

# ART Gallery Report 0635

## 2013 NOFA CoC Application Report, Section 2D

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## 1. INTRODUCTION:

The 0635 report is designed for use to complete Sections in Q2D of the 2013 CoC Application. The first section is Length of Housing (LOH) for Emergency Shelter, Safe Haven, Transitional Housing, Rapid Re-housing and Permanent Supportive Housing during a specified date range as provided by HUD in FAQ ID 1462. The report is designed to calculate LOH using methodology like that of the CoC APR and looks only at the client's last program stay in the date range.

The second section reports on Missing/Null percentages and Don't Know/Refused percentages on a single day in the last 10 days of January 2013 (unless an exception was granted by HUD and the count was conducted on a different date). Per FAQ ID 1466 only Missing Values are reported in the NOFA.

This report is intended for CoC's that are participating in the 2013 CoC Application Process (NOFA). It will help to calculate data needed for section 2D of the application. It can be run at any other time when length of housing over a period of time or data quality percentages on a single date is needed.

This report should be run as needed for the 2013 CoC Application. HUD would like CoC's to use the date range of July 1, 2012 to June 30, 2013 for Length of Housing. These dates are set as the default for Start and End Date in the prompts. The PIT date should be a night in the last 10 days of January 2013 (unless the CoC received a special waiver from HUD and is using a date outside that range).

Prerequisites and workflow requirements:

- Use of a standard HUD Workflow by participating providers
- Proper recording of Program CoC Code, Program Type Code and Shelter Service Code in the Admin Provider Configurations for each provider in the dataset.

Compatibility and system requirements: This report requires ServicePoint 5x and ART 3x.

## 2. REPORT INSTRUCTIONS AND PROMPTS:

The easiest way to start using this report is to navigate to the automapper. This is a folder that has the reports automatically mapped to your site, so that you don't have to map them yourself. You can navigate to the automapper as shown in Figure 2.1 below:

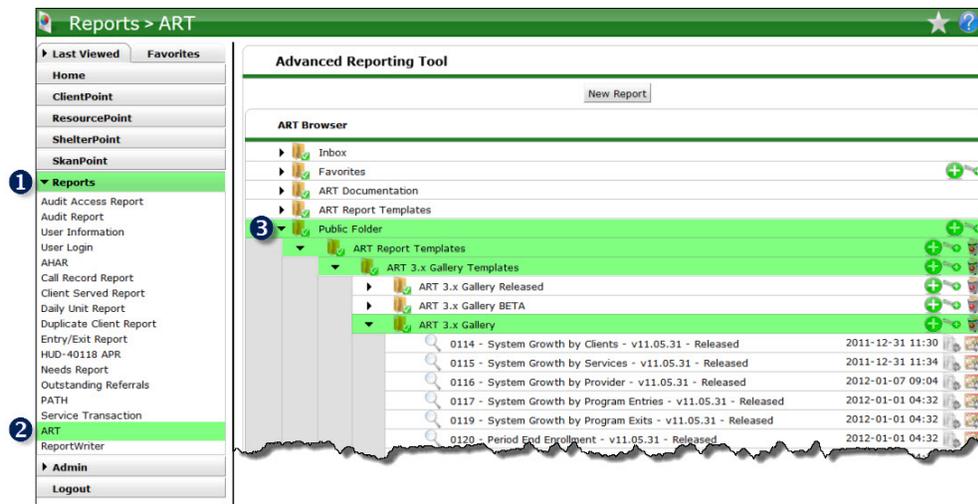


Figure 2.1

Requests for additional information concerning the report function/design should be directed to Bowman Systems' Customer Support Specialist (CSS) staff.

**How to run:** Upon opening the report, the User will be prompted to specify parameters which control the data returned by the report. Once the User has provided these parameters by responding to the user prompts, a green check-mark will appear next to each field to indicate that a selection has been made. The User should then single-click the “Refresh Data” button to generate the report.

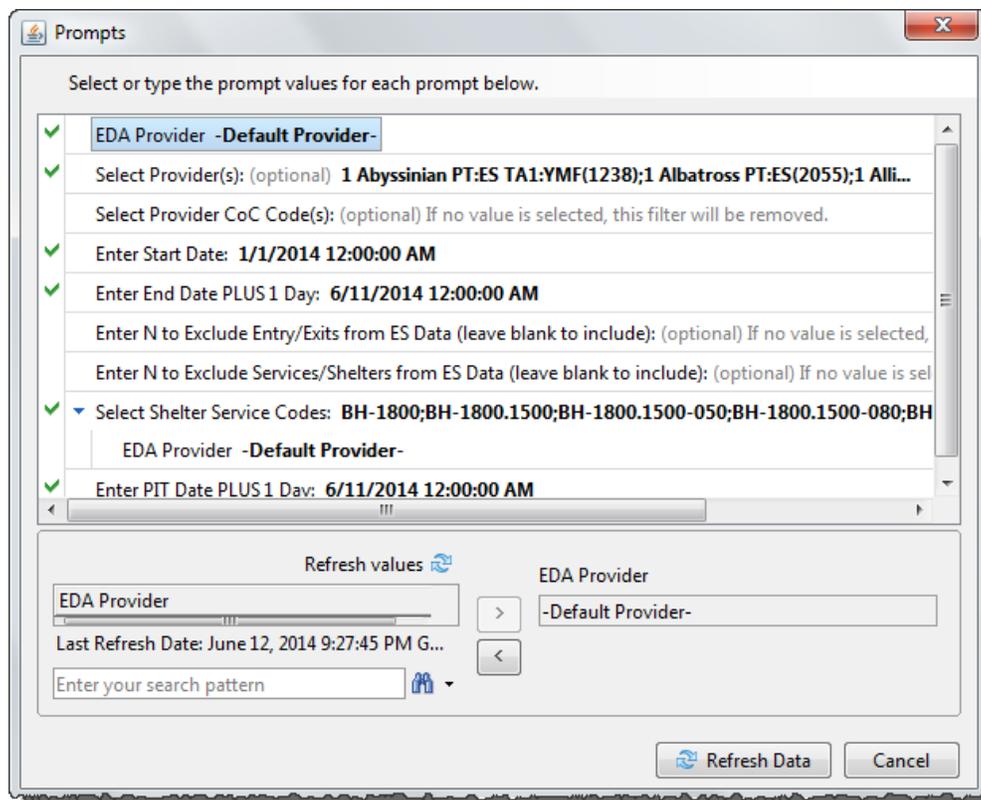


Figure 2.2

The user prompts contained in this report are:

1. **EDA Provider:** The user should select the EDA provider to run the report as, or leave it at the "-Default Provider-" if the default has the appropriate security level.
2. **Select Provider(s):** This prompt is optional. Click the “refresh list” icon and wait for the left window to refresh. Now select the providers to include by highlighting them in the left window and moving them into the right window using the right selection arrow.
3. **Select Provider CoC Code(s):** This prompt is optional. Click the “refresh list” icon and wait for the left window to refresh. Now select the provider CoC Codes to include by highlighting them in the left window and moving them into the right window using the right selection arrow
4. **Enter Start Date:** The default is set to 07/01/2012 to meet HUD’s specifications in FAQ 1462. Alternatively if desired, the user can enter (or select from the calendar) a different start date in the range of interest for calculating Length of Housing.
5. **Enter End Date PLUS 1 Day:** The default is set to 07/01/2013 to meet HUD’s specifications in FAQ 1462. Alternatively, if desired the user can enter (or select from the calendar) a different end date one day after the last date the range of interest.
6. **Enter N to Exclude Entry/Exits from the ES Data (leave blank to include):** The user should enter an N to exclude Entry/Exit data from the ES Length of Housing calculation. To include Entry/Exit data for the ES Length of Housing calculation, leave this prompt blank. *This filter applies ONLY to the Length of Housing portion of the report.*

7. **Enter N to Exclude Services/Shelter from ES Data (leave blank to include):** The user should enter an N to exclude Services/Shelter data from the ES Length of Housing calculation. To include Services/Shelter data for the ES Length of Housing calculation, leave this prompt blank. *This filter applies ONLY to the Length of Housing portion of the report.*
8. **Select Shelter Service Codes:** The user should select the desired shelter service codes to include. The prompt is set to default to BH-1800+ and TH-2600.1580-140.
9. **Enter PIT Date Plus 1 Day:** The user should type in, or select from the calendar, the day immediately following the day of the PIT count. For example, if the PIT was conducted on January 28, 2013, then January 29, 2013 should be entered/selected. For this report, the PIT date should fall within the last 10 days of January 2013 unless a waiver has been granted by HUD. For the Data Quality section of the report all Shelter Services (BH-1800 and related) and Entry/Exits are included.

### 3. DESCRIPTION AND LAYOUT:

#### 3.1 Tab A – Length of Housing 2D

This tab contains data for the Average Length of Time in Housing for Emergency Shelter, Safe Haven, Transitional Housing, Rapid Re-housing and Permanent Supportive Housing.

<b>2013 NOFA CoC Application Report, Section 2D</b>			
<b>Length of Housing (2D)</b>			
<b>Reporting Period: 7/1/12 - 7/1/13</b>			
Type of Housing	Average Length of Time in Housing		
	Stayers Only	Leavers Only	Stayers and Leavers
Emergency Shelter	339 (Days)	10.64 (Days)	141.62 (Days)
Safe Haven	11.94 (Months)	0.52 (Months)	10.42 (Months)
Transitional Housing	11.99 (Months)	0.69 (Months)	10.19 (Months)
Rapid Re-Housing	11.95 (Months)	0.59 (Months)	9.87 (Months)
Permanent Supportive Housing	12.18 (Months)	0.59 (Months)	11.9 (Months)

Figure 3.1

#### Average Length of Time In Housing:

- Cells are calculated using logic like that of the CoC APR report Average Length of Stay (Q27) with a modification to allow for the use of shelter services in the calculation for Emergency Shelter if selected in the prompts.
- Emergency Shelter is counted in Days, all other project types in Months per HUD's guidance in the Detailed Instructions.
- Program stays (either Entry/Exit and/or shelter services) are calculated using the start date and end date given in the prompts. If there is more than one program

stay in the time period for the given Program Type Code, only the program stay closest to the end of the operating year selected in the prompts is counted in the calculation.

- Each project type average is calculated independent of the other project types. Meaning a single client can appear in more than one row if they have multiple program stays in the operating year.
- Although the report may return a value lower than 1, as per HUD guidance the minimum number allowed in the cell is 1 and e-snaps will automatically round numbers up or down appropriately.

*NOTE: Columns are provided for Stayers, Leavers and Stayers + Leavers. At the time of report release HUD has not yet provided guidance as to which information is required on the NOFA. Please review NOFA instructions/FAQ for further information.*

### 3.2 Tab B – LOH Detail

This tab contains a table that will display data about each client related to the program stay.

2013 NOFA CoC Application Report, Section 2D									
Length of Housing Detail									
Reporting Period: 7/1/12 - 7/1/13									
Client Unique Id 3,434	Client Id 3,434	Provider	CoC Code	Type Code	Trans Type	Start Date	End Date	LOH	
aa0f09112007a535b620	343767	Gkg Dfcdejdju Xisd Ig Ingerodgx Khiluvmb Tofee(4686)	Stown CoC	ES	EE	5/3/2012		365	
aa0f09112007a535b620	343767	Gkg Dfcdejdju Xisd Ig Ingerodgx Khiluvmb Tofee(4686)	Stown CoC	ES	Shelter	5/3/2012		365	
aaHm05111957a160h152	436330	EKQ RODG Gaoiqm(8893)	Stown CoC	RRH	EE	6/11/2012		365	
aaY05081981a500k200	426744	Gkg Dfcdejdju Xisd Ig Ingerodgx Khiluvmb Tofee(4686)	Stown CoC	ES	EE	6/11/2012	7/6/2012	5	
aaY05081981a500k200	426744	Gkg Dfcdejdju Xisd Ig Ingerodgx Khiluvmb Tofee(4686)	Stown CoC	ES	Shelter	6/11/2012	7/9/2012	8	
aaY09082004a323m200	510822	Ittdoxhrg Kbyyqj Ovvpayy Nfc Wwhoh(8552)	Stown CoC	ES	Shelter	6/11/2012	8/12/2012	42	
aaZm09101968a536a650	258796	Vplokvdip Gyance Clpawly Qhcs Zrglyb(8551)	Stown CoC	ES	Shelter	7/23/2012	8/8/2012	16	
aaZrf1031977a430a620	455975	JYOF Wvdcbwktuc - Fikjlvorogv Vvucvbi Tpaqts(7146)	Stown CoC	TH	EE	4/13/2011		365	
aaZrm04081990a636c650	166046	Rjawnova Inert Ufshamm ifm Johe(7861)	Stown CoC	PSH	EE	6/11/1999		365	

Figure 3.2

#### Length of Housing Detail

- **Client Unique Id:** The column header counts all Client Unique Id's in the report range. The cells are merged, which means multiple rows of data for that client will only display one Client Unique Id.
- **Client Id:** The column header counts all Client Uid's in the report range. The cells are merged, which means multiple rows of data for that client will only display one Client Uid.
- **Provider:** This column displays the provider name for the program stay included in the Length of Housing Tab
- **CoC Code:** This column displays the CoC Code for the provider.
- **Type Code:** This column displays the Program Type Code for each provider.
  - ES = Emergency Shelter
  - SH = Safe Haven
  - TH = Transitional Housing
  - RRH = Rapid Re-housing
  - PSH = Permanent Supportive Housing

- **Trans Type:** This column displays the Transaction Type for each client. These are EE for Entry/Exit, Svs for Service Transaction and Shelter for ShelterPoint Service.
- **Start Date:** This column displays the start date for the Entry/Exit, Shelter Service or Service Transaction.
- **End Date:** This column displays the end date for the Entry/Exit, Shelter Service or Service Transaction.
- **LOS:** This column displays the length of stay for each program stay in total number of days.
- **Total LOH is provided at the bottom of the table to aid in review of LOH data.**

### 3.3 Tab C – DQ for UDEs 2D

This tab contains a table that will display the Data Quality values for HUD UDEs as specified in the 2013 CoC Application.

2013 NOFA CoC Application Report, Section 2D			
Data Quality for UDEs (2D)			
PIT Date : 1/1/12			
Universal Data Element	Records with no values (%)	Records where value is refused or unknown(%)	Records where value is refused, unknown, or null(%)
Name	0.76% (27 / 3,538)	0% (0 / 3,538)	0.76% (27 / 3,538)
Social Security Number	0.08% (3 / 3,538)	0% (0 / 3,538)	0.08% (3 / 3,538)
Date of Birth	0.68% (24 / 3,538)	0.03% (1 / 3,538)	0.71% (25 / 3,538)
Ethnicity	0.96% (34 / 3,538)	0.48% (17 / 3,538)	1.44% (51 / 3,538)
Race	1.36% (48 / 3,538)	0.28% (10 / 3,538)	1.64% (58 / 3,538)
Gender	0.65% (23 / 3,538)	0% (0 / 3,538)	0.65% (23 / 3,538)
Veteran Status	0.67% (19 / 2,821)	0.57% (16 / 2,821)	1.24% (35 / 2,821)
Disabling Condition	2.13% (60 / 2,821)	2.27% (64 / 2,821)	4.4% (124 / 2,821)
Residence Prior to Program Entry	7.99% (226 / 2,828)	1.84% (52 / 2,828)	9.83% (278 / 2,828)
Zip Code of Last Permanent Address	8.95% (253 / 2,828)	4% (113 / 2,828)	12.94% (366 / 2,828)
Housing Status	6.54% (185 / 2,828)	0.42% (12 / 2,828)	6.97% (197 / 2,828)
Head of Household	0.9% (32 / 3,538)	0% (0 / 3,538)	0.9% (32 / 3,538)

Figure 3.3

#### Data Quality

- Name, SSN, DOB, Eth, Race, Gender:** The universe of clients for each of these columns is calculated using the same logic as the 0625 CoC APR – both adults and children are included in the calculations. Missing values, DK or Refused values are divided by the total number of active clients (those with an Entry/Exit, Shelter Service (BH-1800 and related) with a start date before or on the PIT date and no exit date or an exit date that is after the PIT date). Data are pulled from the start date of the entry exit or shelter service.
- Vet, Disab YN:** The universe of clients for each of these columns are calculated using the same logic as the 0625 CoC APR with the exception that both calculations are limited to Adult clients only as per HUD guidance. Data are pulled from the start date of the entry exit or shelter service.
- PLS (Prior Living Situation), Zip and Housing Status:** The universe of clients for each of these columns are calculated using the same logic as the 0625 CoC APR with the exception that children are excluded. Only adults (18 or older) and unaccompanied youth (17 and younger) are included per HUD guidance. Data are pulled from the start date of the entry exit or shelter service.
- Head of Household:** Head of Household is calculated by looking at the household composition for each household and checking to see if there is a “Head of Household” marked “Yes” on the Household Tab. See Tech Note 7.2 for more information on regarding the “Head of Household” element and NOFA scoring.

*NOTE: Clarification from HUD (Tech Note 7.2) specifies that only Missing Data will be included in the 2013 NOFA.*

### 3.4 Tab D – Missing Detail

This tab contains a table that will display each client included in the Data Quality for UDEs Tab C. Missing/Null values and non-HUD values are displayed in red to help the user locate data that may need to be corrected.

2013 NOFA CoC Application Report, Section 2D																			
Client Detail for Missing or Don't Know/Refused Values																			
PIT Date : 1/1/12																			
Group Id	Client Unique Id 3,637	Client Id 3,638	Age	Provider	Trans Type	Start Date	End Date	Name	SSN	DOB	Eth	Race	Gender	Vet	Disab YN	PLS	Zip	Hous Status	Head
146114	kdzm11231956k500y360	32653	45	CPA Oqagnixotj Cewxebi Mckitfee Mm(woywdp)(8408)	EE	8/1/2002		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
146151	mkmt01101950m426m524	159642	50	CPA Oqagnixotj Cewxebi Mckitfee Mm(woywdp)(8408)	EE	8/1/2008		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
146165	tesf09091960m460k520	159647	44	CPA Oqagnixotj Cewxebi Mckitfee Mm(woywdp)(8408)	EE	11/19/2004		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
154633	lrmj091439k450k550	155153		Riawhova Irjarf Udshuzim Ifim Johe	EE	8/1/2008		OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK

Figure 3.4

#### Client Detail:

- **Group Id:** This column displays the Group Id.
- **Client Unique Id:** The column header counts all Client Unique Id's in the report range. The cells are merged, which means multiple rows of data for that client will only display one Client Unique Id.
- **Client Id:** The column header counts all Client Uid's in the report range. The cells are merged, which means multiple rows of data for a client will only display one Client Uid.
- **Age:** This column displays the age for each client as of the start of the program stay. If the DOB is missing, this column will display a Null. If the value is Don't Know or Refused it will display as DKR.
- **Provider:** This column displays the provider of the Entry/Exit or Shelter Service.
- **Trans Type:** This column displays the Transaction Type for each client. These are EE for Entry/Exit, Svs for Shelter Service Transaction and Shelter for ShelterPoint Service. ONLY services BH-1800 and related are included in the data quality section of the report.
- **Start Date:** This column displays the start date for the program stay.
- **End Date:** This column displays the end date for the program stay. It is blank if there is no exit date for the client.
- **Name, SSN, DOB, Eth, Race, Gender, Vet, Disab YN, PLS (Prior Living Situation), Zip and Housing Status, Head of Household:** These columns display an "OK" if there is no data quality error. "Missing" appears where there is a Missing/Null value in the client record. "Missing Non-HUD" appears where there is a Non-HUD value. If the value is "Don't Know" or "Refused" it will display as "DKR."

### 3.5 Tab E – Additional Information

This tab contains the information included in the prompts and tables with the providers included in Tab A Length of Housing and Tab C Data Quality.

2013 NOFA CoC Application Report, Section 2D			
Additional Information			
Reporting Period: 1/1/11 - 4/1/11			
User Prompt Field	Value(s) Selected		
EDA Provider:	-Default Provider-		
Select Provider(s):	-blank- (Optional Prompt)		
Select Provider CoC Code(s):	Btown CoC		
Enter Start Date:	1/1/2011		
Enter End Date PLUS 1 Day:	4/1/2011		
Enter N to Exclude Services/Shelters from ES Data (leave blank to include):	N		
Enter N to Exclude Entry/Exits from ES Data (leave blank to include):	-blank- (Pulls Entry/Exits for ES Data)		
Enter PIT Date PLUS 1 Day:	4/1/2011		

Length of Housing Providers	CoC Code	Type Code	LOH Clients
1 Care House(7095)	LA-101	TH	50
1 EFC Ash Street Safe Haven(3663)	Dpoh XJU	SH	25

Figure 3.5

#### Length of Housing and Data Quality Tables with Client Counts:

- **Length of Housing/Data Quality Providers:** This column lists the providers included in each section of the report as specified by the table header.
- **CoC Code:** This column displays the CoC codes for each provider included in the report.
- **Type Code** – this column displays the Program Type Code for each provider included in each section of the report. Code abbreviations are listed as follows:
  - ES = Emergency Shelter
  - HPRP = Homelessness Prevention and Rapid Re-housing
  - HO = Homeless Outreach
  - PH = Permanent Housing (eg. Mod Rehab SRO, subsidized housing without services)
  - PSH = Permanent Supportive Housing
  - Other = Other
  - SH = Safe Haven
  - SSO = Supportive Services Only
  - TH = Transitional Housing
  - RRH = Rapid Re-Housing
  - P = Prevention
- **LOH/DQ Clients** – this column contains a client count per program of the clients included in the report tabs.

## 4. INPUT CONTROLS:

### 4.1 Tabs A, C and E

There are no input controls for Tab A, C or E.

### 4.2 Tab B – LOH Detail

Input controls for this tab will assist with locating data for each Program Type Code.

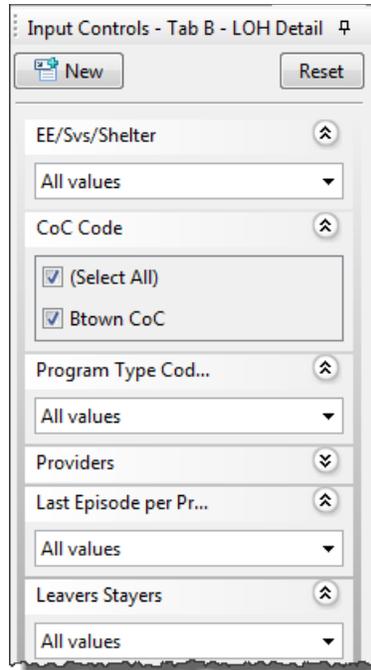


Figure 4.2

#### Input controls include the following:

- 1) **EE/Svs/Shelter** – this input control allows the user to limit the data set to reflect only the selected transaction type of either Entry/Exit, Services or Shelter
- 2) **CoC Code**- this input control allows the user to filter the data to a single CoC if more than one CoC code was selected in the prompts
- 3) **Program Type Code** – this input control allows the user to filter the data to a single Program Type code of Emergency Shelter, Safe Haven, Transitional Housing, Rapid Re-Housing or Permanent Supportive Housing
- 4) **Providers** - this input control allows the user to filter the data to a single provider.
- 5) **Last Episode per Program Type** – this input control allows the user to filter to the last episode for each program type code
- 6) **Leavers Stayers** – this input control allows the user to filter to stayers or leavers. It can be used in conjunction with Last Episode per Program Type to filter down to a specific cell.

#### 4.4 Tab D – Missing Detail

Input controls for this tab will assist with locating data for Missing/Null percentages and Don't Know/Refused percentages. NOTE: If a particular error is not found in the data set then the radio button will not appear in the list of options.

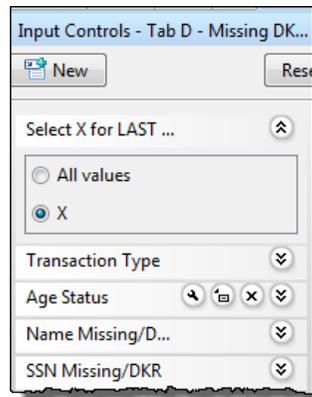


Figure 4.4

Input controls include the following:

- 1) **Limit to Last Transaction** – this input control allows the user to limit the data set to reflect only the last transaction by selecting X. This is used where clients may have more than one program entry on the night of the PIT count entered in the prompts
- 2) **Transaction Type** – this input control allows the user to limit the data set to reflect only the selected transaction type of either Entry/Exit, Services or Shelter
- 3) **Age Status** – this input control allows the user to limit the data set to reflect only certain age groups or error in age (missing age)
- 4) **Name Missing/DKR, SSN Missing/DKR, DOB Missing/DKR, ETH Missing/DKR, Race Missing/DKR, Gender Missing/DKR, Veteran Missing/DKR, Disabling Condition Missing/DKR, Prior Residence Missing/DKR, Zip Code Missing/DKR, Housing Status Missing/DKR, Head of Household Missing/DKR** – these input control allows the user to filter by missing/null values and DKR values.
- 5) **Program Type Code** – this input control allows the user to filter the data to a single HUD Program Type code
- 6) **CoC Code** – this input control allows the user to filter the data to a single CoC if more than one CoC code was selected in the prompts
- 7) **Providers** - this input control allows the user to filter the data to a single provider.

## 5. ALERTERS:

### 5.1 Tab D – Data Quality Detail

Each Missing value is indicated in red. Non HUD Values are indicated by a red “Missing Non-HUD.”

## 6. DIMENSIONS USED:

### 6.1 – Information common to multiple tabs

<b>Additional Dimensions</b>	Client Id, Client Unique Id, Entry Exit Entry Date, Entry Exit Exit Date, Entry Exit Id, Event Type, Provider, Provider CoC Code, Provider Program Type Code, Service Id, Service Provide End Date, Service Provide Start Date
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### 6.2 – Tabs C and D

<b>Additional Dimensions</b>	Client First Name, Client Last Name, Social Security Number, Social Security Number Data Quality, Date of Birth, Date of Birth Type, Do you have a disability of long duration, Entry Exit Group Id, Ethnicity, Gender, Housing Status, Is Client US Military Veteran, Race, Secondary Race, Service Group Id, Service Provided, Type of Living Situation, Zip Code of Last Permanent Address, Zip Data Quality
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## 7. TECHNICAL INFORMATION:

### 7.1 How the data are pulled:

This report utilizes two separate queries, both of which are based on the Event Universe. Clients are pulled into report Tabs A and B based on the query filters present in query LOH Data. Clients are pulled into report Tabs C and D based on the query filters present in query DQ Data.

### 7.2 Technical note:

a) **Run time:** The initial run time for this report may be as long as 10-20 minutes. If this is an issue, the report can be scheduled. The second run time for this report will be reduced to approximately 5 minutes.

b) **HUD FAQ 1462:** For question 2D-1, regarding the average length of time project participants remain in housing for ES, TH, SH, PSH, and RRH programs, how should the average length of time be calculated and what is the date range that should be used by CoCs to answer this question?

CoCs should calculate the average length of time participants remain in housing based on the calculation for Q27 of the APR. The date range CoCs should use is between July 1, 2012 and June 30, 2013.

c) **HUD FAQ 1466:** The instructions for question 2D-2 in the FY 2013 - FY 2014 CoC Application asks for the Collaborative Applicant to report on records with no value and where value is refused or unknown, however the table in *e-snaps* does not have a column for reporting on the refused or unknown values. How should the Collaborative Applicant complete 2D-2 in order to get all points associated with this question in the FY 2013 - FY 2014 CoC Program Competition NOFA?

HUD recognizes there is a technical issue with question 2D-2 in the FY 2013/FY 2014 CoC Application form in *e-snaps*. The NOFA indicates that HUD will "award up to 2 points to CoCs that have below 10 percent null or missing values and 10 percent of refused or unknown records as recorded in the HMIS will receive maximum points." The column for CoCs to report on the percent of records with refused or unknown is missing, so CoCs are not able to report on that. Because of this technical issue HUD will award all applicants 1 point automatically. The other point will be based on the null and missing values that are entered for the following:

- Social Security Number, Date of Birth, Ethnicity, Race, Gender, Name, Veteran Status, Disabling Condition, Residence Prior to Program Entry, Zip Code of Last Permanent Address, Housing Status

Head of Household is not currently a Universal Data Element so the Collaborative Applicant can either enter the actual percentage, if known, or enter '0'. This field will not be a part of the score.

### 7.3 Modification options:

This report is based on HUD established reporting instructions contained in the Detailed Instructions for Completing the CoC Application: FY2013 Continuum of Care Application.

Modification is generally not recommended. However, if Shelter Service transactions are not a part of the CoC's workflow, the report can be modified to remove these from the Data Quality section of the report. Please contact your CSS for assistance if needed.

## 8. MAPPING OBJECTS:

A listing of the report objects and their source universe and source folder is provided below. Objects are arranged by query and by object type.

QUERY NAME	OBJECT TYPE	FIELD NAME	LOCATION
LOH Data client_event_u	Result Objects:	Event Type	Events
		Client Id	Event Details / Client
		Client Unique Id	Event Details / Client
		Provider	Event Details / Provider
		Provider CoC Code	Event Details / Provider
		Provider Program Type Code	Event Details / Provider
		Entry Exit Id	Event Details / Entry Exit
		Entry Exit Exit Date	Event Details / Entry Exit
		Entry Exit Entry Date	Event Details / Entry Exit
		Service Id	Event Details / Service
		Service Provide Start Date	Event Details / Service
		Service Provide End Date	Event Details / Service
	Filter Objects:	Event Type is Service Start	Event Filters / Event Type Filters
		Event Type is Shelter Stay Start	Event Filters / Event Type Filters
		Service Code	Event Details / Service
		Event Type is Program Entry	Event Filters / Event Type Filters
BISData client_event_u	Result Objects:	Event Id	Events
		Event Type	Events
		Client Id	Event Details / Client
		Client Unique Id	Event Details / Client
		Provider	Event Details / Provider
		Provider CoC Code	Event Details / Provider
		Provider Program Type Code	Event Details / Provider
		Entry Exit Id	Event Details / Entry Exit
		Entry Exit Group Id	Event Details / Entry Exit
		Entry Exit Entry Date	Event Details / Entry Exit
		Entry Exit Exit Date	Event Details / Entry Exit
		Service id	Event Details / Service
		Service Group Id	Event Details / Service
		Service Provide Start Date	Event Details / Service
		Service Provide End Date	Event Details / Service
		Service Provided	Event Details / Service
		Client First Name	Event Details / Client
		Client Last Name	Event Details / Client
		Client SSN	Event Details / Client
		Client SSN Data Quality	Event Details / Client
		Date of Birth	Event Details / Client
		Date of Birth Type	Event Details / Assessments
		Ethnicity	Event Details / Client
		Primary Race	Event Details / Client
		Secondary Race	Event Details / Client
		Gender	Event Details / Client
US Military Veteran	Event Details / Assessments		

		Do you have a disability of long duration	Event Details / Assessments
		Type of Living Situation	Event Details / Assessments
		Zip Code of Last Permanent Address	Event Details / Assessments
		Zip Data Quality	Event Details / Assessments
		Housing Status	Event Details / Assessments
	Filter Objects:	Event Type is Service Start	Event Filters / Event Type Filters
		Event Type is Shelter Stay Start	Event Filters / Event Type Filters
		Event Type is Program Entry	Event Filters / Event Type Filters

## 9. REVISION HISTORY:

Version	Description of Changes
V1	Original version –BETA
V2	Added information and calculation for 2D Data Quality for Destination and Head of Household. Clarified information about universes of clients for calculations.
V3	Updated to 2013 requirements: Added RRH and PSH in Length of Housing. Removed DKR values and Destination option from DQ calculations. Updated User Manual.
V4	Updated for 2013 to add DKR and Total columns for Data Quality.
V5	Revision: Edited 2D1 to pull LOH based on Last Episode Only and add columns for Stayers, Leavers, Stayers + Leavers. Added in information from FAQ regarding Missing/DKR values and LOH section. Edited language for Input Control on Tab C. This input control limits to Last Episode.
V6	Revision: Edit to 2D2 for Data Quality to remove non-Shelter Services from calculation.
V7	Revision: Added prompt for Shelter Service code – set with default values of BH-1800+ and TH-2600.1580-140