FileCheck (Intra-file) and Import Validation Schema (Cross-file) Checks

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Type	Check	Severity	Description
Intra-file	MissingFile	**CRITICAL (gates others)**	A required HUD CSV file is absent from the uploaded ZIP archive.
Intra-file	ExportFile	**CRITICAL (gates others)**	Export.csv must contain exactly one data row; flags files with more than one record.
Intra-file	EnrollmentFile	WARNING	Enrollment.csv must contain at least one data row; flags an empty enrollment file.
Intra-file	ExtraColumn	**CRITICAL (gates others)**	A file contains columns that are not defined for that file in the HUD filelist specification.
Intra-file	PriorityColumn	**CRITICAL (gates others)**	A file is missing one or more expected priority (critical) columns; column names are case sensitive. (e.g. Client.PersonalID, Client.DOB)
Intra-file	NonPriorityColumn	**CRITICAL (gates others)**	A file is missing one or more expected non-priority (non-critical) columns; column names are case sensitive. (e.g. Client.FirstName, Enrollment.DateOfEngagement)
Intra-file	NonNullableCriticalNull	ERROR	A required critical field that cannot be null contains null (missing) values. (e.g. Client.PersonalID, Enrollment.EntryDate)
Intra-file	NonNullableCriticalBlank	ERROR	A required critical field that cannot be null contains blank or whitespace-only values. (e.g. Client.PersonalID, Enrollment.EntryDate)
Intra-file	NonNullableNonCriticalNull	ERROR	A non-critical field that cannot be null contains null (missing) values. (e.g. Client.SSNDataQuality, Enrollment.UserID)
Intra-file	NonNullableNonCriticalBlank	ERROR	A non-critical field that cannot be null contains blank or whitespace-only values. (e.g. Client.SSNDataQuality, Enrollment.UserID)
Intra-file	UniqueCheck	ERROR	A field defined as a unique identifier contains duplicate values within its file. (e.g. Client.PersonalID, Enrollment.EnrollmentID)
Intra-file	ForeignKey	ERROR	A foreign-key field references an ID that does not exist in the required parent file. (e.g. Enrollment.PersonalID, Enrollment.ProjectID)
Intra-file	OutOfRange	ERROR	A field with a HUD lookup list contains a value that is not a valid code for that list.
Intra-file	ConditionalOutOfRange	ERROR	A field must hold a valid lookup value only when another field in the same file equals a given value. (e.g. Enrollment.RentalSubsidyType required when LivingSituation=435; Project.ProjectType required when ContinuumProject=1)
Intra-file	ConditionalOutOfRangeWithGroup	ERROR	A field must hold a valid lookup value only when every condition in a group of same-file conditions is met. (e.g. Disabilities.TCellCountAvailable required when DisabilityType=8 AND DisabilityResponse=1; Project.ResidentialAffiliation required when ProjectType=13 AND RRHSubType=1)
Intra-file	ConditionalOutOfRangeCrossFile	ERROR	A field must hold a valid lookup value only when a linked record in another file meets a condition. (e.g. Inventory.Availability required when linked Project.ProjectType=0; Inventory.ESBedType required when linked Project.ProjectType=1)
Intra-file	DateFormat	ERROR	A critical date field contains a value not in yyyy-mm-dd format. (e.g. Client.DOB, Enrollment.EntryDate)
Intra-file	DateFormatNonPriority	ERROR	A non-critical date field contains a value not in yyyy-mm-dd format. (e.g. Enrollment.DateOfEngagement, Exit.AftercareDate)
Intra-file	DatetimeFormat	ERROR	A critical date-time field contains a value not in yyyy-mm-dd hh:mm:ss format. (e.g. Client.DateCreated, Enrollment.DateUpdated)

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Intra-file	DatetimeFormatNonPriority	ERROR	A non-critical date-time field contains a value not in yyyy-mm-dd hh:mm:ss format. (e.g. Client.DateDeleted, Exit.DateDeleted)
Intra-file	NumericFormat	ERROR	A numeric field contains a value that is not a valid number. (e.g. IncomeBenefits.TotalMonthlyIncome, Services.FAAmount)
Intra-file	IntegerFormat	ERROR	A critical integer field contains a value that is not a valid whole number or is missing. (e.g. Client.NameDataQuality, Enrollment.RelationshipToHoH)
Intra-file	IntegerFormatNonPriority	WARNING	A non-critical integer field contains a value that is not a valid whole number or is missing. (e.g. Client.SSNDataQuality, Client.Sex)
Intra-file	CharacterFormat	ERROR	A character field contains a value longer than the maximum length defined for that field. (e.g. Client.FirstName, Client.PersonalID)
Intra-file	ProhibitedChars	**CRITICAL (gates others)**	A character column contains prohibited characters (<, >, [,], {, }), which are treated as a structural blocker. (e.g. Client.FirstName, Project.ProjectName)
Intra-file	ExportCSVVersion	WARNING	Export.CSVVersion does not contain the expected HUD CSV specification version (FY2026 by default). (e.g. Export.CSVVersion)
Intra-file	SubPopulationBedCount	WARNING	For residential projects, the sum of subpopulation bed counts (CH, Vet, Youth and other) does not equal BedInventory. (e.g. Inventory.BedInventory)
Intra-file	ProjectOperatingEndDate	WARNING	A project with a null OperatingEndDate has all enrollments exited with the latest exit more than 30 days before the ExportDate. (e.g. Project.OperatingEndDate)
Intra-file	MissingCoCAddress	WARNING	A non-VSP, non-tenant-scattered-site ProjectCoC record is missing Address1, City or State, or has an invalid ZIP. (e.g. ProjectCoC.Address1, ProjectCoC.ZIP)
Intra-file	InventoryStartDateBeforeOperatingStart	WARNING	An Inventory InventoryStartDate is earlier than the linked project's OperatingStartDate. (e.g. Inventory.InventoryStartDate, Project.OperatingStartDate)
Intra-file	InventoryEndDateValidation	WARNING	An InventoryEndDate is later than the project's OperatingEndDate, or the inventory is open while the project has ended. (e.g. Inventory.InventoryEndDate, Project.OperatingEndDate)
Intra-file	ActiveInventoryNoEnrollment	WARNING	A project has active non-overflow bed inventory but no enrollment overlapping the inventory start and end dates. (e.g. Inventory.InventoryStartDate)
Intra-file	RRHProjectMissingRRHSubType	WARNING	A project with ProjectType 13 (Rapid Re-Housing) has no RRHSubType value. (e.g. Project.RRHSubType)
Intra-file	VSPProjectHMISParticipating	WARNING	A project under a Victim Service Provider organization is reported as actively participating in HMIS (HMISParticipationType = 1). (e.g. Organization.VictimServiceProvider)
Intra-file	ActiveHMISProjectNoEnrollments	WARNING	A project with active HMIS participation and active bed inventory has no enrollments during its combined operating and HMIS-participating period. (e.g. HMISParticipation.HMISParticipationType)
Intra-file	OverlappingHMISParticipation	ERROR	A project has two or more HMISParticipation records whose participation periods overlap, treating a null end date as still active. (e.g. HMISParticipation.HMISParticipationStatusStartDate)

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Intra-file	OverlappingCEParticipation	ERROR	A project has two or more CEParticipation records whose participation periods overlap, treating a null end date as still active. (e.g. CEParticipation.CEParticipationStatusStartDate)
Intra-file	RRHSOProjectWithInventory	WARNING	An RRH Services Only project (ProjectType 13, RRHSubType 1) has active bed inventory overlapping its operating period, which it should not have. (e.g. Project.RRHSubType)
Intra-file	NBNESProjectNoEntryBedNight	WARNING	A night-by-night emergency shelter with HMIS participation has no enrollment with a bed-night service (RecordType 200) dated on the entry date. (e.g. Services.DateProvided)
Intra-file	ProjectCoCMissingBedInventory	WARNING	A residential project's ProjectCoC record has no matching active bed inventory record for the same CoCCode. (e.g. ProjectCoC.CoCCode, Inventory.CoCCode)
Intra-file	UnitInventoryMoreThanBedInventory	WARNING	An Inventory record reports more units (UnitInventory) than beds (BedInventory). (e.g. Inventory.UnitInventory, Inventory.BedInventory)
Intra-file	VSPProjectWithEnrollment	WARNING	A project under a Victim Service Provider organization has client enrollments, which should not be reported. (e.g. Organization.VictimServiceProvider)
Intra-file	ResidentialProjectHousingTypeNull	ERROR	A residential project (ES, TH, SH, PH types) has a null HousingType. (e.g. Project.HousingType)
Intra-file	ResidentialProjectNoInventory	WARNING	A residential project has no matching Inventory record. (e.g. Project.ProjectID, Inventory.ProjectID)
Intra-file	SeasonalInventoryInvalidEndDate	WARNING	A seasonal Inventory record (Availability = 2) has no end date or spans more than 365 days. (e.g. Inventory.InventoryEndDate)
Intra-file	EmergencyShelterBedTypeHousingTypeMismatch	ERROR	An emergency shelter project's ESBedType is inconsistent with its HousingType (site-based needs facility or other beds; tenant-based needs vouchers). (e.g. Inventory.ESBedType, Project.HousingType)
Intra-file	RaceNoneExclusivity	ERROR	RaceNone has a value while at least one race field equals 1; RaceNone should be populated only when all race fields are 0. (e.g. Client.RaceNone)
Intra-file	RaceNoneCompleteness	ERROR	All race fields are 0 but RaceNone is null or 0, so no race response is recorded. (e.g. Client.RaceNone)
Intra-file	VeteranStatusYearEnteredSeparatedInvalid	WARNING	For veterans, YearEnteredService or YearSeparated is not a valid 4-digit year between 1920 and the current year. (e.g. Client.YearEnteredService, Client.YearSeparated)
Intra-file	LinkedClientCheck	ERROR	A child record (Exit, Disabilities, IncomeBenefits, Services and similar) has a PersonalID that differs from its linked Enrollment record. (e.g. Exit.PersonalID, Services.PersonalID)
Intra-file	VeteranStatusNullFields	WARNING	For VeteranStatus = 1, MilitaryBranch, DischargeStatus or all war-era fields are null. (e.g. Client.MilitaryBranch, Client.DischargeStatus)
Intra-file	VeteranStatusDKRCodes	WARNING	For VeteranStatus = 1, DischargeStatus, MilitaryBranch or all war-era fields hold DKR/DNC codes (8, 9, 99). (e.g. Client.DischargeStatus, Client.MilitaryBranch)
Intra-file	VeteranStatusNullFieldsNonVeteran	WARNING	VeteranStatus is not 1 but veteran-only fields such as service years, branch, discharge status or war-era flags are populated. (e.g. Client.YearEnteredService, Client.MilitaryBranch)

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Intra-file	ProjectCoCCodeCheck	**CRITICAL (gates others)**	A ProjectCoC CoCCode is not in the allowed CoC list supplied for the export; skipped when no list is given. (e.g. ProjectCoC.CoCCode)
Intra-file	DuplicateEnrollment	ERROR	Multiple Enrollment records share the same PersonalID, ProjectID and EntryDate. (e.g. Enrollment.PersonalID, Enrollment.EntryDate)
Intra-file	ClientFieldsDKRDNC	WARNING	NameDataQuality, DOBDataQuality, SSNDataQuality or RaceNone holds a Don't Know, Refused or Data Not Collected code (8, 9, 99). (e.g. Client.NameDataQuality, Client.SSNDataQuality)
Intra-file	ClientDOBDataQuality	ERROR	DOB is missing although DOBDataQuality is 1 or 2, indicating a full or approximate DOB was collected. (e.g. Client.DOB, Client.DOBDataQuality)
Intra-file	ClientAgeAtEntryCheck	ERROR	Age at enrollment entry (EntryDate year minus DOB year) is negative or greater than 100. (e.g. Client.DOB, Enrollment.EntryDate)
Intra-file	VeteranStatusAdultClientDKRCodes	WARNING	An adult (age 18 or older, or unknown) has VeteranStatus of DKR or DNC (8, 9, 99). (e.g. Client.VeteranStatus)
Intra-file	HouseHoldIdInMultipleProjects	WARNING	A HouseholdID is associated with enrollments in more than one project. (e.g. Enrollment.HouseholdID, Enrollment.ProjectID)
Intra-file	HOHAdultMissingDateHomelessnessBegan	WARNING	For head of household or adults, LOSUnderThreshold=1 and PreviousStreetESSH=1 but DateToStreetESSH is null. (e.g. Enrollment.DateToStreetESSH)
Intra-file	HOHAdultMissingESSHStayIndicator	WARNING	For head of household or adults entering on or after 2016-10-01, LOSUnderThreshold=1 but PreviousStreetESSH is null. (e.g. Enrollment.PreviousStreetESSH)
Intra-file	HOHAdultLivingSituationMissing	WARNING	A head of household or adult enrollment has a null LivingSituation. (e.g. Enrollment.LivingSituation)
Intra-file	HOHAdultLengthOfStayMissing	WARNING	A head of household or adult enrollment has a null LengthOfStay. (e.g. Enrollment.LengthOfStay)
Intra-file	HOHAdultLivingSituationDKRDNC	WARNING	A head of household or adult enrollment has LivingSituation coded DKR or DNC (8, 9, 99). (e.g. Enrollment.LivingSituation)
Intra-file	HOHAdultLengthOfStayDKRDNC	WARNING	A head of household or adult enrollment has LengthOfStay coded DKR or DNC (8, 9, 99). (e.g. Enrollment.LengthOfStay)
Intra-file	HOHAdultMonthsHomelessDKRDNC	WARNING	A head of household or adult enrollment has MonthsHomelessPastThreeYears coded DKR or DNC (8, 9, 99). (e.g. Enrollment.MonthsHomelessPastThreeYears)
Intra-file	HOHAdultTimesHomelessDKRDNC	WARNING	A head of household or adult enrollment has TimesHomelessPastThreeYears coded DKR or DNC (8, 9, 99). (e.g. Enrollment.TimesHomelessPastThreeYears)
Intra-file	HOHAdultDisablingConditionDKRDNC	WARNING	A head of household or adult enrollment has DisablingCondition coded DKR or DNC (8, 9, 99). (e.g. Enrollment.DisablingCondition)
Intra-file	HOHAdultMissingTimes	WARNING	For head of household or adults in ES, SO or SH projects, TimesHomelessPastThreeYears or MonthsHomelessPastThreeYears is null. (e.g. Enrollment.TimesHomelessPastThreeYears)

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Intra-file	DateToStreetESSHAfterEntryDate	WARNING	The date homelessness began (DateToStreetESSH) falls after the enrollment EntryDate. (e.g. Enrollment.DateToStreetESSH, Enrollment.EntryDate)
Intra-file	MonthsHomelessPastThreeYearsInDKRDNC	WARNING	TimesHomelessPastThreeYears = 1 but MonthsHomelessPastThreeYears holds a DKR or DNC code (8, 9, 99). (e.g. Enrollment.MonthsHomelessPastThreeYears)
Intra-file	MonthsHomelessMismatch	WARNING	TimesHomelessPastThreeYears = 1 but the calendar months from DateToStreetESSH to EntryDate do not match MonthsHomelessPastThreeYears. (e.g. Enrollment.MonthsHomelessPastThreeYears)
Intra-file	HomelessOver3YearsInconsistent	WARNING	DateToStreetESSH is over 36 months before EntryDate but TimesHomelessPastThreeYears is not 1 or MonthsHomelessPastThreeYears is below 112. (e.g. Enrollment.DateToStreetESSH)
Intra-file	MissingLivingSituationHomelessnessHistory	WARNING	For adults and heads of household in TH, PSH, SSO, HP or RRH, a qualifying LivingSituation and LengthOfStay combination lacks required homelessness history fields. (e.g. Enrollment.LOSUnderThreshold)
Intra-file	ConflictingIncomeAtEntry	ERROR	At project entry (DataCollectionStage = 1), IncomeFromAnySource conflicts with the individual income source fields. (e.g. IncomeBenefits.IncomeFromAnySource)
Intra-file	AdultMissingIncomeAtExit	WARNING	An exited adult enrollment in an income-collecting project lacks an exit-stage (DataCollectionStage = 3) IncomeBenefits record with IncomeFromAnySource populated. (e.g. IncomeBenefits.IncomeFromAnySource)
Intra-file	ConflictingIncomeAtExit	ERROR	At project exit (DataCollectionStage = 3), IncomeFromAnySource conflicts with the individual income source fields. (e.g. IncomeBenefits.IncomeFromAnySource)
Intra-file	AdultMissingIncomeAtEntry	WARNING	An adult enrollment in an income-collecting project lacks an entry-stage (DataCollectionStage = 1) IncomeBenefits record with IncomeFromAnySource populated. (e.g. IncomeBenefits.IncomeFromAnySource)
Intra-file	ExitBeforeEntryDate	ERROR	An Exit record's ExitDate is earlier than the enrollment's EntryDate. (e.g. Exit.ExitDate, Enrollment.EntryDate)
Intra-file	EntryAfterDateCreated	WARNING	An enrollment EntryDate is later than its DateCreated; PSH and OPH projects before 2017-10-01 are excused. (e.g. Enrollment.EntryDate, Enrollment.DateCreated)
Intra-file	ExitDestinationDKRDNC	WARNING	An Exit Destination is DKR (8, 9), DNC (99) or 30 (no exit interview completed). (e.g. Exit.Destination)
Intra-file	FutureExitDate	ERROR	An Exit record's ExitDate is later than the export's ExportDate. (e.g. Exit.ExitDate, Export.ExportDate)
Intra-file	SSVFMissingPercentAMI	ERROR	A head of household enrollment in an SSVF project (ProjectType 12 or Funder 33) has a null PercentAMI. (e.g. Enrollment.PercentAMI)
Intra-file	SSVFPercentAMIDNC	WARNING	A head of household enrollment in an SSVF project (ProjectType 12 or Funder 33) has PercentAMI = 99 (Data Not Collected). (e.g. Enrollment.PercentAMI)
Intra-file	SSVFMissingVAMCStation	ERROR	A head of household enrollment in an SSVF project (ProjectType 12 or Funder 33) has a null or blank VAMCStation. (e.g. Enrollment.VAMCStation)

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Intra-file	DataCollectionStageExitMissingExitData	ERROR	An IncomeBenefits, EmploymentEducation, HealthAndDV or Disabilities record has DataCollectionStage = 3 but the enrollment has no Exit record. (e.g. IncomeBenefits.DataCollectionStage)
Intra-file	DataCollectionStageAnnualOutOfWindow	WARNING	An annual assessment (DataCollectionStage = 5) has an InformationDate more than 30 days from every enrollment anniversary. (e.g. IncomeBenefits.InformationDate, Disabilities.InformationDate)
Intra-file	YouthEduStatusInfoDateBeforeEntry	WARNING	A YouthEducationStatus InformationDate is earlier than the enrollment EntryDate. (e.g. YouthEducationStatus.InformationDate)
Intra-file	YouthEduStatusInfoDateAfterExportEnd	WARNING	A YouthEducationStatus InformationDate is more than 90 days after the export's ExportEndDate. (e.g. YouthEducationStatus.InformationDate)
Intra-file	EventDateOutsideEnrollment	WARNING	An Event EventDate is before the enrollment EntryDate or after the ExitDate or the export's ExportEndDate. (e.g. Event.EventDate)
Intra-file	InvalidMoveInDate	ERROR	A permanent housing enrollment has a MoveInDate before its EntryDate or after its ExitDate. (e.g. Enrollment.MoveInDate)
Intra-file	EnrollmentOverlap	WARNING	An enrollment's active period overlaps another enrollment for the same client in a residential project (dual enrollment). (e.g. Enrollment.EntryDate, Exit.ExitDate)
Intra-file	EnrollmentAfterOperatingPeriod	ERROR	An enrollment starts after the project's OperatingEndDate, which has already passed. (e.g. Enrollment.EntryDate, Project.OperatingEndDate)
Intra-file	EnrollmentCrossesOperatingStart	ERROR	An enrollment begins before the project's OperatingStartDate and remains active past it without exceeding the OperatingEndDate. (e.g. Enrollment.EntryDate, Project.OperatingStartDate)
Intra-file	EnrollmentBeforeOperatingPeriod	ERROR	An enrollment's ExitDate is before the project's OperatingStartDate; open enrollments never match. (e.g. Exit.ExitDate, Project.OperatingStartDate)
Intra-file	EnrollmentCrossesOperatingEnd	ERROR	An enrollment begins within the project's operating period and remains active after the OperatingEndDate. (e.g. Enrollment.EntryDate, Project.OperatingEndDate)
Intra-file	EnrollmentBeforeHmisParticipatingPeriod	WARNING	An enrollment ends before the project's HMISParticipationStatusStartDate; open enrollments never match. (e.g. Exit.ExitDate, HMISParticipation.HMISParticipationStatusStartDate)
Intra-file	EnrollmentCrossesHmisParticipationPeriod	ERROR	An enrollment begins before the HMIS participation start date and is still active after the participation end date. (e.g. Enrollment.EntryDate, HMISParticipation.HMISParticipationStatusEndDate)
Intra-file	EnrollmentCrossesHmisParticipatingStart	WARNING	An enrollment begins before the HMIS participation start date and remains active past it without exceeding the end date. (e.g. Enrollment.EntryDate, HMISParticipation.HMISParticipationStatusStartDate)
Intra-file	EnrollmentCrossesHmisParticipatingEnd	WARNING	An enrollment begins after the HMIS participation start date and remains active after the participation end date. (e.g. Enrollment.EntryDate, HMISParticipation.HMISParticipationStatusEndDate)

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Intra-file	EnrollmentAfterHmisParticipatingPeriod	ERROR	An enrollment's EntryDate is after the project's HMISParticipationStatusEndDate. (e.g. Enrollment.EntryDate, HMISParticipation.HMISParticipationStatusEndDate)
Cross-file	Semantic Duplicate: IncomeBenefits	WARNING	Multiple IncomeBenefits records share the same EnrollmentID, data collection stage and InformationDate but have different IncomeBenefitsIDs, within one source system.
Cross-file	Net New Projects	WARNING (Notify Admins)	Flags Project records created for the first time in this import batch, so new projects can be reviewed before use.
Cross-file	Net New Organizations	WARNING (Notify Admins)	Flags Organization records created for the first time in this import batch, so new organizations can be reviewed.
Cross-file	Name Change Organizations	WARNING (Notify Admins)	Flags Organization records updated in this batch whose OrganizationName differs from the name already registered for that OrganizationID.
Cross-file	ProjectCoC CoCCode mismatch	ERROR	Flags newly created ProjectCoC records whose CoCCode differs from the expected CoC code (currently hard-coded as NY-600).
Cross-file	ProjectCoC ProjectID duplicates	WARNING (Notify Admins)	Flags ProjectIDs having more than one ProjectCoC record, regardless of CoCCode values.
Cross-file	Missing Enrollment CoC for Head of Household	ERROR	Flags head of household enrollments changed in this batch whose EnrollmentCoC is null.
Cross-file	Household with No Head of Household	ERROR	Flags households touched by this batch where no active member has RelationshipToHoH = 1 (Self/head of household).
Cross-file	Household with Multiple Heads of Household	ERROR	Flags households touched by this batch where more than one active member has RelationshipToHoH = 1 (head of household).
Cross-file	Children-Only Household	WARNING	Flags households touched by this batch where the oldest member's age at enrollment is known and under 12.
Cross-file	Missing Relationship to HoH	ERROR	Flags active enrollments with RelationshipToHoH = 99 (Data Not Collected) in households that already have a valid head of household.