

Global Visibility Data Accuracy and Audit Tools

January 27, 2026



Agenda

- Why Data Accuracy Matters
- What is “undesirable data”
- Audit Tools
- Live Review
- Resources
- QA



Why Data Accuracy Matters

With Global Visibility, any data you enter on or after the rollout for unlocked clients becomes part of a shared record that other agencies can see and use. That means accuracy is more than “filled out assessment”, it’s the right answer, saved in the right place, under the right provider/enrollment, so you don’t overwrite another agency’s work. Because some assessment fields can pre-populate from the most recent visible data, always verify with the client and save corrections in the correct assessment for the correct enrollment. Remember: pre-rollout data keeps its original visibility, so the updates you make now shape what others will rely on going forward.

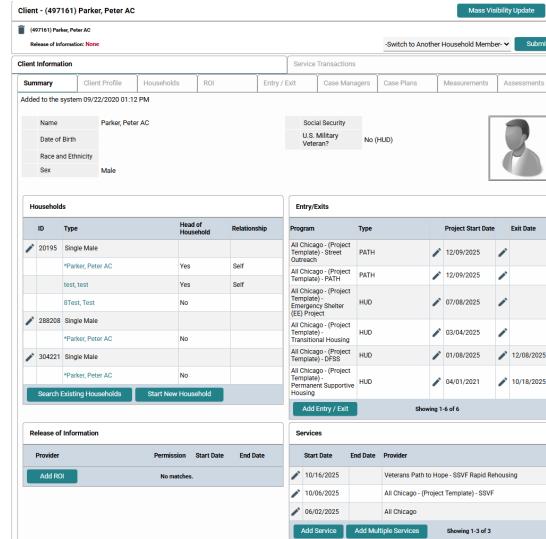
- Enter data promptly (entry within 2 days; assessment timeframes by project type) so everyone is working from current, reliable information.
- Small mistakes ripple quickly in a shared system. Catching them early helps prevent overlaps and skewed utilization and reduces data-quality issues later.



Why Data Accuracy Matters

Focus on these high-impact areas every time you touch a record, and you'll avoid most downstream issues in funder reporting and quarterly Data Quality.

- Enrollment timeline & household setup:** Create/confirm the correct household before you enroll; don't delete or strip members from historical households. Create a new one if the composition changed. Enter updates (entry, interim/update, exit) in the right place so the timeline tells a coherent story.
- Assessments:** Complete required UDE/PDE fields in the correct assessment for the enrollment, and treat any prefill data as a starting point; verify with the client, then save corrections in the right assessment.
- Dates:** Use real dates and keep them aligned. No exit before entry, and for PH/PSH/RRH document Housing Move-in Date (HMID) once the lease/keys/first night criteria are met.



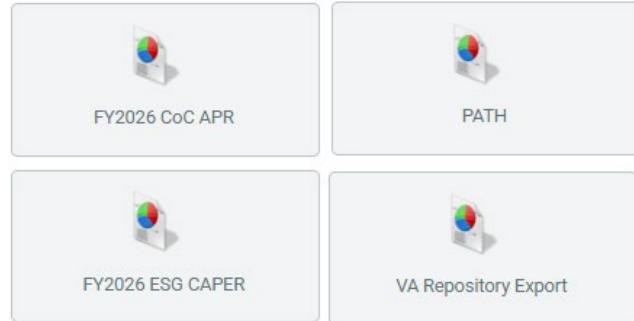
The screenshot shows a client record for Parker, Peter AC. The 'Client Information' tab is active, displaying basic details: Name (Parker, Peter AC), Date of Birth, Race and Ethnicity, and Sex (Male). The 'Households' tab shows a list of households, including one for Parker, Peter AC and another for 'test, test'. The 'Entry/Exits' tab lists various entries and exits for different programs, such as PATH and HUD, with dates ranging from 12/09/2025 to 07/08/2025. The 'Services' tab shows a list of services with dates from 10/16/2025 to 06/02/2025. Buttons for 'Add Household', 'Add Entry / Exit', and 'Add Service' are visible at the bottom.



Where Inaccurate Data Shows Up

In a shared system, small errors surface fast in places people rely on every day. You'll notice issues first in funder submissions, quarterly data-quality reviews, and utilization/point-in-time views. Usually as validation errors, odd occupancy rates, or numbers that don't match what staff see on the ground. Fixes almost always trace back to enrollment timelines, required fields, or assessment issues.

- Funder reporting (APR, CAPER, and DFSS Quarterly/Performance)
- Utilization and Point in Time and Housing Inventory Counts
- System-level reporting (LSA or CoC Dashboards)



What is Undesirable Data?

In HMIS, “undesirable data” is anything that weakens accuracy, completeness, timeliness, consistency, privacy, or compliance. Because we’re working in a shared system, address issues at their origin. Coordinate with the provider that entered the value and when a change applies to your enrollment, enter the verified answer in your assessment to replace any prefilled history.

Think missing required fields, placeholders or impossible dates, logic conflicts, duplicates /overlaps, or updates saved under the wrong enrollment/point in time.



What is Undesirable Data?

- Missing required fields at entry (DOB, SSN + SSN data-quality, Race/Ethnicity, Prior Living Situation, Exit Destination, Income/Disability sub-assessments).
 - collect what's missing and complete the correct entry/exit or update assessment. **Use Refused/Doesn't Know only when truly applicable.**
- Placeholder or invalid values ("Sample" names, 999-SSNs, future exit dates).
 - verify identity and correct the profile/assessment. If duplicates were created, submit an ATA Client Merge Request after reconciling any open enrollments.
- Logic conflicts (e.g., Disabling Condition = "No" while a disability sub-assessment = "Yes"; Veteran Status = "Yes" for a minor).
- Overlapping enrollments / bad timelines (e.g., RRH overlaps PSH).
 - coordinate dates with the other provider, then adjust entry/exit (and HMID for PH) so timelines don't overlap.
- Missing Housing Move-in Date (PH/PSH/RRH) leading to undercounts in utilization or outcomes.
 - add an Interim Review then add Update: Housing Move-in Date using the actual move-in date (lease, keys, first night).



Audit Report - When to Use It

Use the Audit Report when something looks off and you need the change trail before you touch the record. It shows who changed what, when, and under which provider context (including EDA) so you can confirm ownership, understand the exact edit, and decide whether to coordinate with another agency or correct the value in your enrollment's assessment. It's the quickest way to answer "what happened to this field?" without guessing.

Run it when you notice:

- Entry/Exit dates that shifted, overlaps that suddenly appear, or an HMID that went missing/changed
- Assessment answers that don't match what staff collected (income, benefits, disability, housing status)
- Profile values updates that you didn't make
- Household composition changes that broke an enrollment link



Audit Report – Objects Included

- Client (profile & identifiers)
- Client Visibility (lock/unlock)
- Releases of Information (ROI)
- Entry/Exit (enrollments)
- Assessments (incl. sub-assessments, questions & history)
- Households & Household Relationships
- Services
- Referrals

Report Options

Provider	All Chicago (1)	Search My Provider Clear
Including Subordinates	<input checked="" type="checkbox"/>	Search My User Clear
User	Please choose a user.	
Objects	Select	
Entity	Peter AC Parker (497161)	
Start Date	01 / 27 / 2026	Search Clear
End Date	01 / 27 / 2026	Search Clear
Action	-Select-	

Audit Report

Date	Entity	ID#	Action	Target	By User	By Provider
01/27/2026 (6:35 AM)	Clients	Peter AC Parker (497161)	Read	Assessments: COVID-19: High Risk Indicator (344)	Alexander Fuller (5777)	All Chicago (1)
01/27/2026 (6:35 AM)	Clients	Peter AC Parker (497161)	Read	Questions: Is the client/household considered high-risk? (4287)	Alexander Fuller (5777)	All Chicago (1)
01/27/2026 (6:35 AM)	Clients	Peter AC Parker (497161)	Read	Questions: Blank Line (0)	Alexander Fuller (5777)	All Chicago (1)
01/27/2026 (6:35 AM)	Clients	Peter AC Parker (497161)	Read	Questions: Further Details: https://www.cdc.gov/coronavirus/2019-ncov/need-extra-precautions/people-with-medical-conditions.html (4286)	Alexander Fuller (5777)	All Chicago (1)
01/27/2026 (6:35 AM)	Clients	Peter AC Parker (497161)	Read	Questions: - Children aged 1 year or younger (4285)	Alexander Fuller (5777)	All Chicago (1)
01/27/2026 (6:35 AM)	Clients	Peter AC Parker (497161)	Read	Questions: - Anyone who is pregnant (4284)	Alexander Fuller (5777)	All Chicago (1)
01/27/2026 (6:35 AM)	Clients	Peter AC Parker (497161)	Read	Questions: - Anyone over the age of 60 (4282)	Alexander Fuller (5777)	All Chicago (1)
01/27/2026 (6:35 AM)	Clients	Peter AC Parker (497161)	Read	Questions: Households are considered high-risk for COVID-19 in line with the CDC's guidelines. This includes: (4281)	Alexander Fuller (5777)	All Chicago (1)
01/27/2026 (6:35 AM)			Read	Clients: Peter AC Parker (497161)	Alexander Fuller (5777)	All Chicago (1)
01/27/2026 (6:35 AM)			Read	Clients: Peter AC Parker (497161)	Alexander Fuller (5777)	All Chicago (1)

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EVA - When to Use It

EVA is a HUD/ABT data quality and system performance tool that runs outside of HMIS. Generate a hashed HMIS CSV export from HMIS, upload the zipped file to EVA, and the tool will check your data against the current HUD Data Standards across the selected projects and time period. EVA returns a Full Data Quality Report (Excel) with a Guidance tab that explains each flag and how to correct it in HMIS; you can also view results at the system or organization level. EVA site does not store your client-level data (only limited upload metadata) so you can safely use it to produce a clear, fixable list of issues and work on them in HMIS.

Good moments to run EVA

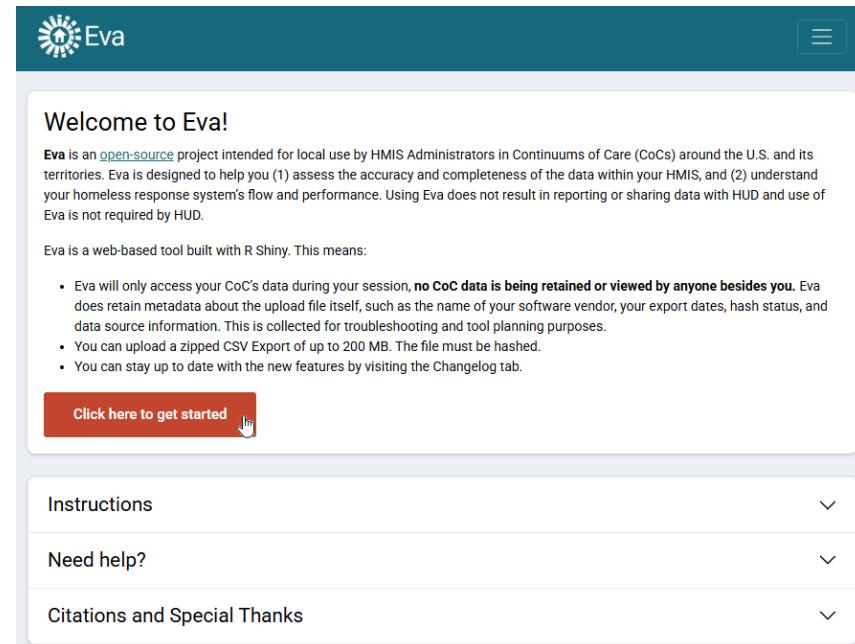
- A month before APR/CAPER/DFSS deadlines (and again after fixes)
- At the start of each DQ process
- After staffing/process changes that might affect data entry
- When the utilization or emailed SQL reports don't match what staff expect



EVA - Examples of Flags

EVA highlights missing, conflicting, or invalid data so you can fix it in HMIS. Use the Guidance tab in the Excel output to see what the flag means and where to correct it.

- **Point-in-time gaps** — required elements missing at entry or exit (e.g., Prior Living Situation or Exit Destination not present where expected).
- **Date integrity errors** — sequences that can't happen (Exit before Entry, DOB after Project Start) or effective dates that don't match the event.
- **PH move-in alignment** — Housing Move-in Date absent or outside the enrollment window for PSH/RRH; indicates a placement wasn't captured.
- **Household structure conflicts** — more than one Head of Household, unlinked members for a family enrollment, or relationship mismatches.



Welcome to Eva!

Eva is an [open-source](#) project intended for local use by HMIS Administrators in Continuums of Care (CoCs) around the U.S. and its territories. Eva is designed to help you (1) assess the accuracy and completeness of the data within your HMIS, and (2) understand your homeless response system's flow and performance. Using Eva does not result in reporting or sharing data with HUD and use of Eva is not required by HUD.

Eva is a web-based tool built with R Shiny. This means:

- Eva will only access your CoC's data during your session, **no CoC data is being retained or viewed by anyone besides you**. Eva does retain metadata about the upload file itself, such as the name of your software vendor, your export dates, hash status, and data source information. This is collected for troubleshooting and tool planning purposes.
- You can upload a zipped CSV Export of up to 200 MB. The file must be hashed.
- You can stay up to date with the new features by visiting the Changelog tab.

[Click here to get started](#)

Instructions

Need help?

Citations and Special Thanks

Audit Report Live Review



Resources – Helpdesk Links

- HMIS Global Visibility Announcement
 - <https://hmis.allchicago.org/hc/en-us/articles/34297099086484-HMIS-Global-Visibility-Announcement>
- Guidelines for Identifying, Preventing, and Fixing Undesirable Data
 - <https://hmis.allchicago.org/hc/en-us/articles/44136294166164>
- Audit Report
 - <https://hmis.allchicago.org/hc/en-us/articles/360033279152>



Resources – Helpdesk Links

- Understanding Enrollments or Entry/Exits
 - <https://hmis.allchicago.org/hc/en-us/articles/34795425153812>
- Understanding Assessment Data
 - <https://hmis.allchicago.org/hc/en-us/articles/44136294166164>
- EVA Report
 - <https://hmis.allchicago.org/hc/en-us/articles/23278345944212>



Q & A



Thank you

