Data Element	Req'd Y, N, or S	Capture Location	Table Name	Column Name	Notes
RECNUM	Y	Clients > Profile	dbo.Clients	ClientCode	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	This is not a required field in EchoVantage but cannot be unknown for BHOLD reporting. If the SSN is not known, it must be constructed per the guidance in the Data Dictionary.
DOB	Y	Clients > Profile > Birth Date	dbo.Clients	BirthDate	
GENDER	Y	Clients > Profile > Gender At Birth	dbo.Clients	GenderAtBirth	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	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	
HAWPACIF	Y	Clients > Profile > Race Grid	dbo.ClientRaces	Race	
BLACK	Y	Clients > Profile > Race Grid	dbo.ClientRaces	Race	
WHITE	Y	Clients > Profile > Race Grid	dbo.ClientRaces	Race	
HISPANIC	Y	Clients > Profile > Ethnicity Grid	dbo.ClientEthnicities	Ethnicity	• Hispanic reports as YES. • Not Hispanic reports as NO. • Blank reports as UNKNOWN
VETSTAT	Y	Clients > Profile > Veteran Status	dbo.Clients	VeteranStatus	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: • NG, YVA, and YVG = ACTIVE • Yes = VETERAN • No = NOSERVICE • UNK = UNKNOWN

Data Element	Req'd Y, N, or S	Capture Location	Table Name	Column Name	Notes
MARSTAT	Y	Clients > Profile > Marital Status	dbo.Clients	MaritalStatus	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: • 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
EDUC	Y	Clients > Timeline > RI Registration Form	dbo.RI_Registration	EDUC	Agency created custom form.
PID	Y	Forms > BHOLD Program Code Mapping	dbo.BHOLDProgramCodeMappin	PID	Echo created custom mapping form.
PROGRAM	Y	Clients > Profile > Enrollments > Program	dbo.Enrollments	Program	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	The date of the first fact-to-face Service in the Client's current Episode is used for reporting. The Activity code on the Service must be one that is mapped on the BHOLD Face To Face Activities form.
ADMITDATE	Y	Clients > Profile > Enrollments > Start Date	dbo.Enrollments	StartDate	ADMITDATE is the StartDate of the Client's current open Enrollment
REFERSRC	Y	Clients > Timeline > RI Registration Form	dbo.RI_Registration	REFERSRC	Agency created custom form.
COURTREFER	Y	Clients > Timeline > RI Registration Form	dbo.RI_Registration	COURTREFER	
ARREST	Y	Clients > Timeline > RI Registration Form	dbo.RI_Registration	ARREST	
SOCCON	Y	Clients > Timeline > RI Registration Form	dbo.RI_Registration	SOCCON	
PIDCITY	Y	Forms > BHOLD Program Code Mapping	dbo.BHOLDProgramCodeMappin	PIDCityCode	Echo created custom mapping form.
ZIP	Y	Clients > Contact Info> Client > Zip	dbo.ClientAddresses	Zip	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. Currently, if unknown (not active or not entered) null is is reported. This is updated to report 99999 in the next release.
RESARR	Y	Clients > Household > Living Arrangements	dbo.ClientLivingArrangements	LivingArrangement	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 Arranagement based on dates entered on the Client > Household tab.
FAMSIZE	Y	Clients > Household > Household Size	dbo.ClientHouseholdSizes	HouseholdSize	The value of the Client's current, active Household Size is reported.

Data Element	Req'd Y, N, or S	Capture Location	Table Name	Column Name	Notes
MONTHINC	Y	Clients > Household > Household Income	dbo.ClientHouseholdIncomes	GrossMonthlyIncome	The value of the Client's current, active Gross Monthly Income is reported.
EMPSTAT	Y	Clients > Timeline > RI Registration Form	dbo.RI_Registration	EMPSTAT	Employment Status is a defined list in Configuration > Setup > Defined Lists. This must be populated with the EMPSTAT data element Valid Codes.
EMPTYPE	Y	Clients > Timeline > RI Registration Form	dbo.RI_Registration	EMPTYPE	Agency created custom form.
PRIPMNT	Y	Clients > Payers	dbo.ClientPayers	Payers	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 Payer's category 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	
TERPMNT	N	Clients > Payers	dbo.ClientPayers	Payers	
CONTRACTID	N	Forms > BHOLD Payer Mapping	dbo.BHOLDPayerMapping	ContractID	
DIAG1	Y	Clients > Diagnosis > Primary	dbo.ClientDiagnoses	Icd10	DIAG1 is the Client's Active diagnosis where the Type is Primary (P) AND the enrollment on the diagnosis is the enrollment being reported. There should only be one Primary Diagnosis per Enrollment and Enrollment Program.
DIAG2	N	Clients > Diagnosis > Other Type, Active Diagnosis	dbo.ClientDiagnoses	Icd10	DIAG2 through DIAG10 may be any other diagnosis the Client has where the Type is not Primary, the enrollment on the diagnosis is the enrollment being reported and the diagnosis is currently active. If more than one is found, these are ordered by start date in ascending order.
DIAG3	N	Clients > Diagnosis > Other Type, Active Diagnosis	dbo.ClientDiagnoses	Icd10	
DIAG4	N	Clients > Diagnosis > Other Type, Active Diagnosis	dbo.ClientDiagnoses	Icd10	
DIAG5	N	Clients > Diagnosis > Other Type, Active Diagnosis	dbo.ClientDiagnoses	Icd10	
DIAG6	N	Clients > Diagnosis > Other Type, Active Diagnosis	dbo.ClientDiagnoses	Icd10	
DIAG7	N	Clients > Diagnosis > Other Type, Active Diagnosis	dbo.ClientDiagnoses	Icd10	
DIAG8	N	Clients > Diagnosis > Other Type, Active Diagnosis	dbo.ClientDiagnoses	Icd10	
DIAG9	N	Clients > Diagnosis > Other Type, Active Diagnosis	dbo.ClientDiagnoses	Icd10	
DIAG10	N	Clients > Diagnosis > Other Type, Active Diagnosis	dbo.ClientDiagnoses	Icd10	
NAMEFRST	Y	Clients > Profile > First	dbo.ClientNames	FirstName	
NAMELST	Y	Clients > Profile > Last	dbo.ClientNames	LastName	
GENDERID	Y	Clients > Profile > Gender Identity	dbo.Clients	GenderIdentity	A mapping form is installed with the Acorn that allows users to map existing *Gender Identities* Defined List values to the valid BHOLD data element values.

Data Element	Req'd Y, N, or S	Capture Location	Table Name	Column Name	Notes
SEXORIENT	Y	Clients > Profile > Sexual Orientation	dbo.Clients	SexualOrientation	A mapping form is installed with the Acorn that allows users to map existing Sexuarl Orientations Defined List values to the valid BHOLD data element values.
DEPENDCHILD	Y	Clients > Timeline > RI Registration Form	dbo.RI_Registration	DEPENDCHILD	Agency created custom form.
COMHSA	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	COMHSA	
CODD	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	CODD	
COPREG	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	COPREG	
COSMOK	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	COSMOK	
COHYPT	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	COHYPT	
COHEP	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	COHEP	Agency created custom form. If the Client does not have a Medical History record, UNKNOWN is reported.
COVIR	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	COVIR	
COHYPC	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	COHYPC	
COOBES	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	COOBES	
CODIAB	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	CODIAB	
COASTH	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	COASTH	
COCOPD	Y	Clients > Timeline > RI Target Condition Form	dbo.RI_TargetCondition	COCOPD	
SUBUSE1	Y	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	Substance	
SUBUSE2	N	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	Substance	
SUBUSE3	N	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	Substance	Agency created custom form.
ROUTE1	Y	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	Route	For a given Client, the Priority number assigned is used to report the SUBUSE1,2 and 3; ROUTE1,2 and 3; FREQUSE1,2 and 3; and AGEUSE1,2, and 3.
ROUTE2	N	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	Route	
ROUTE3	N	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	Route	Priority 1 must be assigned to the Primary Substance and the Route1,
FREQUSE1	Y	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	Frequency	FREQUSE1, and AGEUSE1 must also correspond to the Primary Substance and
FREQUSE2	Y	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	Frequency	have Priority 1 assigned. NA reports for empty (null) Current Substance Use
FREQUSE3	Y	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	Frequency	data elements except AGEUSE1,2,3. The AGEUSE elements report as 98 rather
AGEUSE1	Y	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	AgeFirstUse	than NA if null.
AGEUSE2	N	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	AgeFirstUse	
AGEUSE3	N	Clients > Timeline > RI Substance Use Form	dbo.RI_SubUseForm	AgeFirstUse	
DISDATE	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISDATE	
DISLASTDATE	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISLASTDATE	
DISSOCCON	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISSOCCON	
DISREASON	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISREASON	SITUATIONALLY REQUIRED, DISCHARGE SPECIFIC INFORMATION - If DISDATE is populated then data elements prefixed with DIS are required.
DISREFER	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISREFER	
DISARREST	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISARREST	This is an agency created custom form.
DISRESARR	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISRESARR	
DISEMPSTAT	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISEMPSTAT	
DISEMPTYPE	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISEMPTYPE	

Data Element	Req'd Y, N, or S	Capture Location	Table Name	Column Name	Notes
MID	N	Clients > Profile > MPI	dbo.Clients	MPI	MID is only mandatory for clients with Medicaid or Managed Care Medicaid for insurance types.
DISSUBUSE1	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISSUBUSE1	SITUATIONALLY REQUIRED, DISCHARGE SPECIFIC INFORMATION - If DISDATE is populated then data elements prefixed with DIS are required. Note that DISSUBUSE2 and 3, and DISFREQUSE2 and 3 are populated only if SUBUSE2 and 3, and FREQUSE2 and 3 were populated. This is an agency created custom form.
DISSUBUSE2	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISSUBUSE2	
DISSUBUSE3	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISSUBUSE3	
DISFREQUSE1	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISFREQUSE1	
DISFREQUSE2	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISFREQUSE2	
DISFREQUSE3	S	Clients > Timeline > RI Discharge Summary Form	dbo.RI_DischargeSummary	DISFREQUSE3	
DLASCORE	S	Clients > Timeline > DLA_20	dbo.Demo_DLA20	DLASCORE	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 a DLA assessment and a 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 occur on or before the State Reporting Period End Date. **The CessateDate falls back to VitalDate if there is a value for CessationIntervention and CessationDate is null.**
DLADATE	S	Clients > Timeline > DLA_20	dbo.Demo_DLA20	DLADATE	
BMISCORE	S	Clients > Timeline > RI Vital Signs form	dbo.RI_VitalSigns	BMI	
BMIDATE	S	Clients > Timeline > RI Vital Signs form	dbo.RI_VitalSigns	VitalDate	
BMIFOLLOWUPDATE	S	Clients > Timeline > RI Vital Signs form	dbo.RI_VitalSigns	BmiFollowUpDate	
HBA1CSCORE	S	Clients > Timeline > RI Vital Signs form	dbo.RI_VitalSigns	HbA1CValue	
HBA1CDATE	S	Clients > Timeline > RI Vital Signs form	dbo.RI_VitalSigns	HbA1CDate	
BPSYSTOLIC	S	Clients > Timeline > RI Vital Signs form	dbo.RI_VitalSigns	BPSystolic	
BPDIASTOLIC	S	Clients > Timeline > RI Vital Signs form	dbo.RI_VitalSigns	BPDiastolic	
BPDATE	S	Clients > Timeline > RI Vital Signs form	dbo.RI_VitalSigns	VitalDate	
SMOKERREFERRAL	S	Clients > Timeline > RI Vital Signs form	dbo.RI_VitalSigns	CessationIntervention	
SMOKERREFERRALDATE	S	Clients > Timeline > RI Vital Signs form	dbo.RI_VitalSigns	CessationDate**	

*Additional Payer Reporting Information - Unmapped Payers

If one of the top three Payers has a Category that is not mapped in the Payer Category Mapping form, that Payer is skipped, and an error is returned in the output file.

Example: A Client's top four Payers are Payer1, Payer2, Payer3, and Payer4. Payer3 is not mapped on the mapping form. Payer1, Payer2, and Payer4 are reported. An error returns in the result indicating that Payer3 does not have a valid mapping.

Duplicate Categories/Mapping

If any of the Client's top three Payers have the same Category as a higher-priority Payer, then it is skipped. No error is reported in this case. The same rule applies if two Payers have different Categories, but those Categories map to the same "Primary Payment Source" value.

Example: A Client's top four Payers are Payer1, Payer2, Payer3, and Payer4. Payer1 and Payer2 have the same Payer Category. Payer1, Payer3,

Yellow rows reflect changes in Capture Location, Table Name, or Column Name from previous release.	11/5/2020
Green cells reflect changes in v1.0.66. Additional details are in the Release Notes.	1/8/2021
Outcome Information Notes were updated due to changes in the v2.0.146 Release.	**1/4/2022**