

Program Descriptor Files
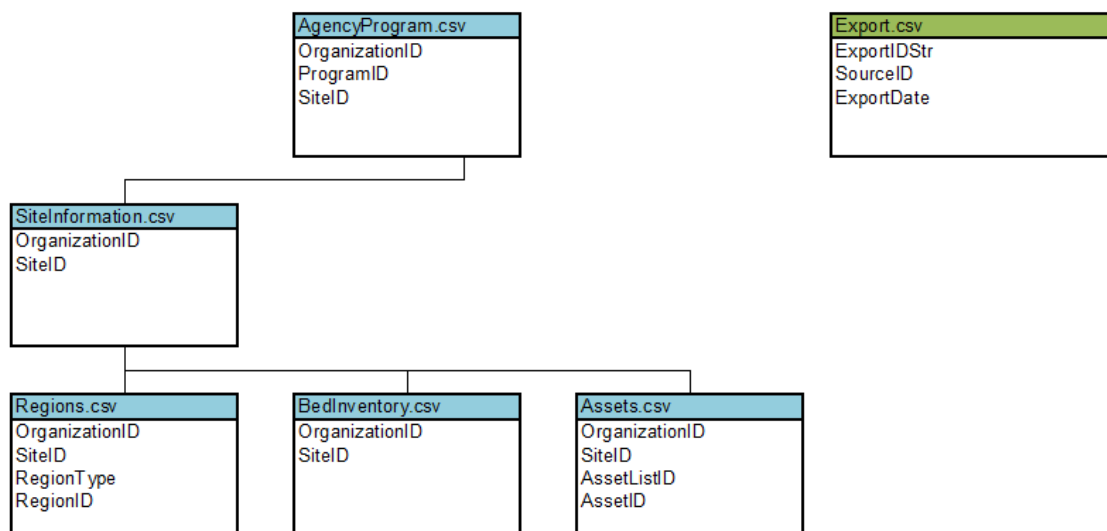
4.1.3 Data Exchange Control File

- *Export* - contains key fields to keep CSV files from the same export together. Export.csv also declares which other files are present within a given export. Within any single export there is at most one Export.csv file with at most one record within it. All records in the other files contain an *ExportIDStr* element to relate the records back to the general export information.

4.2 Data Handling Rules

The following rules are part of the HMIS CSV format and are mandatory for any data exchange in which the data being exchanged will be used to produce any part of a HUD Annual Performance Report (APR) or Annual Homeless Assessment Report (AHAR). In establishing data exchange between two systems for other purposes, parties may agree to alternative arrangements.

- Unless the use of a default value for a given data element is specifically permitted by the HMIS Data Standards, an export procedure may not insert default values for fields that do not have user-entered data at the time of the export; fields with no response must be exported as either an empty string or a null value. For example, if a client record includes no race data, an export of that record must reflect that with either a null value or an empty string in both PrimaryRace and SecondaryRace. It is not acceptable to create data by exporting a value that equates to 'No,' 'Don't Know,' or 'Refused' unless that is what a user entered.

- Only values that are included in the *Picklist Values* section should be exported for any given field. If a system has custom response categories for one or more data elements, the export process must 'translate' the custom responses to the most accurate equivalent standard response category. The only exception to this is in instances of data exchange

between systems which use the same custom responses. Custom responses should not be exported as 'Other' unless none of the standard response categories apply.

- Any field that might, under any circumstances, contain a comma should be padded with quotes, e.g., "Cheyenne, WY".
- All PersonalIdentificationNumbers must be unique.
- Dates should be formatted in MM/DD/CCYY (i.e. 12/25/2009) format.
- All tables should include a header row.

4.3   Transmitting Data

The documentation is set up to accommodate both a transmission that is intended to be a complete refresh of data contained in the target environment as well as one where data are kept within the target and updates are made to reflect any changes, additions or deletions. The data handling on the two approaches, referred to as a *refresh* and a *delta* transmission respectively, is triggered via a "Delta or Refresh" indicator in the Export.csv table. The nuances of each transmission type are described below:

1. Refresh (DeltaOrRefresh = 1)
    Under this approach all data for the transmitting organization is completely purged from the target database and reloaded with the data provided in the data transmission. To use this approach the new data should be the complete extract and not just the added, changed, or deleted records.

2. Delta (DeltaOrRefresh = 2)
    With this approach updates, additions and deletions of client information are handled on a client by client basis. The field *"Data Update/Delete Flag"* at the end of the Client ID file instructs the recipient of the data how to handle each record set. This is based on the values in this field as follows:

    U or blanks = Add/Update. This will refresh the complete set of data for a client. To use this approach the complete set of data for the client should be sent and not just the table that was added or changed. New clients marked with a U or blanks will be added to the target database.

    D = Delete. This will indicate that all traces of the client should be deleted from the target database.

4.4   Color Coding

Fields and their descriptions have been color coded within the documentation in an effort to help visually delineate changes and identify fields that have been added to the exchange format that are not part of the HMIS Data Standards. The color coding is as follows:

Red font – used to identify any new fields or changes to when data are collected.
Blue font – used to identify any fields that are not part of the 2010 HMIS Data Standards
Black font – used for any fields that were part of both the 2004 and 2010 Standards

4.5 Value Changes

The addition of new response categories, and the removal of others, caused the meaning of some values to change between the 2004 and 2010 standards. Below is a list of these values. Vendors should be aware of these changes and update old values to the new ones to protect the integrity of the data.

2004 HUD Field ID	2010 HUD Field ID	Field Name	HUD Value	2004 HUD Value Description	2010 HUD Value Description
3.10	4.10	Destination	10	Room, apartment, or house that you rent.	Rental by client, no housing subsidy
3.10	4.10	Destination	11	Apartment or house that you own.	Owned by client, no housing subsidy
NA	4.15B3	HighestEducationLevel	8	High School Diploma (HUD)	Don't Know
NA	4.15B3	HighestEducationLevel	9	GED (HUD)	Refused
3.13	4.15B3	HighestEducationLevel	10	Post-secondary school (HUD)	High School Diploma
NA	4.15E1	MilitaryServiceEras	8	Between WWI and WWII	Don't Know
NA	4.15E1	MilitaryServiceEras	9	World War I	Refused
3.09	4.15H	ServiceCode	8	Adult Education	Don't Know
3.09	4.15H	ServiceCode	9	Health Care	Refused
3.09	4.15H	ServiceCode	10	HIV/AIDS related services	Education
3.09	4.15H	ServiceCode	11	Mental Health Care/Counseling	HIV/AIDS related services
3.09	4.15H	ServiceCode	12	Substance Abuse Services	Mental Health Care/Counseling
3.09	4.15H	ServiceCode	13	Employment Services	Other Health Care
3.09	4.15H	ServiceCode	14	Case/Care management	Substance Abuse Services
3.09	4.15H	ServiceCode	15	Day Care	Employment Services
3.09	4.15H	ServiceCode	16	Personal Enrichment	Case/Care management
3.09	4.15H	ServiceCode	17	Outreach	Day Care
3.09	4.15H	ServiceCode	18	Other	Personal Enrichment

4.6 Description of Columns Used

The documentation is comprised of a section for Table Structures and another for Pick List Values. The following is a brief description on the meaning of each column used in the guide.

4.6.1 Table Structures/Layouts

Ref	2004 HUD Field ID #	2010 HUD Field ID#	Collected When?	Field Name	Data Type	Allow Null	Pick List?	Length

- **Ref** – This column has been included to provide a convenient reference to the data elements in the documentation. Number and sequential lettering are both provided. The

lettering reference will help locate particular fields when viewing CSV files in spreadsheet software, which generally label columns with letters.

- **HUD Field ID#s** - Used to quickly reference a field from one version of the standards to another. The field ID numbers are assigned to each field in the HMIS Data Standards. Values of "NA" (not applicable) are assigned to any fields in the exchange format that are not found in the standards for that year.

- **Collected When?** - This refers to the point in time the data is to be collected.

- **Field Name** – This is a descriptive name assigned to the field.

- **Data Type** – Data values stored in this field can be D=Date, N=Numeric, T=Time, or V=Variable.

- **Allow Null?** - Mandatory fields such as client ID, gender and entry date are marked with "Allow Null?" set to N (No) in the data formats. Optional fields are marked with Y (Yes).

- **Pick List?** – This column indicates whether or not this field requires standard values. A listing of valid values can be found for each field marked with "Y" for Yes in *Section 4. Picklist Values*.

- **Length** – This column indicates the acceptable length of any value stored in this field.

4.6.2   Picklist Values

Ref #	2004 HUD Field ID	2010 HUD Field ID	Field Name	Value Description	Code Value

- **Ref** – This column has been included to provide a convenient reference to the data elements in the documentation. Number and sequential lettering are both provided. The lettering reference will help locate particular fields when viewing CSV files in spreadsheet software, which generally label columns with letters.

- **HUD Field ID#s** - Used to quickly reference a field from one version of the standards to another. The field ID numbers are assigned to each field within both versions of the HMIS Data Standards. Values of "NA" (not applicable) are assigned to any fields in the exchange format that are not found in the standards for that year.

- **Field Name** – This is a descriptive name assigned to the field.

- **Value Description** – corresponds to the description associated with the numeric code.

- **Code Value** – this is the integer assigned to a particular description.

5. Table Structures

5.1 Client Information

5.1.1 Client.csv

Ref	2004 HUD Field ID #	2010 HUD Field ID#	Collected When?	Field Description	Data Type	Allow Null	Pick List?	Length
				CLIENT.csv				
1/A	NA	2.01	Both	OrganizationID	N	N	N	<=8
2/B	2.12	3.14	Entry	PersonalIdentificationNumber	V	N	N	<=32
3/C	2.01	3.01	Entry	LegalFirstName	V	N	N	<= 30
4/D	2.01	3.01	Entry	LegalMiddleName	V	Y	N	<= 30
5/E	2.01	3.01	Entry	LegalLastName	V	Y	N	<= 30
6/F	2.01	3.01	Entry	LegalSuffix	V	Y	N	<= 30
7/G	2.02	3.02	Entry	SocialSecurityNumber	V	Y	N	<=11
8/H	2.02	3.02	Entry	SocialSecNumberQualityCode	V	Y	Y	<= 1
9/I	2.03	3.03	Entry	DateOfBirth	D	Y	N	<=10
10/J	NA	3.03	Entry	DateOfBirthQualityCode	V	Y	Y	<= 1
11/K	2.04	3.04	Entry	PrimaryRace	V	Y	Y	<= 1
12/L	2.04	3.04	Entry	SecondaryRace	V	Y	Y	<= 1
13/M	2.04	3.05	Entry	Ethnicity	V	Y	Y	<= 1
14/N	2.05	3.06	Entry	Gender	V	N	Y	<= 1
15/O	NA	NA	Auto	DateAdded	D	Y	N	<=10
16/P	NA	NA	Auto	DateUpdated	D	Y	N	<=10
17/Q	NA	NA	NA	UpdateOrDelete	V	Y	Y	<=1
18/R	NA	NA	Entry	IdentityVerification	V	Y	Y	<=1
19/S	NA	NA	Entry	ReleaseOfInformation	V	Y	Y	<=1
20/T	NA	NA	NA	ExportIDStr	V	Y	N	<=32

Client Fields not in the HMIS Data Standards

- *UpdateOrDelete* –Updates, additions and deletions of client information can be handled on a record by record basis for any transmission where the export is a delta transmission. See the description and rules on using the flag as outlined in Section 3.3 Transmitting Data.

- *IdentityVerification* – The intent of this field is to lend confidence to data that is to be used in any unduplication efforts. Data collected from sources where identification has not been provided will likely have a higher tendency for blank or invalid names, dates of birth, and social security numbers which are all instrumental in uniquely identifying one client from another.

- *ReleaseOfInformation* – This field is to be used to capture client consent to share data with others.

5.1.2   ProgramParticipation.csv (Entry/Exit)

Ref	2004 HUD Field ID #	2010 HUD Field ID#	Collected When?	Field Description	Data Type	Allow Null	Pick List?	Length
				ProgramParticipation.csv				
1/A	2.12	3.14	Both	PersonalIdentificationNumber	V	N	N	<=32
2/B	NA	2.01	Both	OrganizationID	V	N	N	<=8
3/C	2.13	2.03	Both	ProgramID	V	N	N	<=8
4/D	NA	2.06	Setup	SiteID	N	N	N	<=8
5/E	2.10	3.12	Entry	EntryDate	D	N	N	<=10
6/F	2.11	3.13	Exit	ExitDate	D	Y	N	<=10
7/G	NA	NA	Both	DateUpdated	D	N	N	<=10
8/H	2.06	3.07	Entry	VeteranStatus	V	Y	Y	<=1
9/I	2.07	3.08	Entry	DisablingCondition	V	Y	Y	<=1
10/J	2.08	3.09A	Entry	PriorResidence	V	Y	Y	<=2
11/K	2.08	3.09B	Entry	LengthOfStayAtPriorResidence	V	Y	Y	<=1
12/L	2.09	3.10A	Entry	ZIPCode	V	Y	N	<=5
13/M	2.09	3.10B	Entry	ZIPQualityCode	V	Y	Y	<=1
14/N	NA	3.11	Entry	HousingStatusAtEntry	V	Y	Y	<=1
15/O	NA	3.11	Exit	HousingStatusAtExit	V	Y	Y	<=1
16/P	2.14	3.15	Entry	HouseholdIdentificationNumber	V	Y	N	<=20
17/Q	3.10	4.10	Exit	Destination	V	Y	Y	<=2
18/R	3.11	4.15G	Exit	ReasonForLeaving	V	Y	Y	<=2
19/S	NA	NA	Entry	RelationshipToHeadOfHousehold	V	Y	Y	<=1
20/T	NA	NA	Entry	HUDChronicHomeless	V	Y	Y	<=1
21/U	NA	NA	NA	ExportIDStr	V	Y	N	<=32

ProgramParticipation Fields Not in the HMIS Data Standards

- *RelationshipToHeadofHousehold* – Used to ascertain the relationship between the client and the head of household. This can be left blank for all individuals.

- *ChronicallyHomeless* – This element is used to capture whether or not the intake worker has ascertained whether or not the client is chronically homeless in accordance with HUD's guidelines. Local implementations might also use this field to capture tiers of homelessness for families as well by using response values other than 0 or 1.

5.1.3   ClientHistorical.csv

Ref	2004 HUD Field ID #	2010 HUD Field ID#	Collected When?	Field Description	Data Type	Allow Null	Pick List?	Length
				ClientHistorical.csv				
1/A	2.12	3.14	During Stay	PersonalIdentificationNumber	V	N	N	<=32
2/B	NA	2.01	During Stay	OrganizationID	V	N	N	<=8
3/C	2.13	2.03	During Stay	ProgramID	V	N	N	<=8
4/D	NA	2.06	Setup	SiteID	V	N	N	<=8
5/E	NA	NA	During Stay	AssessmentDate	D	N	N	<=10
6/F	NA	NA	During Stay	DateUpdated	D	N	N	<=10
7/G	3.01	4.01A	Once/Year	IncomeTotalMonthly	$	Y	N	<=7,2
8/H	NA	4.01C	Once/Year	IncomeLast30Days	V	Y	Y	<=2
9/I	NA	4.02A	Once/Year	NonCashBenefitsLast30Days	V	Y	Y	<=2
10/J	3.03	4.03A	Once/Year	PhysicalDisability	V	Y	Y	<=1
11/K	NA	4.03B	Once/Year	ReceivePhysicalDisabilityServices	V	Y	Y	<=1
12/L	3.04	4.04A	Once/Year	HasDevelopmentalDisability	V	Y	Y	<=1
13/M	NA	4.04B	Once/Year	ReceiveDevelopmentalDisabilityServices	V	Y	Y	<=1
14/N	NA	4.05A	Once/Year	HasChronicHealthCondition	V	Y	Y	<=1
15/O	NA	4.05B	Once/Year	ReceiveChronicHealthServices	V	Y	Y	<=1
16/P	3.05	4.06A	Once/Year	HasHIVAIDS	V	Y	Y	<=1
17/Q	NA	4.06B	Once/Year	ReceiveHIVAIDSServices	V	Y	Y	<=1
18/R	3.06	4.07A	Once/Year	HasMentalHealthProblem	V	Y	Y	<=1
19/S	3.06	4.07B	Once/Year	MentalHealthIndefinite	V	Y	Y	<=1
20/T	NA	4.07C	Once/Year	ReceiveMentalHealthServices	V	Y	Y	<=1
21/U	3.07	4.08A	Once/Year	HasSubstanceAbuseProblem	V	Y	Y	<=1
22/V	3.07	4.08B	Once/Year	SubstanceAbuseIndefinite	V	Y	Y	<=1
23/W	NA	4.08C	Once/Year	ReceiveSubstanceAbuseServices	V	Y	Y	<=1
24/X	3.08	4.09A	Once/Year	DomesticViolenceSurvivor	V	Y	Y	<=1
25/Y	3.08	4.09B	Once/Year	DVOccurred	V	Y	Y	<=1
26/Z	3.12	4.15A1	Once/Year	CurrentlyEmployed	V	Y	Y	<=1
27/AA	3.12	4.15A2	Once/Year	HoursWorkedLastWeek	N	Y	N	<=3
28/AB	3.12	4.15A3	Once/Year	EmploymentTenure	V	Y	Y	<=1
29/AC	3.12	4.15A4	Once/Year	LookingForWork	V	Y	Y	<=1
30/AD	3.13	4.15B1	Once/Year	CurrentlyInSchool	V	Y	Y	<=1
31/AE	3.13	4.15B2	Once/Year	VocationalTraining	V	Y	Y	<=1
32/AF	3.13	4.15B3	Once/Year	HighestSchoolLevel	V	Y	Y	<=2
33/AG	3.13	4.15B4	Once/Year	Degree	V	Y	Y	<=1
34/AH	3.14	4.15C	Once/Year	HealthStatus	V	Y	Y	<=1
35/AI	3.15	4.15D	During Stay	PregnancyStatus	V	Y	Y	<=1
36/AJ	3.15	4.15D	During Stay	DueDate	D	Y	N	<=10
37/AK	3.16	4.15E1	During Stay	ServiceEra	V	Y	Y	<=2
38/AL	3.16	4.15E2	During Stay	MilitaryServiceDuration	N	Y	N	<=3
39/AM	3.16	4.15E3	During Stay	ServedInWarZone	V	Y	Y	<=1
41/AO	3.16	4.15E4	During Stay	WarZone	V	Y	Y	<=2
42/AP	3.16	4.15E5	During Stay	MonthsInWarZone	N	Y	N	<=3

Ref	2004 HUD Field ID #	2010 HUD Field ID#	Collected When?	Field Description	Data Type	Allow Null	Pick List?	Length
				ClientHistorical.csv				
43/AQ	3.16	4.15E6	During Stay	ReceivedFire	V	Y	Y	<=1
44/AR	3.16	4.15E7	During Stay	MilitaryBranch	V	Y	Y	<=1
45/AS	3.16	4.15E8	During Stay	DischargeStatus	V	Y	Y	<=1
46/AT	3.13	4.15F1	Once/Year	ChildCurrentlyEnrolledInSchool	V	Y	Y	<=1
47/AU	3.17	4.15F2	Once/Year	ChildSchoolName	V	Y	N	<=100
48/AV	NA	4.15F3	Once/Year	ChildMcKinneyVentoLiaison	V	Y	Y	<=1
49/AW	3.17	4.15F4	Once/Year	ChildSchoolType	V	Y	Y	<=1
50/AX	3.17	4.15F5	Once/Year	ChildSchoolLastEnrolledDate	D	Y	N	<=10
51/AY	3.17	4.15F	Once/Year	ChildEnrollmentBarrier	N	Y	N	<=2
52/AZ	NA	NA	NA	ExportIDStr	V	Y	N	<=32
53/BA	NA	NA	NA	DataCollectionStage	V	Y	Y	<=1

The ClientHistorical.csv table contains a variety of types of information including disabling conditions, veteran information, children's education, employment and income. These varied types of information are not always updated on the same date but must be associated together. To ensure this, any existing information collected in the ClientHistorical.csv table from within the client's enrollment must be brought forward and included with the information that was updated as to not create partial ClientHistorical.csv records.

ClientHistorical fields not found in the HMIS Data Standards
DataCollectionStage – As the HMIS Data Standards do not prescribe how income data are to be attached to a program enrollment, some vendors may select to use this field as an indicator of whether IncomeBenefits information is for entry, during, exit or follow up. If this field is not utilized, the determination will be made by matching AssessmentDate to the EntryDate and ExitDate from ProgramParticipation.csv. ***To reiterate, the AssessmentDate must match the entry or exit dates in the ProgramParticipation.csv table if they are for an entry or exit assessment OR the DataCollectionStage field must be used.***

Some might consider adding a column for *HourlyWageRate* to collect as it may catch cases of incorrect calculation of EarnedIncome. A common mistake in calculating EarnedIncome is to multiply the weekly wages by 4 in order to derive a total monthly income when there is actually an average of 4.33 weeks in a month. By using this field and the HoursWorkedLastWeek a check figure can be created to audit the EarnedIncome value.

5.1.4   IncomeBenefits.csv

Ref	2004 HUD Field ID #	2010 HUD Field ID#	Collected When?	Field Description	Data Type	Allow Null	Pick List ?	Length
				IncomeBenefits.csv				
1/A	2.12	3.14	During Stay	PersonalIdentificationNumber	V	N	N	<=32
2/B	NA	2.01	During Stay	OrganizationID	V	N	N	<=8
3/C	2.13	2.03	During Stay	ProgramID	V	N	N	<=8
4/D	NA	2.06	Setup	SiteID	V	N	N	<=8
5/E	NA	NA	During Stay	AssessmentDate	D	N	N	<=10
6/F	NA	NA	During Stay	DateUpdated	D	N	N	<=10
7/G	NA	NA	During Stay	IncomeBenefitType	V	N	Y	<=1
8/H	3.01	4.01	During Stay	SourceCode	V	N	Y	<=2
9/I	3.01	4.01	During Stay	SourceOther	V	Y	N	<=30
10/J	3.01	4.01	During Stay	MonthlyAmount	N	Y	N	<=7,2
11/K	NA	NA	NA	ExportIDStr	V	Y	N	<=32
12/L	NA	NA	NA	DataCollectionStage	V	Y	Y	<=1

IncomeBenefits fields not found in the HMIS Data Standards

- *IncomeBenefitType* – Used as a control field to indicate whether the record contains information on client income sources or non-cash benefit information.

- *DataCollectionStage* – As the HMIS Data Standards do not prescribe how income assessments are to be attached to the program episode, some vendors may select to use this field as an indicator of whether IncomeBenefits information is for entry, during, exit or follow up. If this field is not utilized, the determination will be made by matching AssessmentDate to the EntryDate and ExitDate from ProgramParticipation.csv.

5.1.5   ServiceEvent.csv

Ref	2004 HUD Field ID #	2010 HUD Field ID#	Collected When?	Field Description	Data Type	Allow Null	Pick List ?	Length
				ServiceEvent.csv				
1/A	2.12	3.14	Any Time	PersonalIdentificationNumber	V	N	N	<=32
2/B	NA	2.01	Any Time	OrganizationID	V	N	N	<=8
3/C	2.13	2.03	Any Time	ProgramID	V	N	N	<=8
4/D	NA	2.06	Setup	SiteID	V	N	N	<=8
5/E	NA	NA	Work Field	ServiceEventType	V	N	Y	<=1
6/F	3.09	4.15H1	Any Time	ServiceEventStartDate	D	N	N	<=10
7/G	3.09	NA	Any Time	ServiceEventEndDate	D	Y	N	<=10
8/H	3.09	Multipl	Any Time	ServiceCode	V	Y	Y	<=2
9/I	3.09	NA	Any Time	ServiceAIRSCode	V	Y	N	<=15
10/J	3.09	NA	Any Time	IsReferral	V	Y	Y	<=1
11/K	NA	NA	Any Time	QuantityFrequency	N	Y	N	<=8

Ref	2004 HUD Field ID #	2010 HUD Field ID#	Collected When?	Field Description	Data Type	Allow Null	Pick List ?	Length
				ServiceEvent.csv				
12/L	NA	4.13D	Any Time	FinancialAssistanceAmount	$	Y	N	<=7,2
13/M	NA	NA	Any Time	FundingCategory	V	Y*	Y	<=3,2
14/N	NA	NA	Any Time	GrantIDNumber	V	Y	N	<=10
15/O	NA	NA	Any Time	IsRecurring	V	Y	Y	<=1
16/P	NA	NA	Any Time	PeriodInterval	V	Y	Y	<=1
17/Q	NA	NA	Any Time	AdvanceArrears	V	Y	Y	<=1
18/R	NA	4.11A	Any Time	ContactTime	T	Y	N	<=8
19/S	NA	4.11B	Any Time	ContactSite	V	Y	Y	<=1
20/T	NA	4.12	Any Time	ClientEngaged	V	Y	Y	<=1
21/U	NA	NA	Any Time	AssetListID	V	Y	N	<=10
22/V	NA	NA	Any Time	AssetID	V	Y	N	<=10
23/W	NA	NA	Any Time	DomainIDCode	N	Y	Y	<=2
24/X	NA	NA	NA	DateUpdated	D	Y	N	<=10
25/Y	NA	NA	NA	ExportIDStr	V	Y	N	<=32

*Note: FundingCategory is a required field for ServiceEventType 1 and 2.

In order to reduce data entry burden on staff when entering data for families receiving either HPRP financial assistance or services HUD provided the option of assigning this to one member of the household and the reporting logic would need to adjust to count the total number of people served. To support proper accounting of the total number of people in households that receive HPRP service or financial assistance it is essential that a transaction record be passed per client per HPRP service received. As an example, if a family of four receives security deposit assistance then there must be four security deposit records in the ServiceEvent.csv table.

ServiceEvent fields not found in the HMIS Data Standards

- *ServiceEventType* - The ServiceEvent table meets five separate reporting needs within the HMIS Data and Technical Standards, which have overlapping data collection requirements. Each type of service is distinguished by a ServiceEventType Code. The reporting fields that will utilize the ServiceEvent table for data exchange purposes are as follows:

ServiceEventType	ServiceEvent Description	HUD Field ID
0	Accommodation Service (beds and units)	NA
1	HPRP – Financial Assistance	4.13
2	HPRP – Housing Relocation & Stabilization	4.14
3	Outreach and Engagement Services	4.11-4.12
4	HUD Services	4.15

ServiceEventEndDate – This field should be populated with the ServiceEventStartDate value for any one time services that occur during the daytime. For programs that track the provision of lodging as a service, the date that the client departs should be used as the *ServiceEventEndDate*. Some programs may check clients out nightly, and therefore have

multiple ServiceEvent.csv records, whereas others may have clients with ServiceEvent.csv records that cover extended periods.

- *ServiceCode* – These codes are not unique and rely on the ServiceEventType to differentiate the meaning of one from another.

- *ServiceAIRSCode* - this is the code value assigned to the service type through the AIRS 211 Taxonomy. Details on the taxonomy can be found at http://www.211Taxonomy.org.

- *IsReferral* – used to indicate whether or not a service was provided internally by an external entity.

- *QuantityFrequency* – The intent of this field is to enable users to quantify the units of assistance provided. An example of how this might be bus passes valued at $2 each. If 15 passes were provided then the FinancialAssistanceAmount would be $2 and the quantity would be 15 for a total derived value of $30.

- *FundingCategory* – The intent of this field is to allow for the capture of non-HPRP funding sources for the purposes of having a complete picture as to the financial assistance provided. Decimals can be used to denote subcategories within a particular funding source however due to the sheer volume of funding sources both the sender and receiver of data will need to define how the decimals are to be assigned to funding sources. For example, if a state were to have two separate funding sources they wish to track they might assign a value of 2.10 for the first and 2.20 for the second.

- *GrantIDNumber* –ID number assigned by funding source, if provided. Federal grant ID numbers, known as CFDA numbers, are available at http://www.gsa.gov/

- *IsRecurring* – The recurring flag is used to delineate between one time (I,e, non-recurring) assistance and assistance that is intended to repeat.

- *PeriodInterval* – This field is only required for recurring payments and is intended to discern between daily, weekly, bi-weekly, monthly, semi-annual and annual payments.

- *AdvanceArrears* – Used to denote whether a payment is made for services/goods already rendered.

- *ContactTime* – The time stamp field is to be formatted as HH:MM:SS and used in conjunction with the ServiceEventStartDate to indicate the date and time a contact was made.

- *AssetListID and AssetID* - Can be used to gather information about particular bed or unit usage and may also be used for tracking of other assets such as blankets or socks. Having this information can help with such innovations as a centralized placement model and/or driving referrals to open units/beds and might also be used as a basis for an inventory management system with integrated donation management.

Use of ServiceEvent.csv for Distinct Reporting Requirements

The table below outlines the fields in ServiceEvent.csv that should be used for each transaction type.

	Accommodation Service (0)	HPRP-Financial Assistance (1)	HPRP-Housing Relocation & Stabilization (2)	Outreach and Engagement (3)	Services Provided (4)
PersonalIdentificationNumber	X	X	X	X	X
OrganizationID	X	X	X	X	X
Program ID	X	X	X	X	X
ServiceEvent Type	0	1	2	3	4
ServiceEventStartDate	X	X	X	X	X
ServiceEventEndDate	O	O	O	O	O
ServiceCode	X-Use Code 21	X - Use codes 1 to 5 from 4.13	X - Use codes 1 to 5 from 4.14	X - use code 20 from 4.15H	X - Use codes 1 to 20 from 4.15H
ServiceAIRSCode	BH-*	O	O	O	X
IsReferral	X	X	X	X	X
Quantity/Frequency	X	X	X	X	X
FinancialAssistanceAmount	NA	X	NA	NA	NA
FundingCategory	NA	1	1	NA	NA
IsRecurring	O	O	O	O	O
PeriodInterval	O	O	O	O	O
AdvanceArrears	NA	O	NA	NA	NA
ContactTime	NA	NA	NA	X	NA
ContactSite	NA	NA	NA	X	NA
ClientEngaged	NA	NA	NA	X	NA
AssetListID	O	NA	NA	NA	NA
AssetID	O	NA	NA	NA	NA
DomainIDCode	O	O	O	O	O
DateUpdated	X	X	X	X	X
ExportIDStr	X	X	X	X	X

O   = Optional for Service Event Type

NA   = Not Applicable

X   = Required for Service Event Type

Example of How to Use the Optional HPRP-Financial Assistance Fields

To demonstrate how to use the additional fields found in the HUD CSV Exchange Format for tracking financial assistance let us use an example. In this case, let us assume a client was served on 11/01/2009 and provided $3000 to cover three months of arrearage rental payments of $1000 each AND this were to be followed by 12 months of ongoing subsidy of $500 per month.

The rental arrearage component of the assistance could be tracked as:

ServiceEventStartDate = 11/01/2009

ServiceEventEndDate = 11/01/2009

ServiceEventType = 1 (HPRP Financial Assistance)

ServiceCode = 1 (Rental Assistance)

QuantityFrequency = 3

FinancialServicesAmount = $3000

IsRecurring = 0 (no)

PeriodInterval = 3 (monthly)

AdvanceArrears = 1 (Arrears)

It is important that both the sender and recipient understand that the FinancialServicesAmount for an arrearage is for the total amount of the transaction as this is a non-recurring charge. The *QuantityFrequency* field is set to 3 to allow for counting the number of months that have already been covered by the arrearage payment to ensure that the subsidy is limited to the eighteen month limit.

The ongoing rental assistance component could be tracked one of two ways as follows:

With one transaction every three months*:
ServiceEventStartDate = 11/01/2009
ServiceEventEndDate = 10/31/2010
ServiceEventType = 1 (HPRP Financial Assistance)
ServiceCode = 1 (Rental Assistance)
QuantityFrequency = 3
FinancialServicesAmount = $1500
IsRecurring = 1 (yes)
PeriodInterval = 3 (monthly)
AdvanceArrears = 0 (Advance)

*NOTE: According to the HUD Data and Technical Standards, programs that provide on-going rental assistance for consecutive months (i.e., short-term rental assistance for two to three months or medium-term rental assistance) must minimally enter one *Financial Assistance Provided* record for each three-month period of consecutive rental assistance. It is important that both the sender and recipient understand that the FinancialServicesAmount for an advance is set to the total amount of assistance per quarter and not the amount disbursed per month. Both the sender and recipient would need to agree that they can support accounting for ongoing Financial Assistance using one transaction record if that approach is to be taken.

With multiple transaction records:
ServiceEventStartDate = 11/01/2009, 12/01/09, 1/1/10, etc. (the check date)
ServiceEventEndDate = 11/01/2009, 12/01/09, 1/1/10, etc. (the check date)
ServiceEventType = 1 (HPRP Financial Assistance)
ServiceCode = 1 (Rental Assistance)
QuantityFrequency = 1
FinancialServicesAmount = $500
IsRecurring = 0 (no)
PeriodInterval = 3 or blank (disbursement is monthly but since only one record per month PeriodInterval is not necessary)
AdvanceArrears = 0 or blank (Advance)

5.2 Program Descriptor Data Elements

5.2.1   Regions.csv

Ref	2004 HUD Field ID #	2010 HUD Field ID#	Collected When?	Field Description	Data Type	Allow Null	Pick List?	Length
				REGIONS.csv				
1/A	NA	2.01	Setup	OrganizationID	V	N	N	<=8
2/B	NA	2.06	Setup	SiteID	V	N	N	<=8
3/C	NA	NA	Setup	RegionType	V	N	Y	<=2
4/D	NA	2.07	Setup	RegionID	V	N	N	<=8
5/E	NA	NA	Setup	RegionDescription	V	N	N	<=30
6/F	NA	NA	Setup	DateUpdated	D	N	N	<=10
7/G	NA	NA	Setup	ExportIDStr	V	Y	N	<=32

Description of fields not found in the HMIS Data Standards

- *Region Type* – used to delineate between geographic regions which may include HUD continuums, HPRP entitlement regions, or other types as needed.

5.2.2   AgencyProgram.csv

Ref	2004 HUD Field ID #	2010 HUD Field ID#	Collected When?	Field Description	Data Type	Allow Null	Pick List?	Length
				AgencyProgram.csv				
1/A	NA	2.01	Setup	OrganizationID	V	N	N	<=8
2/B	NA	2.02	Setup	OrganizationName	V	N	N	<=100
3/C	NA	2.03	Setup	ProgramID	V	N	N	<=8
4/D	NA	2.04	Setup	ProgramName	V	N	N	<=100
5/E	NA	2.05	Setup	DirectServiceCode	V	N	Y	<=1
6/F	NA	NA	Setup	SiteID	V	N	N	<=8
7/G	NA	2.06A	Setup	SiteConfigurationType	V	N	Y	<=1
8/H	NA	2.08	Setup	ProgramTypeCode	V	N	Y	<=2
9/I	NA	2.10	Setup	TargetPopulationA	V	N	Y	<=2
10/J	NA	2.11	Setup	TargetPopulationB	V	Y	Y	<=2
11/K	NA	2.12	Setup	TrackingMethod	V	N	Y	<=1
12/L	NA	2.13	Setup	GranteeIdentifier	V	Y	N	<=10
13/M	NA	NA	Setup	ReceivesMcKinneyFunding	V	Y	N	<=1
14/N	NA	NA	Setup	DateCreated	D	Y	N	<=10
15/0	NA	NA	Setup	DateUpdated	D	Y	N	<=10
16/P	NA	NA	Setup	ExportIDStr	V	Y	N	<=32

Description of fields not found in the HMIS Data Standards

- *SiteID* – see the description under the SiteInformation.csv table.
- *ReceivesMcKinneyFunding* –used to indicate any programs that receive McKinney Funds

5.2.3   SiteInformation.csv

Ref	2004 HUD Field ID #	2010 HUD Field ID#	Collected When?	Field Description	Data Type	Allow Null	Pick List?	Length
				SITEINFORMATION.csv				
1/A	NA	2.10	Setup	OrganizationID	V	N	N	<=8
2/B	NA	2.06	Setup	SiteID	V	N	N	<=8
3/C	NA	2.06B	Setup	Address	V	N	N	<=100
4/D	NA	2.06B	Setup	City	V	N	N	<=60
5/E	NA	2.06B	Setup	State	V	N	N	<=2
6/F	NA	2.06B	Setup	ZipCode	N	N	N	<=5
7/G	NA	2.06C	Setup	GeographicCode	N	N	N	<=6
8/H	NA	2.06D	Setup	SiteServiceType	V	N	Y	<=1
9/I	NA	2.06E	Setup	HousingType	V	N	Y	<=1
10/J	NA	NA	Setup	DateUpdated	D	N	N	<=10
11/K	NA	NA	Setup	ExportIDStr	V	N	N	<=32

Description of fields not found in the HMIS Data Standards

SiteID – this field is used to reference back to the SiteInformation.csv table from other client related tables so that a program operating at multiple programs can track activity that occurs at each location. HMIS vendors that do not currently support this level of data collection have the option to default the ProgramID into the SiteID as well.

The SiteID field was added to the HUD CSV data exchange format to accommodate the need for reporting by program for such reports as the APR, as well as by actual location, as might be required by region specific reports such as the HPRP QPR and the HUD AHAR. This was also added to aid those programs that operate in multiple Continuums of Care so that a program-wide report can be run as well as one that is specific to a CoC. Having the program enrollment at the site level enables developers to tie out the number of people in the beds at a particular location with the actual number of beds at that are present so that capacity utilization can be done.

To achieve the goal of creating a region specific report a common approach is to just have the agency set up different programs for each funding region which will work for such region specific reports as the QPR. There are instances however when a program administrator may wish to run a report, such as the APR, for all operating locations that a program operates out of. If separate programs were created for each reporting jurisdiction then the report administrator would have to stitch together data from each separate program that was set up for each location. This would then have to be unduplicated to prevent double counting of the same client that was served at each location before a program-wide summary report could be generated from it. The SiteID field alleviates this burden by allowing sites to be assigned to regions of different types as defined in the Regions.csv table. Programs can be assigned to operate out of multiple locations that are in various regions. If a client is enrolled into a program location then both program specific and region specific reports can be created with ease.

The SiteID field can be used to satisfy these various reporting needs but since it is not a HUD required field there needs to be flexibility to not require an overhaul for systems that do not currently support this level of specificity. HMIS vendors have two options when deciding how to

adopt the SiteID concept within the data exchange as follows:

1) For HMIS software that enroll at the program *location* level...
In the set up of the HMIS, each location that an agency operates in would need to be added to a separate section. Each location would have a SiteId assigned to it and would have the address attributes outlined in the SiteInformation.csv table layout. Agency administrators would select which programs they operate and would need to assign these programs to each physical location that they operate out of. Many, such as a large emergency shelter, would have a 1 to 1 relationship whereas others such as a scattered site family program might operate out of several. When clients are enrolled into a program the address that they are being enrolled at would be selected first. A list of programs that are operated out of that location could then be displayed after which the client can be enrolled into that location. In these instances, the client's record would have both a unique SiteId and a ProgramID.

2) For HMIS software that enroll at the program level...
In cases where the HMIS is set up in such a way that each program operates out of only one location then the ProgramID can be used to populate the SiteID field as well. Site/location specific actions would ideally still be recorded in the ServiceEvent.csv table as to allow for proper capacity utilization calculations. Beds should be tracked using a ServiceEventType of 0, an AIRS code with the "BH" prefix and the ServiceCode of 21 to help ensure clients are recorded as only being in one physical location at a time.

5.2.4   BedInventory.csv

Ref	2004 HUD Field ID #	2010 HUD Field ID#	Collected When?	Field Description	Data Type	Allow Null	Pick List?	Length
				BEDINVENTORY.csv				
1/A	NA	2.01	Setup	OrganizationID	V	N	N	<=8
2/B	NA	2.03	Setup	ProgramID	V	N	N	<=8
3/C	NA	2.06	Setup	SiteID	V	N	N	<=8
4/D	NA	2.09	Setup	AssetListID	V	N	N	<=10
5/E	NA	2.09	Setup	AssetListName	V	N	N	<=100
6/F	NA	2.09A	Setup	HouseholdType	V	N	Y	<=1
7/G	NA	2.09B	Setup	BedType	V	N	Y	<=1
8/H	NA	2.09C	Setup	Availability	V	N	Y	<=1
9/I	NA	2.09D	Setup	BedInventory	N	N	N	<=4
10/J	NA	2.09E	Setup	CHBedInventory	N	N	N	<=4
11/K	NA	2.09F	Setup	UnitInventory	N	N	N	<=4
12/L	NA	2.09G	Setup	InventoryStartDate	D	Y	N	<=10
13/M	NA	2.09H	Setup	InventoryEndDate	D	Y	N	<=10
14/N	NA	2.09I	Setup	HMISParticipatingBeds	N	N	N	<=4
15/O	NA	2.09J	Setup	HMISParticipationStartDate	D	Y	N	<=10
16/P	NA	2.09K	Setup	HMISParticipationEndDate	D	Y	N	<=10
18/R	NA	NA	Setup	DateUpdated	D	Y	N	<=10
19/S	NA	NA	Setup	ExportIDStr	V	Y	N	<=32

Description of fields not found in the HMIS Data Standards

- *SiteID* – used to refer back to the SiteInformation.csv table so that a program operating at multiple programs can track bed inventory at each location.

- *AssetListID and AssetID* - Can be used to gather information about particular bed or unit usage, as well as other tangible assets. Having this information can help with such innovations as a centralized placement model and/or driving referrals to open units/beds. Used in conjunction with the ServiceEvent.csv table and optionally Assets.csv.

5.3 Data Exchange Control Table

5.3.1   Export.csv

Ref	Field Description	Data Type	Allow Null	Pick List?	Length	Notes
					EXPORT.csv	
1/A	ExportIDStr	V	N	N	<=32	Establishes a unique ID for a given export
2/B	SourceID	V	N	N	<=32	The DatabaseID should be initially assigned by the target database, i.e., the database integrating the data, and it should be unique across the implementation. This element records information about each data source that is participating in the data integration environment.
3/C	SourceName	V	N	N	<=50	A name to associate with the DatabaseIDStr
4/D	SourceContactFirst	V	N	N	<=50	First name of admin responsible for the database
5/E	SourceContactLast	V	N	N	<=50	Last name of the admin responsible for the database
6/F	SourceContactPhone	V	N	N	<=30	Phone number of admin responsible for the database
7/G	SourceContactExtension	V	Y	N	<=10	Phone extension of admin responsible for the database
8/H	SourceContactEmail	V	N	N	<=50	The email address of the administrator responsible for the database
9/I	ExportDate	D	N	N	<=10	The date indicating when the data was exported from the source database
10/J	ExportPeriodBegin	D	N	N	<=10	Start date of the export's data collection time period
11/K	ExportPeriodEnd	D	N	N	<=10	End date of the export's data collection time period
12/L	ExportHashing	V	Y	Y	<=1	Indicates whether the data for Social Security Numbers and Names in the client file are hashed or in plain text. For more information on this option see Sokol B..and Gutierrez, O (2005) "Technical Guidelines for Unduplicating and De-Identifying HMIS Records".
13/M	SoftwareVendor	V	Y	N	<=50	Name of the company whose software exported data
14/N	SoftwareVersion	V	Y	N	<=50	The version number of the software that exported data
15/O	AgencyProgramFile	V	Y	N	<=50	Exact name of file in export, or null if not included.
16/P	BedInventoryFile	V	Y	N	<=50	Exact name of file in export, or null if not included.
17/Q	ClientFile	V	Y	N	<=50	Exact name of file in export, or null if not included.
18/R	ClientHistoricalFile	V	Y	N	<=50	Exact name of file in export, or null if not included.
19/S	IncomeBenefitsFile	V	Y	N	<=50	Exact name of file in export, or null if not included.
20/T	OutcomeMeasuresFile	V	Y	N	<=50	Exact name of file in export, or null if not included.
21/U	RegionsFile	V	Y	N	<=50	Exact name of file in export, or null if not included.

Ref	Field Description	Data Type	Allow Null	Pick List?	Length	Notes
						EXPORT.csv
22/V	ProgramParticipation	V	Y	N	<=50	Exact name of file in export, or null if not included.
23/W	ServiceEventFile	V	Y	N	<=50	Exact name of file in export, or null if not included.
24/X	SiteInformationFile	V	Y	N	<=50	Exact name of file in export, or null if not included.
25/Y	DeltaOrRefresh	V	N	Y	<=1	Indicates whether transmission is a complete refresh of data within target environment with data provided in the transmission OR an update of existing data in the target. See Section 3.3 for picklist details.

6. Picklist Values

6.1 Client Files

					6.1.1 Client.csv	
Ref #	2004 HUD Field ID	2010 HUD Field ID	Field Name	Value Description		Code Value
8/H	2.02	3.02	SocialSecurityNumberQualCode	Full SSN Reported		1
8/H	2.02	3.02	SocialSecurityNumberQualCode	Partial SSN Reported		2
8/H	2.02	3.02	SocialSecurityNumberQualCode	Don't Know or Don't Have SSN		8
8/H	2.02	3.02	SocialSecurityNumberQualCode	Refused		9
10/J	NA	3.03	DateOfBirthQualityCode	Full DOB Reported		1
10/J	NA	3.03	DateOfBirthQualityCode	Approximate or Partial DOB Reported		2
10/J	NA	3.03	DateOfBirthQualityCode	Don't Know		8
10/J	NA	3.03	DateOfBirthQualityCode	Refused		9
11/K	2.04	3.04	PrimaryRace	American Indian or Alaska Native		1
11/K	2.04	3.04	PrimaryRace	Asian		2
11/K	2.04	3.04	PrimaryRace	Black or African American		3
11/K	2.04	3.04	PrimaryRace	Native Hawaiian or Other Pacific Islander		4
11/K	2.04	3.04	PrimaryRace	White		5
11/K	NA	3.04	PrimaryRace	Don't Know		8
11/K	NA	3.04	PrimaryRace	Refused		9
12/L	2.04	3.04	SecondaryRace	American Indian or Alaska Native		1
12/L	2.04	3.04	SecondaryRace	Asian		2
12/L	2.04	3.04	SecondaryRace	Black or African American		3
12/L	2.04	3.04	SecondaryRace	Native Hawaiian or Other Pacific Islander		4
12/L	2.04	3.04	SecondaryRace	White		5
12/L	NA	3.04	SecondaryRace	Don't Know		8
12/L	NA	3.04	SecondaryRace	Refused		9
13/M	2.04	3.05	Ethnicity	Other (Non-Hispanic/Latino)		0
13/M	2.04	3.05	Ethnicity	Hispanic/Latino		1
13/M	NA	3.05	Ethnicity	Don't Know		8
13/M	NA	3.05	Ethnicity	Refused		9
14/N	2.05	3.06	Gender	Female		0
14/N	2.05	3.06	Gender	Male		1
14/N	NA	3.06	Gender	Transgender Male to Female		2
14/N	NA	3.06	Gender	Transgender Female to Male		3

6.1.1 Client.csv

Ref #	2004 HUD Field ID	2010 HUD Field ID	Field Name	Value Description	Code Value
14/N	NA	3.06	Gender	Other	4
14/N	NA	3.06	Gender	Don't Know	8
14/N	NA	3.06	Gender	Refused	9
17/Q	NA	NA	UpdateOrDelete	Add or Update Client Record	U
17/Q	NA	NA	UpdateOrDelete	Delete Client Record	D
18/R	NA	NA	IdentityVerification	Verified - No ID Presented	0
18/R	NA	NA	IdentityVerification	Verified - ID Presented	1
18/R	NA	NA	IdentityVerification	Anonymous or Incomplete ID	2
19/S	NA	NA	ReleaseOfInformation	No Consent Given	0
19/S	NA	NA	ReleaseOfInformation	Consent Given	1

6.1.2 ProgramParticipation.csv

Ref #	2004 HUD Field ID	2010 HUD Field ID	Field Name	Value Description	Code Value
8/H	2.06	3.07	VeteranStatus	No	0
8/H	2.06	3.07	VeteranStatus	Yes	1
8/H	2.06	3.07	VeteranStatus	Don't Know	8
8/H	2.06	3.07	VeteranStatus	Refused	9
9/I	2.07	3.08	DisablingCondition	No	0
9/I	2.07	3.08	DisablingCondition	Yes	1
9/I	2.07	3.08	DisablingCondition	Don't Know	8
9/I	2.07	3.08	DisablingCondition	Refused	9
10/J	2.08	3.09A	PriorResidence	Emergency Shelter	1
10/J	2.08	3.09A	PriorResidence	Transitional Housing for Homeless	2
10/J	2.08	3.09A	PriorResidence	Permanent housing for formerly homeless (S+C; SHP; etc.)	3
10/J	2.08	3.09A	PriorResidence	Psychiatric Hospital or Facility	4
10/J	2.08	3.09A	PriorResidence	Substance Abuse Treatment Center or Detox Center	5
10/J	2.08	3.09A	PriorResidence	Hospital (non-psychiatric)	6
10/J	2.08	3.09A	PriorResidence	Jail; Prison or Juvenile Detention Facility	7
10/J	2.08	3.09A	PriorResidence	Don't Know	8
10/J	2.08	3.09A	PriorResidence	Refused	9
10/J	2.08	3.09A	PriorResidence	Living With Family	12
10/J	2.08	3.09A	PriorResidence	Living With Friends	13
10/J	2.08	3.09A	PriorResidence	Hotel or motel paid for without emergency shelter voucher	14
10/J	2.08	3.09A	PriorResidence	Foster care home or foster care group home	15
10/J	2.08	3.09A	PriorResidence	Place not meant for habitation	16
10/J	2.08	3.09A	PriorResidence	Other	17
10/J	2.08	3.09A	PriorResidence	Safe Haven	18
10/J	2.08	3.09A	PriorResidence	Rental by client, with VASH Housing Subsidy	19
10/J	2.08	3.09A	PriorResidence	Rental by client, with other (non-VASH) housing subsidy	20

			6.1.2 ProgramParticipation.csv		

Ref #	2004 HUD Field ID	2010 HUD Field ID	Field Name	Value Description	Code Value
10/J	2.08	3.09A	PriorResidence	Owned by client, with ongoing housing subsidy	21
10/J	2.08	3.09A	PriorResidence	Rental by client, no ongoing housing subsidy	22
10/J	2.08	3.09A	PriorResidence	Owned by client, no ongoing housing subsidy	23
11/K	2.08	3.09B	LengthOfStayAtPriorResidence	One week or less	1
11/K	2.08	3.09B	LengthOfStayAtPriorResidence	More than one week but less than one month	2
11/K	2.08	3.09B	LengthOfStayAtPriorResidence	One to three months	3
11/K	2.08	3.09B	LengthOfStayAtPriorResidence	More than three months but less than 1 year	4
11/K	2.08	3.09B	LengthOfStayAtPriorResidence	One year or longer	5
11/K	2.08	3.09B	LengthOfStayAtPriorResidence	Don't Know	8
11/K	2.08	3.09B	LengthOfStayAtPriorResidence	Refused	9
13/M	2.09	3.10B	ZIPQualityCode	Full or Partial Zip Code Recorded	1
13/M	2.09	3.10B	ZIPQualityCode	Don't Know	8
13/M	2.09	3.10B	ZIPQualityCode	Refused	9
14/M&N	NA	3.11	HousingStatus (Entry & Exit)	Literally Homeless	1
14/M&N	NA	3.11	HousingStatus (Entry & Exit)	Housed and at imminent risk of losing housing	2
14/M&N	NA	3.11	HousingStatus (Entry & Exit)	Housed and at risk of losing housing	3
14/M&N	NA	3.11	HousingStatus (Entry & Exit)	Stably housed	4
14/M&N	NA	3.11	HousingStatus (Entry & Exit)	Don't Know	8
14/M&N	NA	3.11	HousingStatus (Entry & Exit)	Refused	9
17/Q	3.10	4.10	Destination	Emergency Shelter	1
17/Q	3.10	4.10	Destination	Transitional Housing for Homeless	2
17/Q	3.10	4.10	Destination	Permanent housing for formerly homeless	3
17/Q	3.10	4.10	Destination	Psychiatric Hospital or Facility	4
17/Q	3.10	4.10	Destination	Substance abuse treatment/detox center	5
17/Q	3.10	4.10	Destination	Hospital	6
17/Q	3.10	4.10	Destination	Jail; Prison or Juvenile Facility	7
17/Q	3.10	4.10	Destination	Don't know	8
17/Q	3.10	4.10	Destination	Refused	9
17/Q	3.10	4.10	Destination	Rental room/house/apartment	10
17/Q	3.10	4.10	Destination	Apartment or House that you own.	11
17/Q	3.10	4.10	Destination	Living With Family – Temporary	12
17/Q	3.10	4.10	Destination	Living With Friends - Temporary	13
17/Q	3.10	4.10	Destination	Hotel or Motel paid for without voucher	14
17/Q	3.10	4.10	Destination	Foster care/group home	15
17/Q	3.10	4.10	Destination	Place not meant for habitation	16
17/Q	3.10	4.10	Destination	Other	17
17/Q	3.10	4.10	Destination	Safe Haven	18
17/Q	3.10	4.10	Destination	Rental by client, VASH Subsidy	19
17/Q	3.10	4.10	Destination	Rental by client, other ongoing subsidy	20
17/Q	3.10	4.10	Destination	Owned by client, with ongoing housing subsidy	21

	6.1.2	ProgramParticipation.csv			
Ref #	2004 HUD Field ID	2010 HUD Field ID	Field Name	Value Description	Code Value
17/Q	3.10	4.10	Destination	Staying or living with family, permanent	22
17/Q	3.10	4.10	Destination	Staying or living with friends, permanent	23
17/Q	3.10	4.10	Destination	Deceased	24
18/R	3.11	4.15G	ReasonForLeaving	Left for housing opp. before completing program	1
18/R	3.11	4.15G	ReasonForLeaving	Completed program	2
18/R	3.11	4.15G	ReasonForLeaving	Non-Payment of rent/occupancy charge	3
18/R	3.11	4.15G	ReasonForLeaving	Non-compliance with program	4
18/R	3.11	4.15G	ReasonForLeaving	Criminal Activity	5
18/R	3.11	4.15G	ReasonForLeaving	Reached Maximum Time Allowed for Project	6
18/R	3.11	4.15G	ReasonForLeaving	Needs could not be met	7
18/R	3.11	4.15G	ReasonForLeaving	Disagreement with rules/person	8
18/R	3.11	4.15G	ReasonForLeaving	Death	9
18/R	3.11	4.15G	ReasonForLeaving	Unknown/Disappeared	10
18/R	3.11	4.15G	ReasonForLeaving	Other	11
19/S	NA	NA	RelationshipToHeadOfHousehold	Self	0
19/S	NA	NA	RelationshipToHeadOfHousehold	Child	1
19/S	NA	NA	RelationshipToHeadOfHousehold	Spouse	2
19/S	NA	NA	RelationshipToHeadOfHousehold	Other Family	3
19/S	NA	NA	RelationshipToHeadOfHousehold	Non-Married Partner	4
19/S	NA	NA	RelationshipToHeadOfHousehold	Other, Non-Family	5
20/T	NA	NA	HUDChronicHomeless	No	0
20/T	NA	NA	HUDChronicHomeless	Yes	1

	6.1.3	ClientHistorical.csv			
Ref #	2004 HUD Field ID	2010 HUD Field ID	Field Name	Value Description	Code Value
8/H	NA	4.01C	IncomeLast30Days	No	0
8/H	NA	4.01C	IncomeLast30Days	Yes	1
8/H	NA	4.01C	IncomeLast30Days	Don't Know	8
8/H	NA	4.01C	IncomeLast30Days	Refused	9
9/I	NA	4.02A	NonCashBenefitsLast30Days	No	0
9/I	NA	4.02A	NonCashBenefitsLast30Days	Yes	1
9/I	NA	4.02A	NonCashBenefitsLast30Days	Don't Know	8
9/I	NA	4.02A	NonCashBenefitsLast30Days	Refused	9
10/J	3.03	4.03A	PhysicalDisability	No	0
10/J	3.03	4.03A	PhysicalDisability	Yes	1
10/J	NA	4.03A	PhysicalDisability	Don't Know	8
10/J	NA	4.03A	PhysicalDisability	Refused	9
11/K	NA	4.03B	ReceivePhysicalDisabilityServices	No	0
11/K	NA	4.03B	ReceivePhysicalDisabilityServices	Yes	1
11/K	NA	4.03B	ReceivePhysicalDisabilityServices	Don't Know	8

		6.1.3	ClientHistorical.csv		

Ref #	2004 HUD Field ID	2010 HUD Field ID	Field Name	Value Description	Code Value
11/K	NA	4.03B	ReceivePhysicalDisabilityServices	Refused	9
12/L	3.04	4.04A	HasDevelopmentalDisability	No	0
12/L	3.04	4.04A	HasDevelopmentalDisability	Yes	1
12/L	NA	4.04A	HasDevelopmentalDisability	Don't Know	8
12/L	NA	4.04A	HasDevelopmentalDisability	Refused	9
13/M	NA	4.04B	ReceiveDevelopmentalDisabilityS	No	0
13/M	NA	4.04B	ReceiveDevelopmentalDisabilityS	Yes	1
13/M	NA	4.04B	ReceiveDevelopmentalDisabilityS	Don't Know	8
13/M	NA	4.04B	ReceiveDevelopmentalDisabilityS	Refused	9
14/N	NA	4.05A	HasChronicHealthCondition	No	0
14/N	NA	4.05A	HasChronicHealthCondition	Yes	1
14/N	NA	4.05A	HasChronicHealthCondition	Don't Know	8
14/N	NA	4.05A	HasChronicHealthCondition	Refused	9
15/O	NA	4.05B	ReceiveChronicHealthServices	No	0
15/O	NA	4.05B	ReceiveChronicHealthServices	Yes	1
15/O	NA	4.05B	ReceiveChronicHealthServices	Don't Know	8
15/O	NA	4.05B	ReceiveChronicHealthServices	Refused	9
16/P	3.05	4.06A	HasHIVAIDS	No	0
16/P	3.05	4.06A	HasHIVAIDS	Yes	1
16/P	NA	4.06A	HasHIVAIDS	Don't Know	8
16/P	NA	4.06A	HasHIVAIDS	Refused	9
17/Q	NA	4.06B	ReceiveHIVAIDSServices	No	0
17/Q	NA	4.06B	ReceiveHIVAIDSServices	Yes	1
17/Q	NA	4.06B	ReceiveHIVAIDSServices	Don't Know	8
17/Q	NA	4.06B	ReceiveHIVAIDSServices	Refused	9
18/R	3.06	4.07A	HasMentalHealthProblem	No	0
18/R	3.06	4.07A	HasMentalHealthProblem	Yes	1
18/R	NA	4.07A	HasMentalHealthProblem	Don't Know	8
18/R	NA	4.07A	HasMentalHealthProblem	Refused	9
19/S	3.06	4.07B	MentalHealthIndefinite	No	0
19/S	3.06	4.07B	MentalHealthIndefinite	Yes	1
19/S	NA	4.07B	MentalHealthIndefinite	Don't Know	8
19/S	NA	4.07B	MentalHealthIndefinite	Refused	9
20/T	NA	4.07C	ReceiveMentalHealthServices	No	0
20/T	NA	4.07C	ReceiveMentalHealthServices	Yes	1
20/T	NA	4.07C	ReceiveMentalHealthServices	Don't Know	8
20/T	NA	4.07C	ReceiveMentalHealthServices	Refused	9
20/T	3.07	4.08A	HasSubstanceAbuseProblem	No	0
20/T	3.07	4.08A	HasSubstanceAbuseProblem	Alcohol	1
21/U	3.07	4.08A	HasSubstanceAbuseProblem	Drug	2
21/U	3.07	4.08A	HasSubstanceAbuseProblem	Both Alcohol and Drug	3
21/U	NA	4.08A	HasSubstanceAbuseProblem	Don't Know	8
21/U	NA	4.08A	HasSubstanceAbuseProblem	Refused	9
22/V	NA	4.08B	SubstanceAbuseIndefinite	No	0
22/V	NA	4.08B	SubstanceAbuseIndefinite	Yes	1

		6.1.3	ClientHistorical.csv		

Ref #	2004 HUD Field ID	2010 HUD Field ID	Field Name	Value Description	Code Value
22/V	NA	4.08B	SubstanceAbuseIndefinite	Don't Know	8
22/V	NA	4.08B	SubstanceAbuseIndefinite	Refused	9
23/W	NA	4.08C	ReceiveSubstanceAbuseServices	No	0
23/W	NA	4.08C	ReceiveSubstanceAbuseServices	Yes	1
23/W	NA	4.08C	ReceiveSubstanceAbuseServices	Don't Know	8
23/W	NA	4.08C	ReceiveSubstanceAbuseServices	Refused	9
24/X	3.08	4.09A	DomesticViolenceSurvivor	No	0
24/X	3.08	4.09A	DomesticViolenceSurvivor	Yes	1
24/X	NA	4.09A	DomesticViolenceSurvivor	Don't Know	8
24/X	NA	4.09A	DomesticViolenceSurvivor	Refused	9
25/Y	3.08	4.09B	DVOccurred	Within Past 3 Months	1
25/Y	3.08	4.09B	DVOccurred	3 to 6 Months Ago	2
25/Y	3.08	4.09B	DVOccurred	From 6 to 12 Months Ago	3
25/Y	3.08	4.09B	DVOccurred	More than 1 Year	4
25/Y	NA	4.09B	DVOccurred	Don't Know	8
25/Y	NA	4.09B	DVOccurred	Refused	9
26/Z	3.12	4.15A	CurrentlyEmployed	No	0
26/Z	3.12	4.15A	CurrentlyEmployed	Yes	1
28/A	3.12	4.15A	EmploymentTenure	Permanent	1
28/A	3.12	4.15A	EmploymentTenure	Temporary	2
28/A	3.12	4.15A	EmploymentTenure	Seasonal	3
28/A	NA	4.15A	EmploymentTenure	Don't Know	8
28/A	NA	4.15A	EmploymentTenure	Refused	9
29/A	3.12	4.15A	LookingForWork	No	0
29/A	3.12	4.15A	LookingForWork	Yes	1
29/A	NA	4.15A	LookingForWork	Don't Know	8
29/A	NA	4.15A	LookingForWork	Refused	9
30/A	3.13	4.15B	CurrentlyInSchool	No	0
30/A	3.13	4.15B	CurrentlyInSchool	Yes	1
30/A	NA	4.15B	CurrentlyInSchool	Don't Know	8
30/A	NA	4.15B	CurrentlyInSchool	Refused	9
31/A	3.13	4.15B	VocationalTraining	No	0
31/A	3.13	4.15B	VocationalTraining	Yes	1
31/A	NA	4.15B	VocationalTraining	Don't Know	8
31/A	NA	4.15B	VocationalTraining	Refused	9
32/A	3.13	4.15B	HighestSchoolLevel	No schooling completed (HUD)	0
32/A	3.13	4.15B	HighestSchoolLevel	Nursery school to 4th grade (HUD)	1
32/A	3.13	4.15B	HighestSchoolLevel	5th grade or 6th grade (HUD)	2
32/A	3.13	4.15B	HighestSchoolLevel	7th grade or 8th grade (HUD)	3
32/A	3.13	4.15B	HighestSchoolLevel	9th grade (HUD)	4
32/A	3.13	4.15B	HighestSchoolLevel	10th grade (HUD)	5
32/A	3.13	4.15B	HighestSchoolLevel	11th grade (HUD)	6
32/A	3.13	4.15B	HighestSchoolLevel	12th grade No diploma (HUD)	7
32/A	NA	4.15B	HighestSchoolLevel	Don't Know	8
32/A	NA	4.15B	HighestSchoolLevel	Refused	9
32/A	3.13	4.15B	HighestSchoolLevel	High School Diploma	10

	6.1.3	ClientHistorical.csv			

Ref #	2004 HUD Field ID	2010 HUD Field ID	Field Name	Value Description	Code Value
32/A	3.13	4.15B	HighestSchoolLevel	GED	11
32/A	3.13	4.15B	HighestSchoolLevel	Post Secondary School	12
33/A	3.13	4.15B	Degree	None	0
33/A	3.13	4.15B	Degree	Associates Degree	1
33/A	3.13	4.15B	Degree	Bachelors	2
33/A	3.13	4.15B	Degree	Masters	3
33/A	3.13	4.15B	Degree	Doctorate	4
33/A	3.13	4.15B	Degree	Other Graduate/Professional Degree	5
33/A	NA	4.15B	Degree	Don't Know	8
33/A	NA	4.15B	Degree	Refused	9
34/A	3.14	4.15C	HealthStatus	Excellent	1
34/A	3.14	4.15C	HealthStatus	Very Good	2
34/A	3.14	4.15C	HealthStatus	Good	3
34/A	3.14	4.15C	HealthStatus	Fair	4
34/A	3.14	4.15C	HealthStatus	Poor	5
34/A	NA	4.15C	HealthStatus	Don't Know	8
34/A	NA	4.15C	HealthStatus	Refused	9
35/AI	3.15	4.15D	PregnancyStatus	No	0
35/AI	3.15	4.15D	PregnancyStatus	Yes	1
35/AI	NA	4.15D	PregnancyStatus	Don't Know	8
35/AI	NA	4.15D	PregnancyStatus	Refused	9
37/A	3.16	4.15E	ServiceEra	Persian Gulf Era (8/1/91-9/10/01)	1
37/A	3.16	4.15E	ServiceEra	Post Vietnam	2
37/A	3.16	4.15E	ServiceEra	Vietnam Era	3
37/A	3.16	4.15E	ServiceEra	Between Korean and Vietnam Era	4
37/A	3.16	4.15E	ServiceEra	Korean War	5
37/A	3.16	4.15E	ServiceEra	Between WWII and Korean War	6
37/A	3.16	4.15E	ServiceEra	World War II	7
37/A	NA	4.15E	ServiceEra	Don't Know	8
37/A	NA	4.15E	ServiceEra	Refused	9
37/A	NA	4.15E	ServiceEra	Post September 11, 2001 (9/11/01 -Present)	10
39/A	3.16	4.15E	ServedInWarZone	No	0
39/A	3.16	4.15E	ServedInWarZone	Yes	1
39/A	NA	4.15E	ServedInWarZone	Don't Know	8
39/A	NA	4.15E	ServedInWarZone	Refused	9
40/A	3.16	4.15E	WarZone	Europe	1
40/A	3.16	4.15E	WarZone	North Africa	2
40/A	3.16	4.15E	WarZone	Vietnam	3
40/A	3.16	4.15E	WarZone	Laos and Cambodia	4
40/A	3.16	4.15E	WarZone	South China Sea	5
40/A	3.16	4.15E	WarZone	China, Burma, India	6
40/A	3.16	4.15E	WarZone	Korea	7
40/A	3.16	4.15E	WarZone	South Pacific	8
40/A	3.16	4.15E	WarZone	Persian Gulf	9
40/A	3.16	4.15E	WarZone	Other	10
40/A	NA	4.15E	WarZone	Afghanistan	11

6.1.3			**ClientHistorical.csv**		

Ref #	2004 HUD Field ID	2010 HUD Field ID	Field Name	Value Description	Code Value
40/A	NA	4.15E	WarZone	Don't Know	12
40/A	NA	4.15E	WarZone	Refused	13
42/A	3.16	4.15E	ReceivedFire	No	0
42/A	3.16	4.15E	ReceivedFire	Yes	1
42/A	NA	4.15E	ReceivedFire	Don't Know	8
42/A	NA	4.15E	ReceivedFire	Refused	9
43/A	3.16	4.15E	MilitaryBranch	Army (HUD)	1
43/A	3.16	4.15E	MilitaryBranch	Air Force (HUD)	2
43/A	3.16	4.15E	MilitaryBranch	Navy (HUD)	3
43/A	3.16	4.15E	MilitaryBranch	Marines (HUD)	4
43/A	3.16	4.15E	MilitaryBranch	Other (HUD)	5
43/A	NA	4.15E	MilitaryBranch	Don't Know	8
43/A	NA	4.15E	MilitaryBranch	Refused	9
44/A	3.16	4.15E	DischargeStatus	Honorable (HUD)	1
44/A	3.16	4.15E	DischargeStatus	General (HUD)	2
44/A	3.16	4.15E	DischargeStatus	Medical (HUD)	3
44/A	3.16	4.15E	DischargeStatus	Bad Conduct (HUD)	4
44/A	3.16	4.15E	DischargeStatus	Dishonorable (HUD)	5
44/A	3.16	4.15E	DischargeStatus	Other (HUD)	6
44/A	NA	4.15E	DischargeStatus	Don't Know	8
44/A	NA	4.15E	DischargeStatus	Refused	9
45/A	3.17	4.15F	ChildCurrentlyEnrolledInSchool	No	0
45/A	3.17	4.15F	ChildCurrentlyEnrolledInSchool	Yes	1
45/A	NA	4.15F	ChildCurrentlyEnrolledInSchool	Don't Know	8
45/A	NA	4.15F	ChildCurrentlyEnrolledInSchool	Refused	9
47/A	NA	4.15F	ChildMcKinneyVentoLiaison	No	0
47/A	NA	4.15F	ChildMcKinneyVentoLiaison	Yes	1
47/A	NA	4.15F	ChildMcKinneyVentoLiaison	Don't Know	8
47/A	NA	4.15F	ChildMcKinneyVentoLiaison	Refused	9
48/A	3.17	4.15F	ChildSchoolType	Public School	1
48/A	3.17	4.15F	ChildSchoolType	Parochial or other private school	2
48/A	NA	4.15F	ChildSchoolType	Don't Know	8
48/A	NA	4.15F	ChildSchoolType	Refused	9
50/A	NA	4.15F	ChildEnrollmentBarrier	None	1
50/A	NA	4.15F	ChildEnrollmentBarrier	Residency Requirements	2
50/A	NA	4.15F	ChildEnrollmentBarrier	Availability of School Records	3
50/A	NA	4.15F	ChildEnrollmentBarrier	Birth Certificates	4
50/A	NA	4.15F	ChildEnrollmentBarrier	Legal Guardianship Requirements	5
50/A	NA	4.15F	ChildEnrollmentBarrier	Transportation	6
50/A	NA	4.15F	ChildEnrollmentBarrier	Lack of Preschool Programs	7
50/A X	NA	4.15F	ChildEnrollmentBarrier	Don't Know	8
50/A	NA	4.15F	ChildEnrollmentBarrier	Refused	9
50/A	NA	4.15F	ChildEnrollmentBarrier	Immunization Requirements	10
50/A	NA	4.15F	ChildEnrollmentBarrier	Physical Exam Records	11
50/A	NA	4.15F	ChildEnrollmentBarrier	Other	12

| | 6.1.3 | ClientHistorical.csv | | | |

Ref #	2004 HUD Field ID	2010 HUD Field ID	Field Name	Value Description	Code Value
53/B	NA	NA	DataCollectionStage	Entry	1
53/B	NA	NA	DataCollectionStage	During Program Enrollment	2
53/B	NA	NA	DataCollectionStage	Exit	3
53/B	NA	NA	DataCollectionStage	Follow Up	4

| | 6.1.4 | IncomeBenefits.csv | | | |

Ref #	2004 HUD Field ID	2010 HUD Field ID	Field Name	Value Description	Code Value
7/G	NA	NA	IncomeBenefitType	Income	1
7/G	NA	NA	IncomeBenefitType	Non-Cash Benefits	2
8/H	3.01	4.01	SourceCode	Earned Income	1
8/H	3.01	4.01	SourceCode	Unemployment Insurance	2
8/H	3.01	4.01	SourceCode	Supplemental Security Income	3
8/H	3.01	4.01	SourceCode	Social Security Disability	4
8/H	3.01	4.01	SourceCode	Veterans Disability Payment	5
8/H	3.01	4.01	SourceCode	Private Disability Insurance	6
8/H	3.01	4.01	SourceCode	Worker's Compensation	7
8/H	3.01	4.01	SourceCode	TANF	10
8/H	3.01	4.01	SourceCode	General Assistance (GA)	11
8/H	3.01	4.01	SourceCode	Retirement Income from Social Security	12
8/H	3.01	4.01	SourceCode	Veterans Pension	13
8/H	3.01	4.01	SourceCode	Pension from a Former Job	14
8/H	3.01	4.01	SourceCode	Child Support	15
8/H	3.01	4.01	SourceCode	Alimony or other spousal support	16
8/H	3.01	4.01	SourceCode	Other Source	17
8/H	3.02	4.02	SourceCode	Supplemental Nutrition Assistance Program (SNAP)	1
8/H	3.02	4.02	SourceCode	Medicaid	2
8/H	3.02	4.02	SourceCode	Medicare	3
8/H	3.02	4.02	SourceCode	State Children's Health Insurance Program	4
8/H	3.02	4.02	SourceCode	WIC	5
8/H	3.02	4.02	SourceCode	VA Medical Services	6
8/H	3.02	4.02	SourceCode	TANF Child Care Services	7
8/H	3.02	4.02	SourceCode	TANF Transportation Services	10
8/H	3.02	4.02	SourceCode	Other TANF Funded Services	11
8/H	3.02	4.02	SourceCode	Section 8, Public Housing, or Other Rental Housing	12
8/H	3.02	4.02	SourceCode	Other Source	13
8/H	3.02	4.02	SourceCode	Temporary Rental Assistance	14
11/K	NA	NA	DataCollectionStage	Entry	1
11/K	NA	NA	DataCollectionStage	During Program Enrollment	2
11/K	NA	NA	DataCollectionStage	Exit	3
11/K	NA	NA	DataCollectionStage	Follow Up	4

	6.1.5	**ServiceEvent.csv**			
Ref #	**2004 HUD Field ID**	**2010 HUD Field ID**	**Field Name**	**Value Description**	**Code Value**
5/E	NA	NA	ServiceEventType	Accommodation Service	0
5/E	NA	NA	ServiceEventType	HPRP-Financial Assistance	1
5/E	NA	NA	ServiceEventType	HPRP-Housing Relocation & Stabilization	2
5/E	NA	NA	ServiceEventType	Outreach and Engagement	3
5/E	NA	NA	ServiceEventType	Services Provided	4
8/H	3.09	4.15H2	ServiceCode (SE Type = 4)	Food	1
8/H	3.09	4.15H2	ServiceCode (SE Type = 4)	Housing Placement	2
8/H	3.09	4.15H2	ServiceCode (SE Type = 4)	Material Goods	3
8/H	3.09	4.15H2	ServiceCode (SE Type = 4)	Temporary Housing & Other Financial Aid	4
8/H	3.09	4.15H2	ServiceCode (SE Type = 4)	Transportation	5
8/H	3.09	4.15H2	ServiceCode (SE Type = 4)	Consumer Assistance and Protection	6
8/H	3.09	4.15H2	ServiceCode (SE Type = 4)	Criminal Justice/legal services	7
8/H	3.09	4.15H2	ServiceCode (SE Type = 4)	Don't Know	8
8/H	3.09	4.15H2	ServiceCode (SE Type = 4)	Refused	9
8/H	3.09	4.15H2	ServiceCode (SE Type = 4)	Education	10
8/H	3.09	4.15H2	ServiceCode (SE Type = 4)	HIV/AIDS related services	11
8/H	3.09	4.15H2	ServiceCode (SE Type = 4)	Mental Health Care/Counseling	12
8/H	3.09	4.15H2	ServiceCode (SE Type = 4)	Other Health Care	13
8/H	3.09	4.15H2	ServiceCode (SE Type = 4)	Substance Abuse Services	14
8/H	3.09	4.15H2	ServiceCode (SE Type = 4)	Employment Services	15
8/H	3.09	4.15H2	ServiceCode (SE Type = 4)	Case/Care management	16
8/H	3.09	4.15H2	ServiceCode (SE Type = 4)	Day Care	17
8/H	3.09	4.15H2	ServiceCode (SE Type = 4)	Personal Enrichment	18
8/H	3.09	4.15H2	ServiceCode (SE Type = 4)	Referral to other service(s)	19
8/H	3.09	4.15H2	ServiceCode (SE Type = 4)	Outreach	20
8/H	3.09	4.15H2	ServiceCode (SE Type = 4)	Other	21
8/H	NA	4.14C	ServiceCode (SE Type = 2)	Case Management	1
8/H	NA	4.14C	ServiceCode (SE Type = 2)	Outreach and Engagement	2
8/H	NA	4.14C	ServiceCode (SE Type = 2)	Housing Search and Placement	3
8/H	NA	4.14C	ServiceCode (SE Type = 2)	Legal Services	4
8/H	NA	4.14C	ServiceCode (SE Type = 2)	Credit Repair	5
8/H	NA	4.13C	ServiceCode (SE Type = 1)	Rental Assistance	1
8/H	NA	4.13C	ServiceCode (SE Type = 1)	Security Deposits	2
8/H	NA	4.13C	ServiceCode (SE Type = 1)	Utility Deposits	3
8/H	NA	4.13C	ServiceCode (SE Type = 1)	Utility Payments	4
8/H	NA	4.13C	ServiceCode (SE Type = 1)	Moving Cost Assistance	5
8/H	NA	4.13C	ServiceCode (SE Type = 1)	Motel & Hotel Vouchers	6
10/J	NA	NA	IsReferral	No	0
10/J	NA	NA	IsReferral	Yes	1
13/M	NA	NA	FundingCategory	HPRP	1
13/M	NA	NA	FundingCategory	State Funding	2
13/M	NA	NA	FundingCategory	Private Funding	3
13/M	NA	NA	FundingCategory	Local Funding	4
13/M	NA	NA	FundingCategory	Other Federal Funding	5
15/O	NA	NA	IsRecurring	No	0

Ref #			Field Name	Value Description	Code Value
15/O	NA	NA	IsRecurring	Yes	1
16/P	NA	NA	PeriodInterval	Daily	1
16/P	NA	NA	PeriodInterval	Weekly	2
16/P	NA	NA	PeriodInterval	Monthly	3
16/P	NA	NA	PeriodInterval	Annual	4
17/Q	NA	NA	AdvanceArrears	Advance	0
17/Q	NA	NA	AdvanceArrears	Arrears	1
19/S	NA	4.11B	ContactSite	Place not meant for habitation	1
19/S	NA	4.11B	ContactSite	Service Setting, Non-residential	2
19/S	NA	4.11B	ContactSite	Service Setting, Residential	3
20/T	NA	4.12	ClientEngaged	No	0
20/T	NA	4.12	ClientEngaged	Yes	1
23/W	NA	NA	DomainIDCode	See OutcomeMeasures.csv	

6.2 Program Descriptors

6.2.1 Regions.csv					
Ref #	2004 HUD Field ID	2010 HUD Field ID	Field Name	Value Description	Code Value
3/C	NA	NA	RegionType	HUD COC	0
3/C	NA	NA	RegionType	HPRP Entitlement Jurisdiction	1

6.2.1 AgencyProgram.csv					
Ref #	2004 HUD Field ID	2010 HUD Field ID	Field Name	Value Description	Code Value
5/E	NA	2.05	DirectServiceCode	No	0
5/E	NA	2.05	DirectServiceCode	Yes	1
7/G	NA	2.06A	SiteConfigurationType	Single site, single building	1
7/G	NA	2.06A	SiteConfigurationType	Single site, multiple buildings	2
7/G	NA	2.06A	SiteConfigurationType	Multiple Sites	3
8/H	NA	2.08	ProgramTypeCode	Emergency Shelter	1
8/H	NA	2.08	ProgramTypeCode	Transitional Housing	2
8/H	NA	2.08	ProgramTypeCode	Permanent Supportive Housing	3
8/H	NA	2.08	ProgramTypeCode	Street Outreach	4
8/H	NA	2.08	ProgramTypeCode	Homelessness Prevention and Rapid Re-Housing	5
8/H	NA	2.08	ProgramTypeCode	Services Only	6
8/H	NA	2.08	ProgramTypeCode	Other	7
8/H	NA	2.08	ProgramTypeCode	Safe Haven	8
8/H	NA	2.08	ProgramTypeCode	Permanent Housing without Services	9
8/H	NA	2.08	ProgramTypeCode	Permanent Housing with Services	10
8/H	NA	2.08	ProgramTypeCode	Day Shelter	11
8/H	NA	2.08	ProgramTypeCode	Homelessness Prevention	12
8/H	NA	2.08	ProgramTypeCode	Rapid Re-Housing	13

	6.2.1	AgencyProgram.csv			
Ref #	2004 HUD Field ID	2010 HUD Field ID	Field Name	Value Description	Code Value
8/H	NA	2.08	ProgramTypeCode	Coordinated Assessment	14
9/I	NA	2.10	TargetPopulationA	SM (Single Males, 18 and Older)	1
9/I	NA	2.10	TargetPopulationA	SF (Single Females, 18 and Older)	2
9/I	NA	2.10	TargetPopulationA	SMF (Single Males and Females, 18 and Older)	3
9/I	NA	2.10	TargetPopulationA	CO (Couples Only)	4
9/I	NA	2.10	TargetPopulationA	SM+HC (Single Males & Households w/ Children)	5
9/I	NA	2.10	TargetPopulationA	SF+HC-Single Females & Households w/o Children	6
9/I	NA	2.10	TargetPopulationA	HC (Households with Children)	7
9/I	NA	2.10	TargetPopulationA	YM -Unaccompanied Young Males(Under 18)	8
9/I	NA	2.10	TargetPopulationA	YF -Unaccompanied Young Females (Under 18)	9
9/I	NA	2.10	TargetPopulationA	YMF -Unaccompanied Young Males and Females	10
9/I	NA	2.10	TargetPopulationA	SMF+HC (Single Male/Female & HH w/ Children)	11
10/J	NA	2.11	TargetPopulationB	DV: Domestic Violence victims	1
10/J	NA	2.11	TargetPopulationB	VET: Veterans	2
10/J	NA	2.11	TargetPopulationB	HIV: Person with HIV/AIDS	3
10/J	NA	2.11	TargetPopulationB	NA: Not Applicable	4
11/K	NA	2.12	TrackingMethod	Program Entry and Exit Date Comparison	0
11/K	NA	2.12	TrackingMethod	Bed Management Model	1
11/K	NA	2.12	TrackingMethod	Service Transaction Model	2
13/M	NA	NA	ReceivesMcKinneyFunding	No	0
13/M	NA	NA	ReceivesMcKinneyFunding	Yes	1

	6.2.2	SiteInformation.csv			
Ref #	2004 HUD Field ID	2010 HUD Field ID	Field Name	Value Description	Code Value
8/H	NA	2.06D	SiteServiceType	Non-residential: services only	1
8/H	NA	2.06D	SiteServiceType	Residential: special needs and non-special needs	2
8/H	NA	2.06D	SiteServiceType	Residential: special needs only	3
9/I	NA	2.06E	HousingType	Mass shelter/barracks	1
9/I	NA	2.06E	HousingType	Dormitory/hotel/motel	2
9/I	NA	2.06E	HousingType	Shared housing	3
9/I	NA	2.06E	HousingType	Single Room Occupancy (SRO) units	4
9/I	NA	2.06E	HousingType	Single apartment (non-SRO) units	5
9/I	NA	2.06E	HousingType	Single homes/townhouses/duplexes	6
9/I	NA	2.06E	HousingType	Not applicable: non-residential program	7

	6.2.3	BedInventory.csv			
Ref #	2004 HUD Field ID	2010 HUD Field ID	Field Name	Value Description	Code Value
6/F	NA	2.09A	HouseholdType	Households without children	1
6/F	NA	2.09A	HouseholdType	Households with children	2
7/G	NA	2.09B	BedType	Facility Based	1
7/G	NA	2.09B	BedType	Voucher	2
7/G	NA	2.09B	BedType	Other	3
8/H	NA	2.09C	Availability	Year-Round	1
8/H	NA	2.09C	Availability	Seasonal	2
8/H	NA	2.09C	Availability	Overflow	3

6.3 Export Table

	6.3.1	Export.csv			
Ref #	2004 HUD Field ID	2010 HUD Field ID	Field Name	Value Description	Code Value
12/L	NA	NA	ExportHashing	Not Hashed	0
12/L	NA	NA	ExportHashing	Hashed	1
25/Y	NA	NA	DeltaOrRefresh	Refresh	1
25/Y	NA	NA	DeltaOrRefresh	Delta	2

7. Extensions to the HUD CSV Format

These extension tables are completely optional and provided as a means to facilitate a standardized exchange of data that are commonly used in the study of homelessness but that are not part of the current HMIS Data Standards.

7.1 Assets (Bed Inventory Details and other Assets)

The intent of this table is to allow for per bed tracking of inventory versus gathering data purely in an aggregate count. The rationale for taking this approach is that beds, and other assets, can come on and offline yet the total bed count might not reflect these changes. If a bed is broken then the capacity should decrease by one bed until the bed is fixed. Tracking beds on a per asset basis enables this level of reporting.

Ref	2004 HUD Field ID #	Mar 2010 HUD Field ID#	Collected When?	Field Description	Data Type	Allow Null	Pick List ?	Length
				Assets.csv				
1/A	NA	2.10	Setup	OrganizationID	N	N	N	<=8

2/B	NA	2.06	Setup	SiteID	V	N	N	<=8
3/C	NA	NA	Setup	AssetListID	V	N	N	<=10
4/D	NA	NA	Setup	AssetID	V	N	N	<=10
5/E	NA	NA	Setup	AssetRecordedDate	D	N	N	<=10
6/F	NA	NA	Setup	AssetDescription	V	N	N	<=30
7/G	NA	NA	Setup	AssetCount	N	N	N	<=8
8/H	NA	NA	Setup	AssetType	V	N	Y	<=1
9/H	NA	NA	Setup	AssetStatus	V	N	Y	<=1
10/H	NA	NA	Setup	StatusStartDate	D	N	N	<=10
11/I	NA	NA	Setup	StatusEndDate	D	N	N	<=10
12/L	NA	NA		ExportIDStr	V	Y	N	<=32

Description of fields not found in the HMIS Data Standards

- *SiteID* – used to refer back to the SiteInformation.csv table so that a program operating at multiple programs can track bed inventory at each location.
- *AssetListID and AssetID* - Can be used to gather information about particular bed or unit usage, as well as other tangible assets. Having this information can help with such innovations as a centralized placement model and/or driving referrals to open units/beds. Used in conjunction with the ServiceEvent.csv table and optionally Assets.csv.
- *AssetRecordedDate* – used to denote the date that the record was created.
- *AssetDescription* – could be used for a bed number that is familiar to shelter staff, a description of a crib, the color of a blanket, etc.
- *AssetCount* – This is used to quantify the number of assets being described by the asset record. If data tracking is being done at the per asset level then this count should be defaulted to 1.
- *AssetType* – this is an identifier used to categorize the various types of physical assets that can be found in homeless and housing programs that might be tracked via an inventory management system. Use the default type of "1" for tracking beds and assign other types as needed to support your data management needs.
- *AssetStatus* – used to indicate if an asset is available or offline/unavailable. Available = 1, Unavailable = 0.
- *StatusStart and EndDates* – used to identify the time period for the Asset Status.

Ref #	2004 HUD Field ID	Mar 2010 HUD Field ID	FIELD_NAME	Value Description	Value
7.1.1		**Assets.csv**			
5/E	NA	NA	AssetType	Bed	1
5/E	NA	NA	AssetStatus	Unavailable	0
5/E	NA	NA	AssetStatus	Available	1

7.2 Outcome Measures (Self-Sufficiency Tables)

These tables are often referred to as the Arizona Self-Sufficiency Matrix and were part of the proposed HMIS Data and Technical Standards from July of 2009 but were removed in the final

version based on comments received. The intent of these tables is to gather information that demonstrates areas in need of attention for a client to reach self-sufficiency and track progress or regress over the duration of working with the client. Areas of low self-sufficiency should inevitably trigger actions (i.e. services or referrals) that will support higher ratings in the future.

Ref	2004 HUD Field ID #	Mar 2010 HUD Field ID#	Collected When?	Field Description	Data Type	Allow Null	Pick List ?	Length
				OutcomeMeasures.csv				
1/A	2.12	3.14	During Stay	PersonalIdentificationNumber	V	N	N	<=32
2/B	NA	2.01	Both	OrganizationID	N	N	N	<=8
3/C	2.13	2.03	Any Time	ProgramID	N	N	N	<=8
4/D	NA	NA	During Stay	AssessmentDate	D	N	N	<=10
5/E	NA	NA	During Stay	DateUpdated	D	N	N	<=10
6/F	NA	NA	During Stay	DomainIDCode	N	N	Y	<=2
7/G	NA	NA	At Entry	InitialStatus	N	N	Y*	<=1
8/H	NA	NA	During Stay	CurrentStatus	N	N	Y*	<=1
9/I	NA	NA	NA	ExportIDStr	V	Y	N	<=32

*Use code values from DomainIDCode, field 6/F

Ref #	2004 HUD Field ID	2009 HUD Field ID	Field_name	Value Description	Value
	7.2.1		**OutcomeMeasures.csv**		
5/E	NA	4.15A	DomainIDCode	Income Domain	1
5/E	NA	4.15B	DomainIDCode	Employment Domain	2
5/E	NA	4.15C	DomainIDCode	Housing Domain	3
5/E	NA	4.15D	DomainIDCode	Food Domain	4
5/E	NA	4.15E	DomainIDCode	Childcare Domain	5
5/E	NA	4.15F	DomainIDCode	Children's Education Domain	6
5/E	NA	4.15G	DomainIDCode	Adult Education Domain	7
5/E	NA	4.15H	DomainIDCode	Legal Domain	8
5/E	NA	4.15I	DomainIDCode	Health Care Domain	9
5/E	NA	4.15J	DomainIDCode	Life Skills Domain	10
5/E	NA	4.15K	DomainIDCode	Mental Health Domain	11
5/E	NA	4.15L	DomainIDCode	Substance Abuse Domain	12
5/E	NA	4.15M	DomainIDCode	Family Relations Domain	13
5/E	NA	4.15N	DomainIDCode	Mobility Domain	14
5/E	NA	4.15O	DomainIDCode	Community Involvement Domain	15
5/E	NA	4.15P	DomainIDCode	Safety Domain	16
5/E	NA	4.15Q	DomainIDCode	Parenting Skills Domain	17

Ref #	2004 HUD Field ID	2009 HUD Field ID	Field_name	Value Description	Value
7.2.1		**OutcomeMeasures.csv**			
5/E	NA	4.15R	DomainIDCode	Credit History Domain	18
6/F	NA	4.15A	Income	No Income	1
6/F	NA	4.15A	Income	Inadequate income and/or inappropriate spending	2
6/F	NA	4.15A	Income	Can meet basic needs with subsidy; appropriate spending	3
6/F	NA	4.15A	Income	Can meet basic needs and manage debt without assistance	4
6/F	NA	4.15A	Income	Income is sufficient, well managed; has discretionary income & able to save	5
6/F	NA	4.15A	Income	Don't Know	8
6/F	NA	4.15A	Income	Refused	9
6/F	NA	4.15B	Employment	No Job	1
6/F	NA	4.15B	Employment	Temporary, part-time or seasonal; inadequate pay, no benefits	2
6/F	NA	4.15B	Employment	Employed full-time; inadequate pay; few to no benefits	3
6/F	NA	4.15B	Employment	Employed full-time with adequate pay and benefits	4
6/F	NA	4.15B	Employment	Maintains permanent employment with adequate income and benefits	5
6/F	NA	4.15B	Employment	Don't Know	8
6/F	NA	4.15B	Employment	Refused	9
6/F	NA	4.15C	Housing	Homeless or threatened with eviction	1
6/F	NA	4.15C	Housing	In transitional, temporary or substandard housing; and/or current rent or mortgage payment is unaffordable	2
6/F	NA	4.15C	Housing	In stable housing that is safe but only marginally adequate	3
6/F	NA	4.15C	Housing	House is safe, adequate, subsidized	4
6/F	NA	4.15C	Housing	Housing is safe, affordable, adequate, unsubsidized	5
6/F	NA	4.15C	Housing	Don't Know	8
6/F	NA	4.15C	Housing	Refused	9

Ref #	2004 HUD Field ID	2009 HUD Field ID	Field_name	Value Description	Value
7.2.1		**OutcomeMeasures.csv**			
6/F	NA	4.15D	Food	No Food or means to prepare it. Relies to a significant degree on other sources of free or low cost food	1
6/F	NA	4.15D	Food	Household is on food stamps	2
6/F	NA	4.15D	Food	Can meet basic food needs but requires occasional assistance	3
6/F	NA	4.15D	Food	Can meet basic food needs without assistance	4
6/F	NA	4.15D	Food	Can choose to purchase any food household desires	5
6/F	NA	4.15D	Food	Don't Know	8
6/F	NA	4.15D	Food	Refused	9
6/F	NA	4.15E	Childcare	Needs childcare, but none is available/accessible and or child is not eligible	1
6/F	NA	4.15E	Childcare	Childcare is unreliable or unaffordable; inadequate supervision is a problem for childcare that is available	2
6/F	NA	4.15E	Childcare	Affordable subsidized childcare is available but limited	3
6/F	NA	4.15E	Childcare	Reliable, affordable childcare is available; no need for subsidies	4
6/F	NA	4.15E	Childcare	Able to select quality childcare of choice	5
6/F	NA	4.15E	Childcare	Don't Know	8
6/F	NA	4.15E	Childcare	Refused	9
6/F	NA	4.15F	ChildrensEducation	One or more eligible children not enrolled in school	1
6/F	NA	4.15F	ChildrensEducation	All eligible children enrolled in school, but one or more children not attending classes	2
6/F	NA	4.15F	ChildrensEducation	Enrolled in school, but one or more children only occasionally attending classes	3
6/F	NA	4.15F	ChildrensEducation	Enrolled in school and attending classes most of the time	4

Ref #	2004 HUD Field ID	2009 HUD Field ID	Field_name	Value Description	Value
7.2.1		**OutcomeMeasures.csv**			
6/F	NA	4.15F	ChildrensEducation	All eligible children enrolled and attending on a regular basis and making progress	5
6/F	NA	4.15F	ChildrensEducation	Don't Know	8
6/F	NA	4.15F	ChildrensEducation	Refused	9
6/F	NA	4.15G	AdultEducation	Literacy problems and/or no high school diploma/GED are serious barriers to employment.	1
6/F	NA	4.15G	AdultEducation	Enrolled in literacy and/or GED program and/or has sufficient command of English to where language is not a barrier to employment.	2
6/F	NA	4.15G	AdultEducation	Has high school diploma/GED.	3
6/F	NA	4.15G	AdultEducation	Needs additional education/training to improve employment situation and/or to resolve literacy problems to where they are able to function effectively in society.	4
6/F	NA	4.15G	AdultEducation	Has completed education/training needed to become employable. No literacy problems.	5
6/F	NA	4.15G	AdultEducation	Don't Know	8
6/F	NA	4.15G	AdultEducation	Refused	9
6/F	NA	4.15H	Legal	Current outstanding tickets or warrants.	1
6/F	NA	4.15H	Legal	Current charges/trial pending, noncompliance with probation/parole.	2
6/F	NA	4.15H	Legal	Fully compliant with probation/parole terms.	3
6/F	NA	4.15H	Legal	Has successfully completed probation/parole within past 12 months, no new charges filed.	4
6/F	NA	4.15H	Legal	No active criminal justice involvement in more that 12 months and/or no felony criminal history.	5
6/F	NA	4.15H	Legal	Don't Know	8
6/F	NA	4.15H	Legal	Refused	9

Ref #	2004 HUD Field ID	2009 HUD Field ID	Field_name	Value Description	Value
7.2.1		**OutcomeMeasures.csv**			
6/F	NA	4.15I	Healthcare	No medical coverage with immediate need.	1
6/F	NA	4.15I	Healthcare	No medical coverage and great difficulty accessing medical care when needed. Some household members may be in poor health.	2
6/F	NA	4.15I	Healthcare	Some members (e.g. Children) on AHCCCS.	3
6/F	NA	4.15I	Healthcare	All members can get medical care when needed, but may strain budget.	4
6/F	NA	4.15I	Healthcare	All members are covered by affordable, adequate health insurance.	5
6/F	NA	4.15I	Healthcare	Don't Know	8
6/F	NA	4.15I	Healthcare	Refused	9
6/F	NA	4.15J	Lifeskills	Unable to meet basic needs such as hygiene, food, activities of daily living.	1
6/F	NA	4.15J	Lifeskills	Can meet a few but not all needs of daily living without assistance.	2
6/F	NA	4.15J	Lifeskills	Can meet most but not all daily living needs without assistance.	3
6/F	NA	4.15J	Lifeskills	Able to meet all basic needs of daily living without assistance.	4
6/F	NA	4.15J	Lifeskills	Able to provide beyond basic needs of daily living for self and family.	5
6/F	NA	4.15J	Lifeskills	Don't Know	8
6/F	NA	4.15J	Lifeskills	Refused	9
6/F	NA	4.15K	MentalHealth	Danger to self or others; recurring suicidal ideation; experiencing severe difficulty in day-to-day life due to psychological problems.	1
6/F	NA	4.15K	MentalHealth	Recurrent mental health symptoms that may affect behavior, but not a danger to self/others; persistent problems with functioning due to mental health symptoms.	2

Ref #	2004 HUD Field ID	2009 HUD Field ID	Field_name	Value Description	Value
7.2.1		**OutcomeMeasures.csv**			
6/F	NA	4.15K	MentalHealth	Mild symptoms may be present but are transient; only moderate difficulty in functioning due to mental health problems.	3
6/F	NA	4.15K	MentalHealth	Minimal symptoms that are expectable responses to life stressors; only slight impairment in functioning.	4
6/F	NA	4.15K	MentalHealth	Symptoms are absent or rare; good or superior functioning in wide range of activities; no more than every day problems or concerns.	5
6/F	NA	4.15K	MentalHealth	Don't Know	8
6/F	NA	4.15K	MentalHealth	Refused	9
6/F	NA	4.15L	SubstanceAbuse	Meets criteria for severe abuse/dependence; resulting problems so severe that institutional living or hospitalization may be necessary.	1
6/F	NA	4.15L	SubstanceAbuse	Meets criteria for dependence; preoccupation with use and/or obtaining drugs/alcohol; withdrawal or withdrawal avoidance behaviors evident; use results in avoidance or neglect of essential life activities.	2
6/F	NA	4.15L	SubstanceAbuse	Use within last 6 months; evidence of persistent or recurrent social, occupational, emotional or physical problems related to use (such as disruptive behavior or housing problems); problems have persisted for at least one month.	3
6/F	NA	4.15L	SubstanceAbuse	Client has used during last 6 months, but no evidence of persistent or recurrent social, occupational, emotional, or physical problems related to use; no	4

Ref #	2004 HUD Field ID	2009 HUD Field ID	Field_name	Value Description	Value
7.2.1		**OutcomeMeasures.csv**			
				evidence of recurrent dangerous use.	
6/F	NA	4.15L	SubstanceAbuse	No drug use/alcohol abuse in last 6 months.	5
6/F	NA	4.15L	SubstanceAbuse	Don't Know	8
6/F	NA	4.15L	SubstanceAbuse	Refused	9
6/F	NA	4.15M	FamilyRelations	Lack of necessary support from family or friends; abuse (DV, child) is present or there is child neglect	1
6/F	NA	4.15M	FamilyRelations	Family/friends may be supportive but lack ability or resources to help; family members do not relate well with one another; potential for abuse or neglect	2
6/F	NA	4.15M	FamilyRelations	Some support from family/friends; family members acknowledge and seek to change negative behaviors; are learning to communicate and support	3
6/F	NA	4.15M	FamilyRelations	Strong support from family or friends; household members support each other's efforts	4
6/F	NA	4.15M	FamilyRelations	Has healthy/expanding support network; household is stable and communication is consistently open	5
6/F	NA	4.15M	FamilyRelations	Don't Know	8
6/F	NA	4.15M	FamilyRelations	Refused	9
6/F	NA	4.15N	Mobility	No access to transportation, public or private; may have car that is inoperable	1
6/F	NA	4.15N	Mobility	Transportation is available (including bus) but unreliable, unpredictable, unaffordable; may have car but no insurance, license, etc	2

Ref #	2004 HUD Field ID	2009 HUD Field ID	Field_name	Value Description	Value
7.2.1		**OutcomeMeasures.csv**			
6/F	NA	4.15N	Mobility	Transportation is available (including bus) and reliable but limited and/or inconvenient; drivers are licensed and minimally insured	3
6/F	NA	4.15N	Mobility	Transportation (including bus) is generally accessible to meet basic travel needs	4
6/F	NA	4.15N	Mobility	Transportation is readily available and affordable; car is adequately insured	5
6/F	NA	4.15N	Mobility	Don't Know	8
6/F	NA	4.15N	Mobility	Refused	9
6/F	NA	4.15O	CommunityInvolvement	Not applicable due to crisis situation; in "survival" mode	1
6/F	NA	4.15O	CommunityInvolvement	Socially isolated and/or no social skills and/or lacks motivation to become involved	2
6/F	NA	4.15O	CommunityInvolvement	Lacks knowledge of ways to become involved or new to community.	3
6/F	NA	4.15O	CommunityInvolvement	Some community involvement (church, advisory group, support group) but has barriers such as transportation, childcare issues	4
6/F	NA	4.15O	CommunityInvolvement	Actively involved in community (church, etc)	5
6/F	NA	4.15O	CommunityInvolvement	Don't Know	8
6/F	NA	4.15O	CommunityInvolvement	Refused	9
6/F	NA	4.15P	Safety	Home/residence is not safe, lethality is high.	1
6/F	NA	4.15P	Safety	Safety is threatened, temporary protection is available, lethality is high.	2
6/F	NA	4.15P	Safety	Safety is minimally adequate, safety planning is essential	3
6/F	NA	4.15P	Safety	Home is safe, however future is uncertain, safety planning is important.	4
6/F	NA	4.15P	Safety	Home is apparently safe and stable.	5
6/F	NA	4.15P	Safety	Don't Know	8

Ref #	2004 HUD Field ID	2009 HUD Field ID	Field_name	Value Description	Value
7.2.1			**OutcomeMeasures.csv**		
6/F	NA	4.15P	Safety	Refused	9
6/F	NA	4.15Q	ParentingSkills	Parenting skills are lacking and there is no extended family support.	1
6/F	NA	4.15Q	ParentingSkills	Parenting skills are minimal and there is limited extended family support.	2
6/F	NA	4.15Q	ParentingSkills	Parenting skills apparent but not adequate	3
6/F	NA	4.15Q	ParentingSkills	Parenting skills are adequate	4
6/F	NA	4.15Q	ParentingSkills	Parenting skills are well developed	5
6/F	NA	4.15Q	ParentingSkills	Don't Know	8
6/F	NA	4.15Q	ParentingSkills	Refused	9
6/F	NA	4.15R	CreditHistory	No credit history	1
6/F	NA	4.15R	CreditHistory	Outstanding judgments or bankruptcy/foreclosure	2
6/F	NA	4.15R	CreditHistory	Has a credit repair plan	3
6/F	NA	4.15R	CreditHistory	Moderate credit rating	4
6/F	NA	4.15R	CreditHistory	Good credit / manageable debt ratio	5
6/F	NA	4.15R	CreditHistory	Don't Know	8
6/F	NA	4.15R	CreditHistory	Refused	9