

ART Gallery Report 0700

Length of Time Persons Remain Homeless, Metric 1

Contents

1. INTRODUCTION:	2
2. REPORT INSTRUCTIONS AND PROMPTS:.....	2
3. DESCRIPTION AND LAYOUT:	4
3.1 Tab A - Summary.....	4
3.2 Tab B – Detail.....	5
3.3 Tab C – Additional Information	6
4. INPUT CONTROLS:	6
4.1 Tab B – Detail.....	6
5. ALERTERS:	7
5.1 Tab B – Detail.....	7
6. TECHNICAL INFORMATION:	8
6.1 How the data are pulled:	8
6.2 Technical Notes:	9
6.3 Modification options:	9
7. MAPPING OBJECTS:	10
8. REVISION HISTORY:.....	11

1. INTRODUCTION:

This report is one in a series of CoC System Performance Measures. This report measures the number of clients active in the report date range along with their average and median length of time homeless across the relevant universe of projects. This includes time homeless during the report date range as well as prior to the report start date.

This report should be run as needed to report to HUD on the CoC Performance Measures.

Prerequisites and workflow requirements:

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

Compatibility and system requirements: requires ServicePoint 5.11.x or higher and ART 3.1.

2. REPORT INSTRUCTIONS AND PROMPTS:

The easiest way to start using this report is to navigate to the auto-mapper. 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 auto-mapper as shown in Figure 2.1 below:

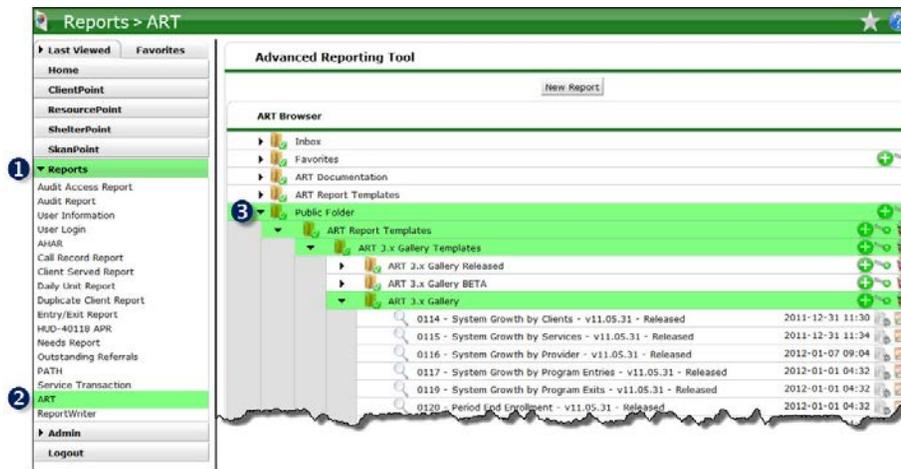


Figure 2.1

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.

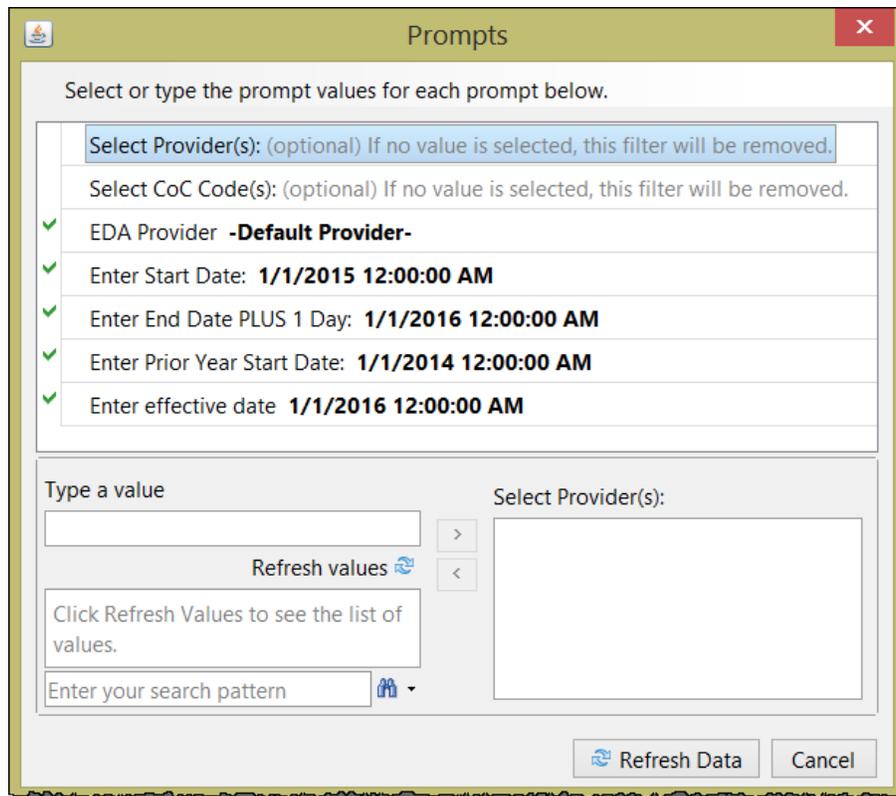


Figure 2.2

The user prompts contained in this report are:

1. **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.
2. **Select CoC Code(s):** This prompt is optional. Either leave “None Selected” in the prompt or 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
3. **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.
4. **Enter Start Date:** Enter the date for the start date of the fiscal year for the report.
5. **Enter End Date PLUS 1 Day:** Enter the End Date plus one day.
6. **Enter Prior Year Start Date:** Enter the date for the Prior Year to be considered in the report. This should be one year prior to the Start Date.
7. **Enter effective date:** Enter the date for which all data should be effective. This should be the same as the End Date PLUS 1 day.

3. DESCRIPTION AND LAYOUT:

3.1 Tab A - Summary

The first table contains data about Average and Median Length of Time Homeless. This includes time before the Prompt Start date where applicable (but no further back than 10/1/2012).

Length of Time Persons Remain Homeless, Metric 1			
Summary			
Report Dates: 1/1/2015 - 12/31/2015			
	Current Year Counts (Persons)	Current Year Average LOT	Current Year Median LOT
Persons in Emergency Shelter and Safe Haven	12,135	44.95	25
Persons in Emergency Shelter, Safe Haven, and Transitional Housing	14,853	86.62	38

Figure 3.1

Table information for Metric 1:

- **Column One** - displays the Current Year Count of Persons
- **Column Two** - displays the Current Year Average Length of Time Homeless in Days (LOT)
- **Column Three** - displays the Current Year Median LOT
- **Row One** – displays the counts described above only for Emergency Shelter and Safe Haven
- **Row Two** – displays the counts described above for Emergency Shelter, Safe Haven and Transitional Housing

3.2 Tab B – Detail

This tab contains details information for all of the transactions included in the report.

Length of Time Persons Remain Homeless, Metric 1										
Detail										
Report Dates: 1/1/2015 - 12/31/2015										
Client Uid	Unique Id 19,916	Trans Type	Provider	Proj Type	Date Move In	Start Date	End Date	Tran LOT	Adjusted Cutoff	
625333	aabw23	Entry/Exit	FYBJ ka Csigjzz Kucjtsps Khpulcq(3498)	ES		7/15/2015	8/14/2015	30	8/14/14	
67346	aacm63	Entry/Exit	Sdwrex Uimnfb - HXPE Vmrxloqmj Ozjogh(5174)	ES		9/22/2015	9/23/2015	1	9/23/14	
153179	aads21	Entry/Exit	Sxyubk Rkhlzrq Rrygctwfij WMN Kjidd(7667)	TH		1/31/2015		335	1/1/15	
82719	aaeb30	Entry/Exit	SNM lwuetiqqc LFWE Oeuvh Sh-hcwkubt lthtceo(9350)	RRH		9/24/2015		99	1/1/15	
611351	aaej52	Entry/Exit	ZPGSC - Jlnhld Camrg Xhouwrj Iyjchfj(8836)	ES		1/17/2015	1/20/2015	3	1/20/14	
630786	aafw30	Entry/Exit	Lmqpfkfw Sepfbbgo Tesxfchd Lclpq Wcimhsvdi Atdfuri(9164)	ES		10/21/2015		72	1/1/15	
613391	aagc00	Entry/Exit	Mnd Dvnc leu Izcrpp Uitdijh Orvd Gx Bslevgr Gidkdk(9467)	ES		2/4/2015	3/2/2015	26	3/2/14	
427182	aagg65	Entry/Exit	1 Cardinal PT:ES TA1:HC-SF-SM Othr:Sal(4686)	ES		12/8/2015		24	1/1/15	
601969	aahc62	ShelterPT	Vgrcuoldyp Xfqf Nqpv-Hq Vwfwct(3373)	ES		9/8/2014	9/15/2014	7	4/28/14	
601969		ShelterPT	Vgrcuoldyp Xfqf Nqpv-Hq Vwfwct(3373)	ES		9/15/2014	9/20/2014	5	4/28/14	
601969		ShelterPT	Vgrcuoldyp Xfqf Nqpv-Hq Vwfwct(3373)	ES		9/20/2014	9/22/2014	2	4/28/14	
601969		ShelterPT	Vgrcuoldyp Xfqf Nqpv-Hq Vwfwct(3373)	ES		9/22/2014	9/25/2014	3	4/28/14	

Figure 3.2

Column Detail:

- **Client Uid:** The column lists all Client Uid's in the report range.
- **Unique Id:** The column header counts all 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.
- **Trans Type:** This column displays the type of Transaction used to calculate Length of Time Homeless
- **Provider:** This column displays the provider of the Entry/Exit
- **Proj Type:** This column displays the project type for each Entry/Exit
- **Date Move In:** This column displays the Move in Date for all RRH Projects if one is entered in the date range
- **Start Date:** This column displays the start date for the Entry/Exit.
- **End Date:** This column displays the end date for the Entry/Exit and is blank if client is not exited.
- **Tran LOT:** This column displays the Length of Time Homeless in days for the transaction. Only ES, SH and TH LOTs are used in the average and median Length of Time Homeless calculations. A negative number will appear for RRH clients with a Move in Date that overlaps an ES, SH or TH Entry.
- **Adjusted Cutoff:** This column displays the cutoff date for counting the homeless transactions. This is one year prior to the client's exit date for the valid transaction or the Start Date of the date range selected.

3.3 Tab C – Additional Information

This tab contains the information included in the prompts and a list of all providers in the report with Project Type, Transaction Count and Unique Client Count specified per provider.

Length of Time Persons Remain Homeless, Metric 1			
Additional Information			
Report Dates: 1/1/2015 - 12/31/2015			
User Prompt Field	Value(s) Selected		
Select Provider(s):	- Optional Prompt -		
Select CoC Code(s):	- Optional Prompt -		
EDA Provider:	-Default Provider-		
Enter Start Date:	1/1/2015		
Enter End Date PLUS 1 Day:	1/1/2016		
Enter Prior Year Start Date:	1/1/14		
Enter Effective Date:	1/1/16		
Provider	Proj Type	Transaction Count	Unique Client Count
1 Abyssinian PT:ES TA1:YMF(1238)	ES	199	174
1 Antelope PT:ES TA1:HC(5090)	ES	707	659
1 Arctic Wolf PT:ES TA1:SM(6938)	ES	660	618
1 Bandicoot PT:ES TA1:SMF Othr:Sal(7493)	ES	147	139
1 Barn Owl PT:ES TA1:SF+HC(8325)	ES	953	793

Figure 3.3

4. INPUT CONTROLS:

4.1 Tab B – Detail

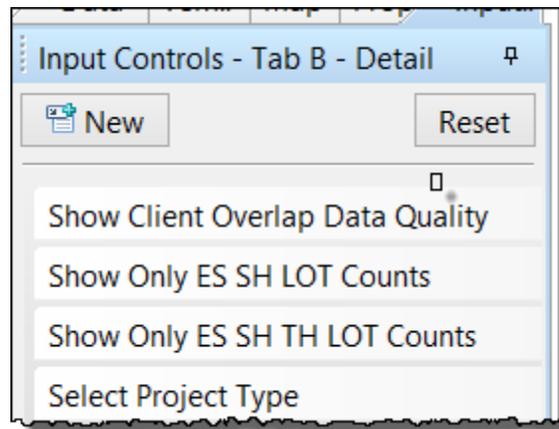


Figure 4.1

Input controls include the following:

- 1) **Show Client Overlap DQ:** This allows the user to filter the data to overlapping project stays. These stays must be corrected in order to reflect appropriate LOT counts.
- 2) **Show only ES SH LOT Counts:** This allows the user to limit data to ES and SH counts, Row 1 of Tab A
- 3) **Show only ES SH TH LOT Counts:** Allows the user to limit data to ES SH TH counts, Row 2 of Tab A
- 4) **Select Project Type:** This allows the user to filter to a particular project type

NOTE: Input controls must be applied to see appropriate counts (and to view overlap clients).

5. ALERTERS:

5.1 Tab B – Detail

The detail tab has several Alerters to assist users with understanding data in the report.

Strike Through (Figure 5.1.a)

A date in the “Start Date” column with a strike through in it is an indicator to the user that the transaction is prior to the adjusted cutoff date and is not used in the report to calculate dates of homelessness.

Grey Date (Figure 5.1.a)

A grey date in the “Start Date” column is an indicator to the user that the start date is adjusted for that client due to the RRH Move in Date. Days in Permanent Housing in RRH are not part of the calculation for dates of homelessness.

Length of Time Persons Remain Homeless, Metric 1										
Detail										
Report Dates: 1/1/2015 - 12/31/2015										
Client Uid	Unique Id 19,916	Trans Type	Provider	Proj Type	Date Move In	Start Date	End Date	Tran LOT	Adjusted Cutoff	
612511	aauc46	Entry/Exit	GblnO Mcdht Hjt - Acyes dm Rphm(7576)	ES		2/4/2015	6/19/2015	135	1/1/15	
612511		Entry/Exit	QdGIQ Rdxvl Luq - Jiegx mk Orqy Oovxr Sv-ivccntf Lpqvlhf(9135)	RRH	6/27/2015	3/25/2015		188	1/1/15	
90448	aaaj52	Entry/Exit	YNUY be Pmndxvr Cmchz-xkktogh DPU Eqxdesc(8471)	PSH		9/16/2014		365	1/1/15	
625178	aawj52	Entry/Exit	Wey Gybvchzck Nyhm ku Hp. likf Gppoxh - Ldgsc Godgv Fajewvpsd Ebmodrv(7407)	ES		8/6/2015	8/14/2015	8	1/1/15	
625178		Entry/Exit	Wey Gybvchzck Nyhm ku Hp. likf Gppoxh - Ldgsc Godgv Fajewvpsd Ebmodrv(7407)	ES		11/18/2015	11/30/2015	12	1/1/15	

Figure 5.1.a

Red overlap (Figure 5.1.b)

Overlapping Project Entry dates are reflected in red type. These are multiple project entries for the same client where Start/End dates overlap. If the IC for No-Overlap is selected, the clients shown DO count in the report and the overlap is displayed for Data Cleaning purposes. **In the IC for Overlap is selected, the clients shown DO NOT count in the report and the Data Entry must be corrected for the LOT to calculate correctly. RRH overlaps are not included in the “required fixes” but may appear on this tab if the client also has an RRH entry in the time frame selected.**

Length of Time Persons Remain Homeless, Metric 1										
Detail										
Report Dates: 1/1/2016 - 12/31/2016										
Client Uid	Unique Id 191	Trans Type	Provider	Proj Type	Date Move In	Start Date	End Date	Tran LOT	Adjusted Cutoff	
448106	kjGr30	Entry/Exit	1 King Penguin PT:PSH TA1:SMF TA2:VET Othr:VASH(9079)	PSH		1/1/2012		365	1/2/16	
448106		Entry/Exit	1 King Penguin PT:PSH TA1:SMF TA2:VET Othr:VASH(9079)	PSH		1/1/2012		365	1/2/16	

Figure 5.1.b

6. TECHNICAL INFORMATION:

6.1 How the data are pulled:

This report utilizes four separate queries – two in resourcepoint_universe, one in client_universe and one in cutoff_universe.

The first query, Provider EE, pulls providers in the following ways:

- Providers in the “Select Provider(s)” prompt
 - Providers with a new CoC Code as selected in the “Selected CoC Code(s)” prompt.
- AND
- Provider Program Type Code is either Safe Haven, Transitional Housing, PH – Permanent Supportive Housing, PH – Housing Only, PH – Housing with Services (no disability required for entry or PH – Rapid Re-Housing
- OR
- Provide Program Type Code is Emergency Shelter with Method for Tracking Residential Program Occupancy equal to “Entry Exit”.

The second query, Provider Shelter NbN, pulls in providers in the following way:

- Providers in the “Select Provider(s)” prompt
 - Providers with a new CoC Code as selected in the “Selected CoC Code(s)” prompt.
- AND
- Provide Program Type Code is Emergency Shelter with Method for Tracking Residential Program Occupancy equal to “Night-by-Night”.

The third query, BISData, is a combined query where the first portion pulls Entry Exits and the second portion pulls service data in the following ways:

- Entry Exit data where the Client is active, the Entry Exit is active, and the Start Date for the entry overlaps the goal posts or the prior year goal posts for providers in list with those from Provider EE
- OR
- Providers that are listed in the Provider Shelter NbN where clients do not have a shelter stay during the time period and where Client is Active, and Entry Exit is active
- OR
- Providers that are listed in the Provider Shelter NbN where clients do have a shelter stay or service transactions as described below:
 - Pulls service transactions for Clients with provider in list with Provider Shelter NbN where the Client is active and there is an active service, current or prior year AND either Service Shelter = Yes OR one of the listed service codes.

The fourth query, Move In Date, pulls “Move in Date” only from cutoff_universe for transactions listed in the BISdata query where the program type code is RRH AND move in date overlaps the Entry Exit.

6.2 Technical Notes:

- a) This report may result in a long run time. Scheduling is recommended.
- b) Each report tab is filtered to only include “valid clients”. This includes any client with a transaction from Project Type ES, SH, TH, PH-H, PSH, or PH-RRH that is included in the report period.
- c) Adjusted cutoff date: the cutoff date for measuring length of homelessness is not built in, so this variable accounts for it. It is the cutoff date for counting the homeless transactions. This is one year prior to the client’s exit date for the valid transaction or the Start Date of the date range selected.
- d) Entry Adj: for each transaction it uses the transaction start date where it falls after the “Adjusted cutoff date”, else it uses the “Adjusted cutoff date”
- e) Exit Adj: for each transaction it uses the transaction end date where it falls before the report end date, else it is the report end date and stops the count of days in LOT.
- f) Valid Entry Date: looks at each transaction to determine if “Exit Adj” is greater than the “Adjusted cutoff date”. If project type is not RRH it looks to see if “Entry Adj” is greater than or equal to the “Adjusted cutoff date”.
 - If project type is RRH and there is a valid Move in Date then the Move in Date is used as the Entry Date. This allows the time in other valid project types to be counted as homeless up until the client moves into RRH (Permanent Housing)
 - If there is no Move in Date then “Entry Adj” is used. If Move in Date is prior to “Adjusted Cutoff” date the “Adjusted Cutoff” date is used.
- g) LOT is measured by the sum of days between the Valid Entry Dates and the Exit Adj. Date.
 - LOT for clients enrolled in Emergency Shelters with Night-by-Night selected for Method for Tracking Emergency Shelter Utilization is calculated by counting only actual nights in shelter.
- h) Tab A excludes clients with an overlap in their transaction after the “adjusted cutoff date”. LOT is measured only for ES, SH and TH clients. Other project type data is used to determine whether overlaps in project enrollments exits to resolve data quality issues.
- i) Negative numbers may appear on Tab B LOTH where a RRH Client with a Move in Date that overlaps an ES, TH or SH Entry. The negative number is subtracted from the ES, SH or TH LOTH to arrive at the actual LOTH for the client.
- j) ES to ES overlaps are included in the client’s LOTH – one night of ES is counted per day, regardless of the number of overlaps.
- k) A PH Entry that overlaps an ES, SH or TH Exit date shortens the LOTH for the applicable stay. The PH Data Entry is presumed to be more accurate than the ES, SH or TH Data Entry.
- l) Average count on Tab A is based on the sum of applicable LOT in client divided by total clients; it is not divided by total transactions.
- m) Median count on Tab A is based on the sum of applicable LOT in client, not individual transactions.
- n) Per HUD specifications, Prior Year is optional and is not included in this report.

6.3 Modification options:

This report is based on HUD established System Performance Measures reporting specifications provided to HMIS Software Solutions Providers. Modification is not recommended.

7. 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
Provider EE resourcepoint_u	Result Objects:	Provider	Provider folder
		CoC Code	Provider / HUD Standards Information / CoC Code folder
		HUD Standards Information Method for Tracking Residential Program Occupancy	Provider / HUD Standards Information
		HUD Standards Information Program Type Code	Provider / HUD Standards Information folder
Provider Shelter NbN Resourcepoint_u	Result Objects:	Provider	Provider folder
		CoC Code	Provider / HUD Standards Information / CoC Code Folder
		HUD Standards Information Method for Tracking Residential Program Occupancy	Provider / HUD Standards Information folder
		HUD Standards Information Program Type Code	Provider / HUD Standards Information folder
BISData Client_u	Result Objects:	Client Uid	Clients folder
		Client Unique Id	Clients folder
		Entry Exit Uid	Clients / Entry Exit (Outer) folder
		Entry Exit Provider Id	Clients / Entry Exit (Outer) folder
		Entry Exit Entry Date	Clients / Entry Exit (Outer) folder
		Entry Exit Type	Clients / Entry Exit (Outer) folder
		Entry Exit Provider Program Type Code	Clients / Entry Exit (Outer) folder
		Service Uid	Clients / Services (Outer) folder
		Service Provide Provider	Clients / Services (Outer) folder
		Service Provide Start Date	Clients / Services (Outer) folder
		Service Provide End Date	Clients / Services (Outer) folder
		Service Shelter Item	Clients / Services (Outer) folder
	Service Provide Provider Program Type Code	Clients / Services (Outer) folder	
	Filter Objects:	Client Inactive	Clients folder
		Entry Exit Inactive	Clients / Entry Exit (Outer) folder
		Service Inactive	Clients folder
Service Code		Clients / Services (Outer) folder	
Move In Date eecutoff_u	Result Objects:	Client Unique Id	Entry Exit / Entry Objects folder
		Entry Exit Client Id	Entry Exit / Entry Objects folder
		Entry Exit Uid	Entry Exit / Entry Objects folder
		If yes, Date of Move In	Entry Exit / Exit Objects folder
	Filter Objects:	Entry Exit Provider Program Type Code	Entry Exit folder
		Entry Exit Exit Date	Entry Exit folder
		Entry Exit Inactive	Entry Exit folder

8. REVISION HISTORY:

Version	Description of Changes
V1	Original version –BETA
V2	Revisions: Corrected variable to exclude ES NbN clients where Shelter and EE were counting as overlap; adjusted query to exclude days where RRH appears with a Move in date that overlaps ES, SH or TH; changed query to reduce number of objects to improve run time; change query to include Number of Days prior to Report Start (results in higher averages) as per report specifications; clarified information on use of Input Controls for Detail tab.
V3	Revision: ES to ES Overlaps counted as 1 night of ES per day; PH Entries that overlap ES, SH or TH Exits reduce the LOTH for those clients; wording added to manual that Prior Year is not included in this report.
V4	Revision: Adjustment to Valid Clients variable for Tab A to pull in clients from ES, TH and SH with Bed night/Lodging stay in Current Year.