

Introduction

XML Schema is used to describe and validate the structure and values of the XML data. The XML schema defines the name of the element, element data types, values for the specific tags with latest date to know as and when the data has been updated. The XML Import in WBARS helps to import the Table 1 information with corresponding XML tag and appropriate schema values.

Glossary	
NHTF	National Housing Trust Fund
PSH	Permanent Supportive Housing
LIH	Low Income Housing
FT	Fulltime
HUD	Department of Housing and Urban Development (HUD)

XML Schema				
Element Name	Element Type (format)	Required?	Values	Updated/New
ReportYear	Integer	Yes	Given year must match with project current report year	
ProjectName	String	Yes	Given name must match with WBARS	
SiteName	String	Yes	Given name must match with WBARS	
BuildingName	String	Yes	Given name must match with WBARS	
UnitName	String	Yes	Given name must match with WBARS	
UnitDesignation	String	Yes	Restricted = "Restricted" ; CAU-Manager = "CAU-Manager" ; CAU-Maintenance = "CAU-Maintenance" ; CAU-Security = "CAU-Security" ; Market Rate = "MarketRate"	
HeadOfHouseholdFullName	String	If ReportYear < 2023	Letters (upper and lower); numbers; special characters	
HeadOfHouseholdFirstName	String	If ReportYear >= 2023	Letters (upper and lower); numbers; special characters	
HeadOfHouseholdLastName	String	If ReportYear >= 2023	Letters (upper and lower); numbers; special characters	
HeadOfHouseholdMiddleInitialName	String	No	Letters (upper and lower); numbers; special characters	
ChangeHeadOfHousehold		No		
MoveInDate	Date	Yes	YYYY-MM-DD	
MoveOutDate	Date	No		
MoveOutReason	String	If MoveOutDate = Date and if ReportYear >= 2024	Can't afford rent = "1"; Moving for job/family/school = "2"; Found a more desirable unit = "3"; Mutual termination = "4"; Being evicted = "5"; Abandoned unit = "6"; Passed away = "7"; Did not want to recertify = "8"; Buying a home = "9"; Resident didn't provide reason = "10"	

EvictionReason	String	If MoveOutReason = 5	Nonpayment of rent = "1"; Violation of lease (other than rent) = "2"; Violation of tax credit program rules = "3"; Lease violation (due to untreated mental illness) = "4"; Criminal activity = "5"	
NewHousingSituation	String	If MoveOutReason = 1,2,3,4,6,7,8,9,10	Another rental unit = "1"; Buying a home = "2"; Moving in with family/friends = "3"; Going to a shelter = "4"; Going to residence with higher level of care/services = "5"; Abandoned unit= "6"; Passed away = "7"; Resident didn't provide = "8"	
RecentRecertificationDate	Date	If Unit Designation = Restricted	YYYY-MM-DD	
PreviousRecertificationDate	Date	No	YYYY-MM-DD	
MoveInLIHPercentage_SetAsideType	String	If Unit Designation = Restricted	20% = "0.2" ; 30% = "0.3" ; 35% = "0.35" ; 40% = "0.4" ; 45% = "0.45" ; 50% = "0.5" ; 60% = "0.6" ; 65% = "0.65" ; 70% = "0.7" ; 80% = "0.8"	
LIHPercentage_SetAsideType	String	If Unit Designation = Restricted	20% = "0.2" ; 30% = "0.3" ; 35% = "0.35" ; 40% = "0.4" ; 45% = "0.45" ; 50% = "0.5" ; 60% = "0.6" ; 65% = "0.65" ; 70% = "0.7" ; 80% = "0.8"	

Element Name	Element Type (format)	Required?	Values	Updated/New
SpecialNeedOption	String	No	Disabled = "D" ; Large Household = "L" ; Farmworker = "F" ; Farmworker-Large Household = "FL"; Farmworker-Disabled = "FD" ; Farmworker-Homeless = "FH" ; Transitional = "T" ; Transitional-Disabled = "TD" ; Transitional-Large Household = "TL" ; Homeless = "H" ; Homeless-Disabled = "HD"	
MoveInAnnualGrossIncome	Decimal	If Unit Designation = Restricted	"0" to "1,000,000"	
AnnualGrossIncome	Decimal	If Unit Designation = Restricted	"0" to "1,000,000"	
IsHOMEProgramUnit	positiveInteger	No	Yes ="1"; No ="2";	
IsNHTFProgramUnit	positiveInteger	No	Yes ="1"; No ="2";	
IsPSHProgramUnit	positiveInteger	No	Yes ="1"; No ="2";	
WasHouseholdLivingInUnitBefore	positiveInteger	If HOME or NHTF Program = Yes	Yes ="1"; No ="2";	
HOMEUnitOccupied	positiveInteger	If HOME Program = Yes	Owner - "2"; Renter - "1"; Vacant - "9"	
NHTFUnitOccupied	positiveInteger	If NHTF Program = Yes	Owner - "2"; Renter - "1"; Vacant - "9"	
HeadofHouseholdRace	positiveInteger	If HOME or NHTF Program = Yes	White="1"; Black or African American (AA) = "2"; Asian="3"; American Indian or Alaska Native="4"; Native Hawaiian or Other Pacific Islander="5"; American Indian or Alaska Native, and White="6"; Black or African American (AA), and White="7"; American Indian or Alaska Native, and Black (AA)="8"; Other Multi-Racial="10"; Not Disclosed="11"	
HeadofHouseholdEthnicity	positiveInteger	If HOME or NHTF Program = Yes	Yes ="1"; No ="2"	

Element Name	Element Type (format)	Required?	Values	Updated/New
HouseholdType	Integer	If HOME or NHTF Program = Yes	Single - Non Elderly = "1"; Elderly = "2"; Related Single Parent = "3"; Related Parent = "4"; Other = "5"; Vacant Unit = "9"	
HOMEProgram_SetAsideType	String	If HOME = Yes	"HOME Program - State"; "HOME Program - County"; "HOME Program - City"	
MoveInHouseholdSize	positiveInteger	If Unit Designation = Restricted	"1" to "15"	
HouseholdSize	positiveInteger	If Unit Designation = Restricted	"1" to "15"	
ResidentPaymentAmount	Decimal	If Unit Designation = Restricted		
UtilityAllowanceSource	String	If Unit Designation = Restricted	"Energy Consumption Model" "Energy Consumption Model (2)" "Energy Consumption Model (3)" "HUD Regulated Properties" "HUD Utility Schedule Model" "Local Utility Company Estimate" "Local Utility Company Estimate (2)" "Local Utility Company Estimate (3)" "Owner Estimate, Actual Usage (2)" "Owner Estimate, Actual Usage (3)" "Owner Estimate, Actual Usage Data" "Owner Estimate, Similar Buildings" "Owner Estimate, Similar Buildings (2)" "Owner Estimate, Similar Buildings (3)" "Owner Pays all Utilities" "Public Housing Authority (S8) (2)" "Public Housing Authority (S8) (3)" "Public Housing Authority (Section 8)" "Rural Housing Service (RD)" "WSHFC Bond Only"	New

Element Name	Element Type (format)	Required?	Values	Updated/New
RentalAssistanceSource	String	If SubsidyAmount >= 0	Veterans Administration-Per Diem = "VA-Per Diem" ; Veterans Administration VA-VASH = "VA-VASH" ; USDA Rural Rental Assistance = "USDA-RRA" ; Transitional Housing Operating Rental Assistance = "THOR" ; Shelter Plus Care = "SPC" ; SCEHP-Snohomish County Ending Homelessness Prgm = "SCEHP" Other = "Other" ; McKinney-Shelter Plus Care = "MSPC" ; HUD Section 8 - Tenant Based = "Sec 8-Voucher" ; HUD Section 8 - Project Based = "PBRA" ; HUD Section 8 - Mod Rehab = "ModRhb" ; HUD Section 8 - Agency Based = "Sec 8" ; HOME-TBRA = "HOME-TBRA" ; King County Homeless Housing Services Fund = "KCHHSF" ; Project Rental Assistance Contract = "PRAC"	
SubsidyAmount	Decimal	If RentalAssistanceSource = Yes		
Comment	String	No	Maximum character = 500	
FirstName	String	No		
LastName	String	No		
MiddleInitial	String	No		
RelationShipToHeadOfHousehold	String	No	Head of Household="H"; Spouse="S"; Adult Co-Resident ="A"; Child="C"; Foster child(ren)/Adult="F"; Live-in caretaker="L"; Other ="O"	
DateOfBirth	Date	No	YYYY-MM-DD	
FullTimeStudent? (to be answered only for projects with WSHFC Tax Credits)	String	No	"yes" ; "no" ; "Did Not Disclose"	
HouseholdStudentExceptionType	String	If all household members' FullTimeStudent = "Yes"	"TANF Assistance" ; "Job Training Program" ; "Single parent/dependent child" ; "Married/joint retun" ; "Previous Foster Care assistance"	

Element Name	Element Type (format)	Required?	Values	Updated/New
SSNLast4	String	No		
RaceSelection	String	No	White="1"; Black/African American="2"; American Indian/Alaska Native="3"; Asian="4" Native Hawaiian/Other Pacific Islander="5" Other ="6" ; Multi-Racial ="7"; Did Not Disclose ="8"; Missing/Not Collected ="9"	September 2021
Ethnicity	String	No	Hispanic or Latino="1"; Not Hispanic or Latino="2"; Did Not Disclose = "3"; Missing/Not Collected = "9"	September 2021
Disabled	String	No	"yes" ; "no" ; "Did Not Disclose"	
EmploymentOrWages	Decimal	No	"0" to "500,000"	
SocSecPensions	Decimal	No	"0" to "500,000"	
PublicAssistance	Decimal	No	"0" to "500,000"	
OtherIncome	Decimal	No	"0" to "500,000"	
TypeOfAsset	String	No	"Checking" ; "Savings" ; "IRA/Retirement" ; "Money Market" ; "Pension" ; "Annuity" ; "Real Estate" ; "Trusts" ; "Other"	
CurrentOrImputed	String	No	Current = "C"; Imputed = "I"	
CashValue	Decimal	No	"0" to " 3,000,000"	
AnnualAssetIncome	Decimal	No	"0" to "1,000,000"	
UnitTransferredTo		No		