

Arizona HMIS Warehouse Reporting Guide

User-facing crosswalk of common HMIS reporting needs to DWEL reports and tools

Program Area	I Need To...	Recommended DWEL Report / Tool	What It Provides
Data Quality	Find open entries that should have been closed and identify duplicate client enrollments	Process Duplicates	Can identify possible duplicate records and supports manual merges, but current controls produce a very large review set and there is no project-level filter.
Data Quality	Review completeness of PDE, UDE, and Exit Destination data	HMIS Data Quality Tool	Provides completion rates for UDEs, PDEs, and Exit Destination
Data Quality	Review timeliness of data entry	HMIS Data Quality Tool	Use the HMIS Data Quality Tool to review timeliness.
Data Quality	Review Head of Household errors	HMIS Data Quality Tool	Use the HMIS Data Quality Tool and to to the Households section
Program Performance	See the number of clients served by a program	Active Client Details	Allows filtering by dates, CoC, Project Type, Project, and many demographic filters.
Program Performance	Review exits to permanent housing	HMIS Data Quality Tool or HUD APR	
Program Performance	Analyze clients who are hardest to serve and client characteristics	Analysis Tool	Allows cross-cutting client data by 27 category types.
Program Performance	Review client length of stay	Currently Enrolled Clients with Length of Stay	A DWEL report is available for currently enrolled clients with length of stay.
Emergency Shelter	Compare bed and unit inventory with clients entered on a night as well as review bed-utilization for a program	Bed Utilization	Validate inventory counts, available bed/unit nights, and used bed/unit nights.
Street Outreach	Review details of all client contacts and living situation	Client Activity Report / Client Contact Locations	
Operational	Review an overview of ES Performance and data exploration	Emergency Shelter Dashboard	Clients enrolled, entering and exiting during a reporting period. Many more metrics including exit outcomes.
Operational	Review an overview of RRH Performance and data exploration	Rapid Rehousing Dashboard	Clients enrolled, entering and exiting during a reporting period. Many more metrics including exit outcomes.
Operational	Review an overview of TH Performance and data exploration	Transitional Housing Dashboard	Clients enrolled, entering and exiting during a reporting period. Many more metrics including exit outcomes.

Legacy HMIS → OP Warehouse Reports Crosswalk

Use this tab when staff know the legacy HMIS report name and need the OP warehouse equivalent.

Program Area	Reporting Need	Legacy HMIS Report(s)	DWEL Replacement
Data Quality	Find open entries that should have been closed and identify duplicate client enrollments	Super DQ Multiple Open Entries Report	Process Duplicates
Data Quality	Review completeness of PDE, UDE, and Exit Destination data	0252 Data Completeness Report	HMIS Data Quality Tool
Data Quality	Review timeliness of data entry	FY2024 CoC APR Report	HMIS Data Quality Tool
Data Quality	Verify the correct EDA is being used	Audit Report	N/A
Data Quality	Review Head of Household errors	Head of Household Errors	HMIS Data Quality Tool
Program Performance	See the number of clients served by a program	FY2024 CoC APR Report	Active Client Details
Program Performance	Review exits to permanent housing	FY2024 CoC APR Report / 0550 Exit Destination Outcomes Report	HMIS Data Quality Tool
Program Performance	Review program exits with improved income	FY2024 CoC APR / Income Improvement Report / PS_Income Change Report	HMIS Data Quality Tool
Program Performance	Analyze clients who are hardest to serve and client characteristics	UDE Demographics Report – General Use	Analysis Tool
Program Performance	Assess racial equity within a program	Racial Equity Toolkit Report	Warehouse Reports have filters and charts that allow for demographic breakdown and comparison and allow for analysis and program evaluation activities to take place.
Program Performance	Review client length of stay	Bed Night Utilization Report / PS_Length of Stay Report	Currently Enrolled Clients with Length of Stay
Emergency Shelter	Compare bed and unit inventory with clients entered on a night	Bed Night Utilization Report	Bed Utilization
Emergency Shelter	Review bed utilization for a program	Bed Night Utilization Report	Bed Utilization
RRH / PSH	Validate move-in dates	0550 Exit Destination Outcomes Report	HMIS Data Quality Tool
RRH / PSH	Identify annual updates to PDEs and UDEs	Annual Assessment Audit	HMIS Data Quality Tool
Street Outreach	Review details of all client contacts	SO – All Contacts Report / SO DQ Report v2	Client Activity Report / Client Contact Locations

Available Open Path Warehouse Reports				
Report Category	Report Name	Format	What Does This Report Do?	Key Filters / Prompts
Census	Nightly Census	Only Client Detail	Daily utilization charts for projects and residential project types	Required: Start Date, End Date, CoC Code
Data Quality	Bed Utilization	Excel/PDF	Bed utilization within the programs of an organization.	Start Date, End Date, Project, Organizations, Project Groups
Data Quality	Client Anomalies	Not specified	Reported anomalies and their status.	None
Data Quality	Clients with Conflicting Reported Attributes	Not specified	Identify clients whose source record attributes differ between data sources.	Not documented
Data Quality	Clients with future enrollments	Not specified	List any clients who have enrollments in the future.	None
Data Quality	Clients with Single Day Enrollments with Services	Not specified	Clients who received services for one-day enrollments in housing related projects.	Not documented
Data Quality	Currently enrolled clients with length of stay	Excel	The length of stay per program of currently enrolled clients aggregated by time interval.	Date Range, Organization
Data Quality	Date Homelessness Started	Excel	View differences between the client's self-reported date homelessness started (DateToStreetESSH) and the enrollment entry date.	CoC Codes, Project Types, Projects, Project Groups, Start Date, End Date, Dates to Compare(Date Homelessness Started to Entry, Date Homelessness Started to Exit, Entry to Exit) Days Difference (<0, 0-30, 31-90, 91-180, 181+)
Data Quality	HMIS Data Quality Tool	Excel/PDF	A tool to track data quality across HMIS data used in HUD reports.	Required: Start Date, End Date, CoC Code
Data Quality	Long Standing Clients	None	List clients who have been enrolled in an emergency shelter for a given number of years.	Years Ago(3 to 15)
Data Quality	Missing Projects	None	Shows Project IDs for enrollment records where the project isn't in the source data.	None
Data Quality	Missing values in HUD tables	Excel	Find the frequency of missing values in HUD Client and Enrollment tables.	Data Source Dropdown(All, Data Source, Organization, Project) Columns Dropdown(Includes all Enrollment and Client CSV fields)
Data Quality	Project Pass Fail	PDF	Investigate data quality issues for projects	Start Date, End Date, Project Types, CoCs, Data Sources, Organizations, Projects, Project Groups
Data Quality	Really Old Enrollments	None	List clients who have enrollments prior to 1980.	Date
Exports	Ad-Hoc Analysis Export (De-identified)	Direct Display	Export data for offline analysis, client names and ids removed	Start Date, End Date, Age greater than, Age less than, Sub-population(Household Types and Veteran Status)
Exports	HMIS Cross-walk	Excel	Export lookup tables for warehouse record ids to HMIS ids.	Start Date, End Date, Project Types, CoCs, Data Sources, Organizations, Projects, Project Groups
Exports	HUD HMIS CSV Exports	Excel (Zip)	Export data in the HUD standard CSV format.	Start Date, End Date, Project Types, CoCs, Data Sources, Organizations, Projects, Project Groups
Exports	HUD HMIS CSV Exports (Hashed Only)	Excel (Zip)	Export data in the HUD HMIS exchange format with PII hashed	Start Date, End Date, Project Types, CoCs, Data Sources, Organizations, Projects, Project Groups
Exports	Offline Research Export	Excel	Download enrollment data for offline research.	Start Date, End Date, Project Types, CoCs, Data Sources, Organizations, Projects, Project Groups
Exports	Project Utilization by Month	Excel	Includes monthly breakdowns of enrollment and inventory counts by project, and CoC. Additionally, summary demographic data for report range	Start Date, End Date, Project Types, CoCs, Data Sources, Organizations, Projects, Project Groups - limits available: Household type, Age Range, Gender, Race, Funders
Operational	Active Client Detail	lookup only	Clients with service within a date range.	Search by name, D.O.B. (mm/dd/yyyy), SSN (xxx-yy-zzzz), Warehouse ID, or PersonallID.
Operational	Active Veterans for a given date range	Excel	Find veterans who were homeless during a date range, limitable by project type.	Start Date, End Date, Project Type
Operational	Analysis Tool	Excel	Cross cut client data by known categories	Population by Project type, CE at entry?, Reporting Pperiod, CoC code, Funding Source,
Operational	Attachment III - Client Data Report	Not specified	Attachment III - Client Data Report	Start Date, End Date, Projects, Project Group
Operational	Average Length of Time Homeless for Housed Clients	Not specified	Time spent homeless for clients exiting homeless within a date range.	Not documented
Operational	Bulk Find Client Details by ID	Excel	Lookup clients by warehouse ID. Useful for doing research outside of the warehouse and then reconnecting clients.	Client ID
Operational	Census Tracking Worksheet	Excel	Breakdown of PIT Census data for chosen date	Census Date, Data sources, CoC Code, Organization, Project, Project Group, Race, Gender, Veteran Status
Operational	Client Activity Report	Excel	Identify clients who are enrolled but have not had recent contact with the homeless side of HMIS.	Significant number of prompts to be able to filter
Operational	Client Contact Locations	N/A	A map of the most recent client locations.	Requires System Cohorts to be enabled
Operational	Client Documents Report	Excel	Identify clients who have or are missing files or documents.	Significant number of prompts to be able to filter
Operational	Client Entry Detail	Dashboard	Clients with entries into a project type within a date range.	Start Date, End Date, CoC's, Project Types, Porjects, Organizationss, Project Groups, Sub Population, Age Ranges, Races, Gender
Operational	Client Exit Detail	Dashboard	Clients with entries into a project type within a date range.	Start Date, End Date, CoC's, Project Types, Porjects, Organizationss, Project Groups, Sub Population, Age Ranges, Races, Gender
Operational	Client Incomes	Dashboard	Report client incomes and sources	Start Date, End Date, Projects, Project Groups, Organizations, Data Sources
Operational	Client Outflow	Dashboard	Clients who exited homelessness, or who have no recent homeless service.	Start Date, End Date, No Service After Date, Organizations, Projects, Project Groups, Exits from project types, Sub population age range, veteran status, races, genders
Operational	Clients Housed, Previously on the Chronic List	Excel	See who was housed in permanent housing after being on the chronic list.	Start Date, End Date
Operational	Clients in a project for a given date range	Dashboard	Who was enrolled at a specific project during a given time.	Start Date, End Date, Project
Operational	Core Demographics	Excel	Summary data for client demographics across an arbitrary universe.	Significant number of prompts to be able to filter
Operational	Demographic Summary	Excel	Summary data for client demographics across an arbitrary universe with basic outcome and recidivism sections.	Significant number of prompts to be able to filter
Operational	Destination Breakdowns	Excel	Details of Destination at Exit (3.12.1)	Significant number of prompts to be able to filter
Operational	Disability Summary	Dashboard	Details of client disabilities by CoC	Significant number of prompts to be able to filter
Operational	DV Victim Service Report	Not specified	Clients fleeing domestic violence.	Not documented
Operational	Emergency Shelter Dashboard	Dashboard	Overview of ES performance and data exploration.	CoC, Organization, Project, Project Grups, CoC Codes, Start Date, End Date, Sub-pop, household type, race, gender, age range and veteran status
Operational	Enrolled clients with selected disabilities	Dashboard	Find currently enrolled clients based on disabilities	Start Date, End Date, Disability Type, Project Type, Sub Pop, Age Range
Operational	Enrollments per project type	Dashboard	A list of clients who were enrolled in a set of project types for a given date range.	Start Date, End Date, CoC Limit, Project Types, Projects, Organizations, Project Groups, Sub-Pop, Age Ranges, Races, Genders

Operational	First Time Homeless	Dashboard	Clients who first used residential services within a given date range.	Start Date, End Date, CoC, Project Type, Projects, Organizations, Project Groups, Sub-Pop, Age Range, Race, Gender
Operational	Homelessness Re-Entry	Excel	Details on clients who returned to homelessness after a 60 day break.	Start Date, End Date, CoC, Project Type, Projects, Organizations, Project Groups, Sub-Pop, Age Range, Race, Gender
Operational	HUD Chronic	Dashboard	Clients who meet the HUD definition of Chronically Homeless as outlined in the HMIS Glossary. Calculated using self-report data from entry assessments.	Chronic on date, minimum age, received homeless service after (# of days)
Operational	Income, Non-Cash Benefits, Health Insurance Report	Not specified	Performance indicators and aggregate statistics for income, benefits, and health insurance from HMIS data.	Significant number of prompts to be able to filter
Operational	Open Bed-Night Enrollments with No Recent Service	Excel	Client enrollments that may need to be closed.	No prompts
Operational	Permanent Supportive Housing Dashboard	Dashboard	Overview of PSH performance and data exploration.	CoC; Organization, projects, project groups, start date, end date, sub-population, household type, race, gender, age range, veteran status
Operational	Potentially Chronic Clients	Dashboard	Disabled clients who are currently homeless and have been in a project at least 12 of the last 36 months.	Chronic on date, minimum age, min. days homeless, received homeless service after (number of days before chronic date)
Operational	Details of Prior Living Situation at Entry (3.917)	Not specified	Process Duplicates; Merge identified possible duplicate clients.	Not documented
Operational	Rapid Rehousing Dashboard	Dashboard	Overview of RRH performance and data exploration.	CoC, Organization, Project, Project Groups, CoC Codes, Start Date, End Date, Sub-population, Household Type, Race, Gender, Age Range and Veteran Status
Operational	Recidivism Report	Excel; Dashboard	Clients enrolled in PH who have service in ES or SO after the move-in-date.	Start Date, End Date
Operational	System Performance Measures by Sub-Population	Dashboard	A summary of SPMs 1, 2, and 7 with sub-population and demographic details	Start Date, End Date, CoC, Project, Data Sources, Project Types, Project Groups
Operational	Transitional Housing Dashboard	Dashboard	Overview of TH performance and data exploration.	Data Sources, Organizations, Projects, Project Groups, CoC Code, Start Date, End Date, Sub pop, household type, race, gender, age range, veteran status
Operational	Youth Activity	Dashboard	Review data youth entered within a selected time period.	From Date, To Date, Activity Type, Creation Agency, Creation User
Performance	CoC Performance Measurement Dashboard	Excel	Identify and track performance toward rare, brief, and non-recurring homelessness system-wide	End Date of Period, Comparison Pattern CoC Code, Projects, Data sources, project Types, project groups
Performance	CoC Performance Measurement Goal Configurator	Not specified	Set per-CoC Performance Measurement Goals	This isn't a report - this is a configuration setup
Performance	Launch OP Analytics (Superset)	Not specified	An integration with the Apache Superset business intelligence tool.	Just a launch of OP Analytics
Performance	Longitudinal System Performance Measurement	Excel	Compare quarterly System Performance Measurement Reports for length of time homeless, returns to homelessness, and successful placements.	End Date, CoC, Projects, Data Sources, Project Types, Project Groups,
Performance	Performance Metrics	Not specified	Various high-level metrics for selected universe	Not documented
Performance	Project Scorecard	Not specified	Instrument for evaluating project performance.	Not documented
Performance	Project Type Performance	Dashboard	Performance by project type.	Not documented
Performance	System Pathways	Excel	A tool to look at client pathways through the continuum including some equity analysis.	Start Date, End Date, CoC, Projects, Data Sources, Project Types, Project Groups, Organizations, Funding Sources
Population Dashboards	Adult and Child Households	Dashboard	Clients enrolled in homeless projects (ES, SH, SO, TH) where the household has at least one adult (18+) and one child (less than 18).	Not documented
Population Dashboards	Adult only Households	Dashboard	Clients enrolled in homeless projects (ES, SH, SO, TH) where the household has at least one adult (18+) and no children (less than 18).	Not documented
Population Dashboards	All Clients	Dashboard	Clients enrolled in homeless projects (ES, SH, SO, TH).	Not documented
Population Dashboards	Child only Households	Dashboard	Clients enrolled in homeless projects (ES, SH, SO, TH) where the household has at least one child (less than 18) and no adults (+ 18).	Not documented
Population Dashboards	Non-Veteran	Dashboard	Clients enrolled in homeless projects (ES, SH, SO, TH) where the client is not a veteran.	Not documented
Population Dashboards	Veteran	Dashboard	Veteran clients enrolled in homeless projects (ES, SH, SO, TH).	Project Type, Organization, Project, Project Groups, Start Date, End Date, CoC, Age Range, Race, Gender, DV Status