

RI BHOLD State Reporting Data Element Mapping

Data Element	Req'd Y, N, or S	Capture Location	Table Name	Column Name	Default Value if NULL	Notes
RECNUM	Y	Clients > Profile	dbo.Clients	ClientCode	None	Client Codes in EchoVantage must not exceed the 12-character limit set by BHOLD eventhough the ClientCode column allows 15 characters.
SSN	Y	Clients > Profile > Social Security #	dbo.Clients	SSN	None	This is not a required field in EchoVantage but cannot be unknown for BHOLD reporting. If the SSN is not known, it should be constructed per the Data Dictionary guidance and entered in the Unique State Identifier field on the Clients > Profile screen. If both SSN and Unique State Identifier fields are not populated, the following error is thrown - "Client XXX must have a valid identifier (SSN or Unique State Identifier)"
DOB	Y	Clients > Profile > Birth Date	dbo.Clients	BirthDate	None	
GENDER	Y	Clients > Profile > Gender At Birth	dbo.Clients	GenderAtBirth	FEMALE	This field may only be Male or Female for BHOLD reporting. When running the state report, an Error is reported for any Client that has a value of UN for Undifferentiated.
AMERNAT	Y	Clients > Profile > Race Grid	dbo.ClientRaces	Race	UNKNOWN	If an entered Race matches on one of the specified BHOLD races (Native American, Asian, Black, Hawaiian /Pacific Islander, or White) then YES is reported for the Race(s) that matched and non-matches report NO. If Race is refused or only reported as Other in EV, then UNKNOWN is reported for all five Race data elements.
ASIAN	Y	Clients > Profile > Race Grid	dbo.ClientRaces	Race	UNKNOWN	
HAWPACIF	Y	Clients > Profile > Race Grid	dbo.ClientRaces	Race	UNKNOWN	
BLACK	Y	Clients > Profile > Race Grid	dbo.ClientRaces	Race	UNKNOWN	
WHITE	Y	Clients > Profile > Race Grid	dbo.ClientRaces	Race	UNKNOWN	
HISPANIC	Y	Clients > Profile > Ethnicity Grid	dbo.ClientEthnicities	Ethnicity	UNKNOWN	<ul style="list-style-type: none"> • Hispanic reports as YES. • Not Hispanic reports as NO. • Blank reports as UNKNOWN
VETSTAT	Y	Clients > Profile > Veteran Status	dbo.Clients	VeteranStatus	UNKNOWN	<p>Veteran Status is a Defined List and may be populated with the BHOLD Valid Codes for selection on the Client's Profile tab. If the VETSTAT codes are not used, the default values report as follows:</p> <ul style="list-style-type: none"> • NG, YVA, and YVG = ACTIVE • Yes = VETERAN • No = NOSERVICE • UNK = UNKNOWN

RI BHOLD State Reporting Data Element Mapping

Data Element	Req'd Y, N, or S	Capture Location	Table Name	Column Name	Default Value if NULL	Notes
MARSTAT	Y	Clients > Profile > Marital Status	dbo.Clients	MaritalStatus	UNKNOWN	Marital Status is a Defined List and may be populated with the BHOLD Valid Codes for selection on the Client's Profile tab. Note that there is no equivalent for COHABIT in EchoVantage, this should be added to the Defined List. If the MARSTAT codes are not used, the default values report as follows: <ul style="list-style-type: none"> • Never Married = NEVERMARR • Married = NOWMARR • NO equivalent for COHABIT in EV **Add to Defined List in Configuration > Setup > Defined Lists > Marital Status • Separated = SEPARATED • Divorced = DIVORCED • Widowed = WIDOWED • Unknown = UNKNOWN
EDUCATION	Y	Clients > Timeline > RI Registration Form	dbo.RI_Registration	EDUC	UNKNOWN	Agency created custom form. The value from the most recent record up to the End Date of the state reporting period is used.
PID	Y	Forms > BHOLD Program Code Mapping	dbo.BHOLDProgramCodeMapping	PID	None	Echo created custom mapping form.
PROGRAM	Y	Clients > Profile > Enrollments > Program	dbo.Enrollments	Program	None	Program assigned to the Client's current open Enrollment. The Program must be mapped to a BHOLD program on the BHOLD Program Mapping form.
FTRTDATE	Y	Services	dbo.Services	StartDate	None	The date of the first fact-to-face Service in the Client's current Episode is used for reporting the FTRTDATE Date Element. The Service's Activity code must be one that is mapped on the BHOLD Registration Face To Face Activities form.
ADMITDATE	Y	Clients > Profile > Enrollments > Start Date	dbo.Enrollments	StartDate	None	ADMITDATE is the StartDate of the Client's current open Enrollment
REFERSRC	Y	Clients > Timeline > RI Registration Form or RI Internal Transfer Note	dbo.RI_Registration or dbo.RI_InternalTransferNote	REFERSRC or Hardcoded Value MHPROVIDER	UNKNOWN	Agency created custom forms. Both the RI Discharge Summary Form and the RI Internal Transfer form are considered when determining the values for these fields, if any. When pulling
COURTREFER	Y	Clients > Timeline > RI Registration Form or RI Internal Transfer Note	dbo.RI_Registration or dbo.RI_InternalTransferNote	COURTREFER or Hardcoded Value	NA	values from the RI_Registration form, the most recent record up to the End Date of the state reporting period is used.
ARREST	Y	Clients > Timeline > RI Registration Form or RI Internal Transfer Note	dbo.RI_Registration or dbo.RI_InternalTransferNote	ARREST or Arrested	99	The RI Internal Transfer note is considered if the Date of Transfer is within one day of the Enrollment End date. If Internal Transfer Note is used, the hardcoded values report.
SOCCON	Y	Clients > Timeline > RI Registration Form or RI Internal Transfer Note	dbo.RI_Registration or dbo.RI_InternalTransferNote	SOCCON or VoluntarySelfHelp	UNKNOWN or NA	Just as above, both the RI Discharge Summary Form and the RI Internal Transfer form are considered when determining the values for these fields, if any. The default is UNKNOWN when the value is NULL and "Program" is SAIOP or SAOP or NA when the value is NULL and the "Program" is NOT SAIOP or SAOP.
PIDCITY	Y	Forms > BHOLD Program Code Mapping	dbo.BHOLDProgramCodeMapping	PIDCityCode	None	Echo created custom mapping form.

RI BHOLD State Reporting Data Element Mapping

Data Element	Req'd Y, N, or S	Capture Location	Table Name	Column Name	Default Value if NULL	Notes
ZIP	Y	Clients > Contact Info> Client > Zip	dbo.ClientAddresses	Zip	99999	The zip code of the active Client address with Type = Primary is reported. If there are multiple, active Primary addresses, the one with the most recent start date is selected.
RESARR	Y	Clients > Household > Living Arrangements	dbo.ClientLivingArrangements	LivingArrangement	UNKNOWN	Living Arrangements is a defined list in Configuration > Setup > Defined Lists. This must be populated with the RESARR data element Valid Codes. The value is reported for the Client's current Living Arrangement based on dates entered on the Client > Household tab.
FAMSIZE	Y	Clients > Household > Household Size	dbo.ClientHouseholdSizes	HouseholdSize	99	The value of the Client's current, active Household Size is reported.
MONTHINC	Y	Clients > Household > Household Income	dbo.ClientHouseholdIncomes	GrossMonthlyIncome	99999	The value of the Client's current, active Gross Monthly Income is reported.
EMPSTAT	Y	Clients > Timeline > RI Registration Form	dbo.RI_Registration	EMPSTAT	UNKNOWN	Employment Status is a defined list in Configuration > Setup > Defined Lists. This must be populated with the EMPSTAT data element Valid Codes.
EMPTYTYPE	Y	Clients > Timeline > RI Registration Form	dbo.RI_Registration	EMPTYTYPE	UNKNOWN	Agency created custom form. Acorn adds validation at the database level to prevent invalid data combinations per the Data Dictionary.
PRIPMNT	Y	Clients > Payers	dbo.ClientPayers	Payers	PERSONAL	The Client's top 3 priority non-selfpay Payers are used to determine PRIPMNT, SECPMNT, and TERPMNT. The value reported is based on the mapping of the individual Payers on the BHOLD Payer Mapping form. The table for the mappings is dbo.BHOLDPayerMapping. If the reported value is DBH then a mapping is sought for the CONTRACTID and reported in the CONTRACTID data element.*
SECPMNT	N	Clients > Payers	dbo.ClientPayers	Payers	NA	
TERPMNT	N	Clients > Payers	dbo.ClientPayers	Payers	NA	
CONTRACTID	N	Forms > BHOLD Payer Mapping	dbo.BHOLDPayerMapping	ContractID	Blank	
DIAG1	Y	Clients > Diagnosis > Primary	dbo.ClientDiagnoses	Icd10	None	DIAG1 is the Client's Active Diagnosis where the Type is Primary. A Diagnosis is considered Active if it was not end-dated within the prior reporting period. Client's must have at least one Primary Diagnosis. DIAG2 through DIAG10 may be any other Active Client Diagnosis. Output file contains comma-separated blanks when there is no value.
DIAG2	N	Clients > Diagnosis > Other Type, Active Diagnosis	dbo.ClientDiagnoses	Icd10	Blank	
DIAG3	N	Clients > Diagnosis > Other Type, Active Diagnosis	dbo.ClientDiagnoses	Icd10	Blank	
DIAG4	N	Clients > Diagnosis > Other Type, Active Diagnosis	dbo.ClientDiagnoses	Icd10	Blank	
DIAG5	N	Clients > Diagnosis > Other Type, Active Diagnosis	dbo.ClientDiagnoses	Icd10	Blank	
DIAG6	N	Clients > Diagnosis > Other Type, Active Diagnosis	dbo.ClientDiagnoses	Icd10	Blank	
DIAG7	N	Clients > Diagnosis > Other Type, Active Diagnosis	dbo.ClientDiagnoses	Icd10	Blank	
DIAG8	N	Clients > Diagnosis > Other Type, Active Diagnosis	dbo.ClientDiagnoses	Icd10	Blank	
DIAG9	N	Clients > Diagnosis > Other Type, Active Diagnosis	dbo.ClientDiagnoses	Icd10	Blank	
DIAG10	N	Clients > Diagnosis > Other Type, Active Diagnosis	dbo.ClientDiagnoses	Icd10	Blank	
NAMEFRST	Y	Clients > Profile > First	dbo.ClientNames	FirstName	None	
NAMELST	Y	Clients > Profile > Last	dbo.ClientNames	LastName	None	
GENDERID	Y	Clients > Profile > Gender Identity	dbo.Clients	GenderIdentity	UNKNOWN	A mapping form is installed with the Acorn that allows users to map existing <i>Gender Identities</i> Defined List values to the valid BHOLD data element values.

RI BHOLD State Reporting Data Element Mapping

Data Element	Req'd Y, N, or S	Capture Location	Table Name	Column Name	Default Value if NULL	Notes
SEXORIENT	Y	Clients > Profile > Sexual Orientation	dbo.Clients	SexualOrientation	UNKNOWN	A mapping form is installed with the Acorn that allows users to map existing Sexual Orientations Defined List values to the valid BHOLD data element values.
DEPENDCHILD	Y	Clients > Timeline > RI Registration Form	dbo.RI_Registration	DEPENDCHILD	99	Agency created custom form. The value from the most recent record up to the End Date of the state reporting period is used.
COMHSA	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	COMHSA	UNKNOWN	Agency created custom form. If the Client does not have a Medical History record, UNKNOWN is reported. The value from the most recent record up to the End Date of the state reporting period is used.
CODD	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	CODD	UNKNOWN	
COPREG	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	COPREG	UNKNOWN	
COSMOK	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	COSMOK	UNKNOWN	
COHYPT	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	COHYPT	UNKNOWN	
COHEP	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	COHEP	UNKNOWN	
COVIR	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	COVIR	UNKNOWN	
COHYPC	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	COHYPC	UNKNOWN	
COOBES	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	COOBES	UNKNOWN	
CODIAB	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	CODIAB	UNKNOWN	
COASTH	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	COASTH	UNKNOWN	
COCOPD	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	COCOPD	UNKNOWN	
SUBUSE1	Y	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	Substance	NA	Agency created custom form - must use the version with the end date field. The report pulls the SUBUSE1(2,3), ROUTE1(2,3); FREQUSE1(2,3); and AGEUSE1(2,3) values from the most recent RI_SubUseForm record with a Priority of 1-Primary(2-Secondary,3-Tertiary) that is NOT end-dated before the reporting Start Date. <i>Note that the reporting period is defined by the range of dates selected on the State Reporting screen.</i> Substances with a Priority of 4-Other are not reported. The following logic is used to determine the defaults. <ul style="list-style-type: none"> • If SUBABUSE1 is blank or NULL <ul style="list-style-type: none"> o SUBABUSE1-3, ROUTE1-3, FREQUSE1-3 must be NA o And AGEUSE1-3 must be 98 • If SUBABUSE1 is NA <ul style="list-style-type: none"> o Report NA for SUBABUSE2-3, ROUTE1-3, FREQUSE1-3 o Report 98 for AGEUSE1-3 • If SUBABUSE1 is UNKNOWN <ul style="list-style-type: none"> o SUBABUSE2-3, ROUTE1-3, FREQUSE1-3 must be UNKNOWN o And AGEUSE1-3 must be 99 • If SUBABUSE1 is some other value and SUBABUSE2-3 are blank or NULL <ul style="list-style-type: none"> o Report NA for SUBABUSE2-3, ROUTE2-3, FREQUSE2-3 o And report 98 for AGEUSE2-3 • If SUBUSE1 or 2 or 3 have a value other than NA or UNKNOWN but values are missing for any one of the related data elements (FREQUSE1 or 2 or 3,
SUBUSE2	N	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	Substance	NA	
SUBUSE3	N	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	Substance	NA	
ROUTE1	Y	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	Route	NA	
ROUTE2	N	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	Route	NA	
ROUTE3	N	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	Route	NA	
FREQUSE1	Y	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	Frequency	NA	
FREQUSE2	Y	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	Frequency	NA	
FREQUSE3	Y	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	Frequency	NA	
AGEUSE1	Y	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	AgeFirstUse	98	
AGEUSE2	N	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	AgeFirstUse	98	

RI BHOLD State Reporting Data Element Mapping

Data Element	Req'd Y, N, or S	Capture Location	Table Name	Column Name	Default Value if NULL	Notes
AGEUSE3	N	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	AgeFirstUse	98	ROUTE1 or 2 or 3, AGE1 or 2 or 3) then the report throws an error and the default value of NA is reported.
DISDATE	S	Clients > Timeline > RI Discharge Summary Form or RI Internal Transfer Note	dbo.Episodes or dbo.Enrollments	EndDate	Blank if Client is Active	This data element is populated with the Client's Episode EndDate or Enrollment EndDate if available. The Acorn then looks for a discharge summary or internal transfer record within 2 days before or after, while still respecting the state-reporting period, to populate the remaining discharge data elements. If no record is found, the following error is thrown "Episode or Enrollment for Client XXX was closed but no associated Discharge or Internal Transfer record was found." If the Episode or Enrollment IS NOT end-dated but a discharge summary or internal transfer record IS found, the DISDATE or TransferDate value is used for DISDATE, the discharge data elements are populated based on the discharge record, and the following error is thrown "A Discharge or Internal Transfer record was found for Client XXX but the associated Episode/Enrollment is still open."
DISLASTDATE	S	Services	dbo.Services	StartDate	Blank if Client is Active	The date of the last fact-to-face Service in the Client's current Enrollment is used for reporting the DLASTDATE Data Element. The Service's Activity code must be one that is mapped on the BHOLD Discharge Face To Face Activities form. If the Client is discharge and a mapped Service is not found, the following error is thrown "Client missing Last Contact Date."
SITUATIONALLY REQUIRED, DISCHARGE SPECIFIC INFORMATION - If DISDATE is populated then data elements prefixed with DIS are required. Both the RI Discharge Summary Form and the RI Internal Transfer form are considered when determining the values for these fields, if any.						
DISSOCCON	S	Clients > Timeline > RI Discharge Summary Form or RI Internal Transfer Note	dbo.RI_DischargeSummary or dbo.RI_InternalTransferNote	DISSOCCON or VoluntarySelfHelp	Blank or UNKNOWN	Comma-separated blank if Client is Active or defaults to UNKNOWN if Client is discharged and value is NULL
DISREASON	S	Clients > Timeline > RI Discharge Summary Form or RI Internal Transfer Note	dbo.RI_DischargeSummary or dbo.RI_InternalTransferNote	DISREASON or Hard Coded Value of INTRANSFER	Blank or INTRANSFER	Comma-separated blank if Client is Active or defaults to INTRANSFER if from the Internal Transfer Note
DISREFER	S	Clients > Timeline > RI Discharge Summary Form or RI Internal Transfer Note	dbo.RI_DischargeSummary or dbo.RI_InternalTransferNote	DISREFER or Hard Coded Value of MHPROVIDER	Blank or MHPROVIDER	Comma-separated blank if Client is Active or defaults to MHPROVIDER if from the Internal Transfer Note
DISARREST	S	Clients > Timeline > RI Discharge Summary Form or RI Internal Transfer Note	dbo.RI_DischargeSummary or dbo.RI_InternalTransferNote	DISARREST or Arrested	Blank or 99	
DISRESARR	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISRESARR	Blank or UNKNOWN	
DISEMPSTAT	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISEMPSTAT	Blank or UNKNOWN	Comma-separated blank if Client is Active or defaults to UNKNOWN if Client is discharged and value is NULL.

RI BHOLD State Reporting Data Element Mapping

Data Element	Req'd Y, N, or S	Capture Location	Table Name	Column Name	Default Value if NULL	Notes
DISEMPTYTYPE	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISEMPTYTYPE	Blank or NA	Comma-separated blank if Client is Active or defaults to UNKNOWN if Client is discharged and DISEMPSTAT is UNKNOWN.
MID	N	Clients > Profile > MPI	dbo.Clients	MPI	Blank	MID is only mandatory for clients with Medicaid or Managed Care Medicaid for insurance types, otherwise the output file contains a comma-separated blank.
DISSUBUSE1	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISSUBUSE1	Blank or UNKNOWN	<p>SITUATIONALLY REQUIRED, DISCHARGE SPECIFIC INFORMATION - If DISDATE is populated then data elements prefixed with DIS are required. If Client is active, the output file contains comma-separated blanks. If Client is discharged the following defaults report,</p> <ul style="list-style-type: none"> • If DISSUBUSE1 is blank or NULL - DISSUBUSE1-3 AND DISFREQUSE1-3 report as NA • If DISSUBUSE1 is NA - DISUBUSE2-3 AND DISFREQUSE1-3 are NA • If DISSUBUSE1 is UNKNOWN - DISSUBUSE2-3 AND DISFREQUSE1-3 are UNKNOWN • If DISSUBUSE1 is some other value and DISSUBUSE2-3 are blank or NULL - NA is reported for DISSUBUSE2-3, DISFREQUSE2-3** <p>**Again, if DISSUBUSE1 or 2 or 3 have a value other than NA or UNKNOWN but values are missing for the matching DISFREQUSE data element, then the report throws an error.</p>
DISSUBUSE2	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISSUBUSE2	Blank or UNKNOWN	
DISSUBUSE3	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISSUBUSE3	Blank or UNKNOWN	
DISFREQUSE1	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISFREQUSE1	Blank or UNKNOWN	
DISFREQUSE2	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISFREQUSE2	Blank or UNKNOWN	
DISFREQUSE3	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISFREQUSE3	Blank or UNKNOWN	

RI BHOLD State Reporting Data Element Mapping

Data Element	Req'd Y, N, or S	Capture Location	Table Name	Column Name	Default Value if NULL	Notes
DLAScore	S	Clients > Timeline > Client DLA-20 Adult	dbo.Demo_DLA20	DLAScore	Blank	<p>OUTCOME INFORMATION - SITUATIONALLY REQUIRED These Data Elements are required FOR IHH/ACT CLIENTS but can be left blank for other Client populations. This information is captured on the DLA assessment and RI Custom Vital Signs form. Data Elements are stored in the custom tables. The BHOLD report uses the most recent DLA screening and VitalSigns records that fall within the reporting period. The output file contains comma-separated blanks if there is no value to report.</p>
DLADate	S	Clients > Timeline > Client DLA-20 Adult	dbo.Demo_DLA20	DLADate	Blank	
BMIScore	S	Clients > Timeline > RI Vital Signs form	dbo.RI_VitalSigns	BMI	Blank	
BMIDate	S	Clients > Timeline > RI Vital Signs form	dbo.RI_VitalSigns	VitalDate	Blank	
BMIFollowUpDate	S	Clients > Timeline > RI Vital Signs form	dbo.RI_VitalSigns	BmiFollowUpDate	Blank	
HbA1CScore	S	Clients > Timeline > RI Vital Signs form	dbo.RI_VitalSigns	HbA1CValue	Blank	
HbA1CDate	S	Clients > Timeline > RI Vital Signs form	dbo.RI_VitalSigns	HbA1CDate	Blank	
BPSystolic	S	Clients > Timeline > RI Vital Signs form	dbo.RI_VitalSigns	BPSystolic	Blank	
BPDiastolic	S	Clients > Timeline > RI Vital Signs form	dbo.RI_VitalSigns	BPDiastolic	Blank	
BPDate	S	Clients > Timeline > RI Vital Signs form	dbo.RI_VitalSigns	VitalDate	Blank	
SMOKERREFERRAL	S	Clients > Timeline > RI Vital Signs form	dbo.RI_VitalSigns	CessationIntervention	Blank	
SMOKERREFERRALDATE	S	Clients > Timeline > RI Vital Signs form	dbo.RI_VitalSigns	CessationDate	Blank	