



Data Outliers Dashboard

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Presenters

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Background

- CCEH has been working over the past year to improve the way we look at data on an ongoing basis.
- Built upon the SPM clean up effort.
- Data Outliers Report targets review of key data elements.
- Data Outliers Dashboard is based on DO Report.



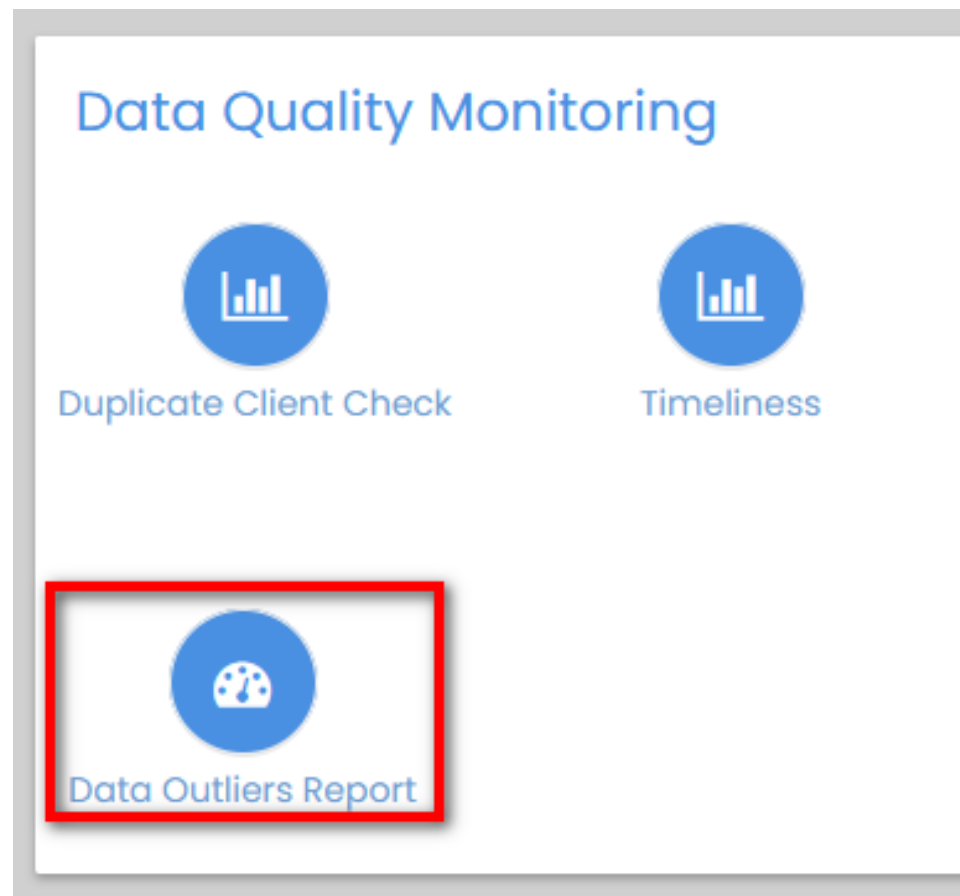
Data Outliers Report

Data Outliers Report

- Run for your organization's programs.
- Provides information per client per program on outliers in key data elements in CT HMIS.
- Many of the data elements have an impact on System Performance Measures and the report seeks to highlight elements that are missing data, have outliers in the data, or have data quality issues that programs should review for accuracy and update as needed.
 - Outliers include long lengths of stay, missing move in dates, among other data elements and may not be incorrect but which may not be the norm that programs should review and update if needed.
- [Release Notes](#)


Data Outliers Report

Admin Tab > Reporting > Compliance Reports > Data Quality Monitoring (Section) > Data Outliers Report



Data Outliers Report

Save Report Parameters

 Select report criteria.

Start Date

End Date

Organizations

Program Type(s) All None Some

Project(s) All None Some

Outlier List All Some



Data Outliers Dashboard

Data Outliers Dashboard

- The Data Outliers Report is the data source for the dashboard.
- The purpose of the report and dashboard together is to provide information to users, programs, and leadership on the status of various data elements in CT HMIS with the end goal of ensuring continuous review of CT HMIS data and prompting updates as needed.
- The dashboard will provide a snapshot on a quarterly basis to executive and program leadership.
- The report will allow users to pinpoint various outliers at the client level and guide updates as needed.

Data Elements

- Program LOS
- Exit Destination
- Approximate Date Homelessness Started
- Housing Move In Date
- Income and Assessments
- Demographic Information

Data Elements – Program LOS

- Benchmarks set for 150% of the median LOS for SO, ES, TH, and RRH.
- PSH is not included as longer LOS are encouraged.
- If an enrollment is open for longer than the benchmark it will be flagged as an outlier.
- The purpose is to prompt review of open enrollments to ensure exits are happening in a timely manner.

Data Elements – Exit Destination

- Clients who have “Data Not Collected”, “Client Doesn’t Know”, or “Client Refused” as exit destination values are flagged as outliers since HUD considers them missing data.
- The purpose is to prompt review of exit destinations and ensure available data is entered.
 - Without this information we cannot accurately count the people successfully housed or those returning to the system after being placed in Permanent Housing, which impacts SPMs.

Data Elements – Approx. Date Homeless

- Clients who are missing Approximate Date Homelessness Started and Clients who have a homelessness start date prior to 2018 are flagged as outliers.
- The purpose is to ensure available data is entered or prompt review of older dates homelessness started that may not be part of the current episode of homelessness.
 - This is important as incorrect dates can inflate the CoC-wide Length of Time Homeless which impacts SPMs.

Data Elements – Move In Date

- Applicable to RRH & PSH programs.
- Clients without a housing move in date are flagged as outliers.
- Purpose is to ensure exited clients have a housing move in date if available.
 - This is important as the “clock” on LOTH does not stop until a move in date is entered.

Data Elements – Income and Assessments

- Flags outliers when income information is missing at entry or exit or if:
 - Income from any source = Yes and income value is 0 or null.
 - Income from any source = No and income value is greater than 0.
- Count of number of annual assessments that are missing.
- Income and assessments elements are important for both program outcomes and SPMs as both rely on increase in income as a measure of success.

Data Elements - Demographics

- Outliers flagged if data is missing for:
 - DOB
 - SSN
 - Race
 - Ethnicity
 - Name

Resources: cceh.org/data-quality/



SPM/APR Clean Up Guides

Guides for correcting HMIS data issues for Length of Stay, Date Homelessness Started, and Move-in Date.

- [Date Homelessness Started Clean Up Guide](#)
- [Emergency Shelter Length of Stay Clean Up Guide](#)
- [PSH RRH Move in Date Clean Up Guide](#)
- [TH SH Length of Stay Clean Up Guide](#)
- [Missing Exit Destination Clean Up Guide](#)

Data Quality Management Plan and Resource Guide

[2021 Data Quality Management Plan](#)

The CT HMIS Data Quality Management Plan provides information on the importance of data quality, roles and responsibilities of supporting partners, and data quality standards.

[Data Quality Management Plan Resource Guide](#)

The Data Quality Management Plan Resource Guide is a comprehensive guide with links to general HMIS data entry guidance as well as resources for correcting common data quality issues.

Data Outliers Dashboard and Data Review

- CCEH runs the DO Report monthly and posts it to drop box – link sent to HDCs.
 - Report will be a baseline, a place for agencies to start review, and will not be updated.
 - Programs can use the report to direct data clean up as needed before the dashboard is published.
 - Any user can run the report at any time to see real time data/updates.
 - CCEH will rerun the report to account for any updates before publishing the dashboard the first week of the month following the close of the quarter, ex:
 - April – June dashboard will be published the first week of August
 - July – September dashboard will be published first week of November

Data Outliers Dashboard and HDCs

- The dashboard will be password protected and access information will be provided to HDCs to share within their organizations.
 - The audience for the dashboard is staff of CT HMIS Participating Agencies, not the general public.
 - HDCs should review the dashboards with their programs to prompt discussion and review of CT HMIS data.



Data Outliers Dashboard Preview

Questions?

Contact Info:

Email the Data Team!

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