



Cannabis Central Reporting System (CCRS)

CCRS Data Submission Guide

Version 0.0.1

Date: 09/01/2021

Date	Version	Changes Made
09/01/2021	1.0	Final
09/21/2021	2.0	Updates for clerical



Universal.csv Field Definitions

LicenseNumber

File Name: Universal

Field Name: LicenseNumber

Type: number

Required: Insert, Update and Delete

Valid Values: Licensee.LicenseNumber

Description: The six-digit licensee ID number established by the State of Washington upon licensing of a facility

Example: 123456

Error Messages:

1. LicenseNumber is required
2. Invalid LicenseNumber
3. License Number is not assigned to Integrator
4. License Number doesn't match the file name
 - Not applicable for LabTest.csv, Strain.csv
 - Not applicable when submitted by Integrator
5. LicenseNumber must be numeric

ExternalIdentifier

File Name: Universal

Field Name: ExternalIdentifier

Type: text(100)

Required: Insert, Update and Delete

Unique: Insert

Description: The unique licensee/integrator assigned identifier for interacting with this record.

Example: A001

Error Messages:

1. Duplicate External Identifier
2. ExternalIdentifier is required

CreatedBy

File Name: Universal

Field Name: CreatedBy

Type: text(35)

Required: Insert

Description: The user who created the record

Example: John Doe

Error Messages:

1. CreatedBy is required for Insert Operations

CreatedDate

File Name: Universal

Field Name: CreatedDate

Type: date(00/00/0000)

Required: Insert

Description: The date the object was created

Example: 44510

Error Messages:

1. CreatedDate is required for Insert Operations
2. CreatedDate must be a date



UpdatedBy

File Name: Universal

Field Name: UpdatedBy

Type: text(35)

Required: Update and Delete

Description: The user who updated the record

Example: Jane Doe

Error Messages:

1. UpdatedBy is required for Update or Delete Operations

UpdatedDate

File Name: Universal

Field Name: UpdatedDate

Type: text(35)

Required: Update and Delete

Description: The date the object was updated or deleted

Example: 44510

Error Messages:

1. UpdatedDate is required for Update or Delete Operations
2. UpdatedDate must be a date

Operation

File Name: Universal

Field Name: Operation

Type: text(35)

Required: Insert, Update and Delete

Valid Values:

- Insert
- Update
- Delete

Description: The purpose of the record.

Insert = Create.

Update = Alter existing record, indicated by ExternalIdentifier.

Delete = Flag existing record IsDeleted, indicated by ExternalIdentifier.

Example: Insert

Error Messages:

1. Operation is required
2. Operation is invalid must be Insert
3. Update or Delete



Area.csv Field Definitions

Area

File Name: Area
Field Name: Area
Type: text(75)
Required: Insert, Update and Delete
Description: Name identifier for the area
Example: Drying Room
Error Messages:
1. Name is required

IsQuarantine

File Name: Area
Field Name: IsQuarantine
Type: bool(Y/N)
Required: Insert, Update and Delete
Valid Values:

- TRUE
- FALSE

Description: Determines whether the area is designated as quarantine or not.
Example: TRUE
Error Messages:
1. IsQuarantine must be True or False
NOTE: TRUE only applies to imported CBD

Strain.csv Field Definitions

StrainType

File Name: Strain
Field Name: StrainType
Type: text(50)
Required: Yes
Unique: IUD (Name/StrainType Combo)
Valid Values:
1. Indica
2. Sativa
3. Hybrid
Description: The strain type
Example: Sativa
Error Messages:
1. Invalid Strain Type
2. StrainType is required

Strain

File Name: Strain
Field Name: Strain
Type: text(50)
Required: Yes
Unique: IUD (Name/StrainType Combo)
Description: The name associated with the strain
Example: Trainwreck
Error Messages:
1. Name is required
2. Duplicate Strain/StrainType



Product.csv Field Definitions

InventoryCategory

File Name: Product
Field Name: InventoryCategory
Type: text(50)
Required: Insert, Update and Delete
Valid Values:

Valid Values
PropagationMaterial
HarvestedMaterial
IntermediateProduct
EndProduct

Description: The inventory category.

Example: Propagation Material

Error Messages:

1. InventoryCategory is required
2. Invalid InventoryCategory/InventoryType combination

InventoryType

File Name: Product
Field Name: InventoryType
Type: text(50)
Required: Insert, Update and Delete
Valid Values: (InventoryCategory determines valid value options, one column bellow for each valid InventoryCategory)

PropagationMaterial	HarvestedMaterial	IntermediateProduct	EndProduct
Seed	Wet Flower	Marijuana Mix	Capsule
Plant	Wet Other Material	Concentrate for Inhalation	Solid Edible
	Flower Unlotted	Non-Solvent based Concentrate	Tincture
	Flower Lot	Hydrocarbon Concentrate	Liquid Edible
	Other Material Unlotted	CO2 Concentrate	Transdermal
	Other Material Lot	Ethanol Concentrate	Topical Ointment
	Waste	Food Grade Solvent Concentrate	Marijuana Mix Packaged
	Marijuana Mix	Infused Cooking Medium	Marijuana Mix Infused
		CBD	Suppository
		Waste	Usable Marijuana
			Sample Jar
			Waste

Description: The product type.

Example: Seed

Error Messages:

1. InventoryType is required



Name

File Name: Product
Field Name: Name
Type: text(75)
Required: Insert, Update and Delete
Description: The name associated with the product
Example: Purple Seeds
Error Messages:
1. Name is required

UnitWeightGrams

File Name: Product
Field Name: UnitWeightGrams
Type: Decimal(10,2)
Required: IUD (When inventorytype = Useable marijuana, or Marijauana Mix Packaged)
Example: 3.5

Description

File Name: Product
Field Name: Description
Type: text(250)
Description: The product description
Example: This is a group of seeds.

Inventory.csv Field Definitions

Strain

File Name: Inventory
Field Name: Strain
Type: text(50)
Required: Insert, Update and Delete
Valid Values: Strain.Name
Description: The name of the strain associated with this record
Example: Trainwreck
Error Messages:
1. Strain is required
2. Invalid Strain

Area

File Name: Inventory
Field Name: Area
Type: text(75)
Required: Insert, Update and Delete
Valid Values: Area.Name
Description: The name of the area associated with this record
Example: Dry Room
Error Messages:
1. Area is required
2. Invalid Area



Product

File Name: Inventory
Field Name: Product
Type: text(75)
Required: Insert, Update and Delete
Valid Values: Product.Name
Description: The name of the product associated with this record
Error Messages:
1. Product is required
2. Invalid Product

InitialQuantity

File Name: Inventory
Field Name: InitialQuantity
Type: decimal
Required: Insert, Update and Delete
Description: The quantity of the inventory when it was created/received
Error Messages:
1. InitialQuantity is required
2. InitialQuantity must be numeric

QuantityOnHand

File Name: Inventory
Field Name: QuantityOnHand
Type: decimal
Required: Insert, Update and Delete
Description: The quantity of the inventory at this point in time
Error Messages:
1. QuantityOnHand is required
2. QuantityOnHand must be numeric

TotalCost

File Name: Inventory
Field Name: TotalCost
Type: decimal
Required: Insert, Update and Delete
Description: The total cost associated with the Inventory item. Used to determine if a sale was made where the sales price was less than the cost
Error Messages:
1. TotalCost is required
2. TotalCost must be numeric

IsMedical

File Name: Inventory
Field Name: IsMedical
Type: bool(Y/N)
Required: Insert, Update and Delete
Valid Values:
1. TRUE
2. FALSE
Description: Determines whether the inventory is medical or recreational
Example: TRUE
Error Messages:
1. IsMedical must be True or False



InventoryAdjustment.csv Field Definitions

InventoryExternalIdentifier

File Name: InventoryAdjustment

Field Name: InventoryExternalIdentifier

Type: text(100)

Required: Insert, Update and Delete

Valid Values: Inventory.ExternalIdentifier

Description: The licensee/integrator assigned identifier for the inventory being adjusted

Error Messages:

1. InventoryExternalIdentifier is required
2. Invalid InventoryExternalIdentifier

AdjustmentReason

File Name: InventoryAdjustment

Field Name: AdjustmentReason

Type: text(50)

Required: Insert, Update and Delete

Valid Values:

Destruction
Reconciliation
Lost
Seizure
Theft
ReturnedLab Sample
Other

Description: Reason for Inventory Adjustment.

Example: Destruction

Error Messages:

1. AdjustmentReason is required
2. Invalid Adjustment Reason

AdjustmentDetail

File Name: InventoryAdjustment

Field Name: AdjustmentDetail

Type: text(250)

Description: Free form field for detailed notes of the adjustment

Quantity

File Name: InventoryAdjustment

Field Name: Quantity

Type: decimal

Required: Insert, Update and Delete

Description: The amount the Inventory was adjusted

Error Messages:

1. Quantity is required
2. Quantity must be numeric



AdjustmentDate

File Name: InventoryAdjustment

Field Name: AdjustmentDate

Type: date(00/00/0000)

Required: Insert, Update and Delete

Description: The date that the inventory adjustment record was recorded (not system)

Error Messages:

1. AdjustmentDate is required
2. AdjustmentDate must be a date

InventoryTransfer.csv Field Definitions

FromLicenseNumber

File Name: InventoryTransfer

Field Name: FromLicenseNumber

Type: text(10)

Required: Insert, Update and Delete

Unique: Insert

Valid Values: Licensee.LicenseNumber

Description: The six-digit licensee ID number established by the State of Washington upon licensing of a facility for the licensee that sent the inventory

Error Messages:

1. FromLicenseNumber is required
2. FromLicenseNumber must be numeric
3. Invalid FromInventoryExternalIdentifier
4. Duplicate InventoryTransfer for Licensee

ToLicenseNumber

File Name: InventoryTransfer

Field Name: ToLicenseNumber

Type: text(10)

Required: Insert, Update and Delete

Unique: Insert

Valid Values: Licensee.LicenseNumber

Description: The six-digit licensee ID number established by the State of Washington upon licensing of a facility for the licensee that received the inventory

Error Messages:

1. ToLicenseNumber is required
2. ToLicenseNumber must be numeric
3. Invalid ToInventoryExternalIdentifier

FromInventoryExternalIdentifier

File Name: InventoryTransfer

Field Name: FromInventoryExternalIdentifier

Type: text(100)

Required: Insert, Update and Delete

Unique: Insert

Valid Values: Inventory.ExternalIdentifier

Description: The licensee/integrator assigned identifier for the inventory that was sent

Error Messages:

1. FromInventoryExternalIdentifier is required



ToInventoryExternalIdentifier

File Name: InventoryTransfer

Field Name: ToInventoryExternalIdentifier

Type: text(100)

Required: Insert, Update and Delete

Unique: Insert

Valid Values: Inventory.ExternalIdentifier

Description: The licensee/integrator assigned identifier for the inventory that was received

Error Messages:

1. ToInventoryExternalIdentifier is required

Quantity

File Name: InventoryTransfer

Field Name: Quantity

Type: decimal

Required: Insert, Update and Delete

Description: The quantity of inventory transferred in the inventory transfer record

Error Messages:

1. Quantity is required
2. Quantity must be numeric

TransferDate

File Name: InventoryTransfer

Field Name: TransferDate

Type: date(00/00/0000)

Required: Insert, Update, Delete

Description: The date on which the record was recorded (not system)

Error Messages:

1. TransferDate is required
2. TransferDate must be a date

LabTest.csv Field Definitions

LabLicenseNumber

File Name: LabTest

Field Name: LabLicenseNumber

Type: number

Required: Insert, Update and Delete

Valid Values: Licensee.LicenseNumber

Description: The 10-digit licensee ID number established by the State of Washington upon licensing of a facility for the lab that ran the test

Error Messages:

1. LabLicenseNumber is required
2. Invalid LabLicenseNumber



LabTestStatus

File Name: LabTest
Field Name: LabTestStatus
Type: text(50)
Required: Insert, Update and Delete
Valid Values:

Valid Values	
Required	NotRequired
Pass	Fail
FailExtractableOnly	FailRetestAllowed
FailRetestAllowedExtractableOnly	InProcess
SampleCreated	

Description: The current status of the lab test.

Error Messages:

1. LabTestStatus is required
2. Invalid LabTestStatus

InventoryExternalIdentifier

File Name: LabTest
Field Name: InventoryExternalIdentifier
Type: text(100)
Required: Insert, Update and Delete
Valid Values: Inventory.ExternalIdentifier
Description: The licensee/integrator assigned identifier for the inventory that was tested

Error Messages:

1. InventoryExternalIdentifier is required
2. Invalid InventoryExternalIdentifier

TestName

File Name: LabTest
Field Name: TestName
Type: text(100)
Required: Insert, Update and Delete
Description: Name of the test that was done. For example, 'Cannabinoid D9 THCA Percent'

Error Messages:

1. TestName is required

TestDate

File Name: LabTest
Field Name: TestDate
Type: date(00/00/0000)
Required: Insert, Update and Delete
Description: The user submitted date the test was done

Error Messages:

1. TestDate is required
2. TestDate must be a date



TestValue

File Name: LabTest

Field Name: TestValue

Type: text(25)

Required: Insert, Update and Delete

Description: Free form field for the value of the specific test

Error Messages:

1. TestValue is required

Plant.csv Field Definitions

Area

File Name: Plant

Field Name: Area

Type: text(75)

Required: Insert, Update and Delete

Valid Values: Area.Name

Description: The name of the area associated with this record

Error Messages:

1. Area is required
2. Invalid Area

Strain

File Name: Plant

Field Name: Strain

Type: text(50)

Required: Insert, Update and Delete

Valid Values: Strain.Name

Description: The name of the strain associated with this record

Error Messages:

1. Strain is required
2. Invalid Strain

PlantSource

File Name: Plant

Field Name: PlantSource

Type: text(50)

Required: Insert, Update and Delete

Valid Values:

- Clone
- Seed

Description: What the plant was sourced from. Valid values include: Clone, Seed

Error Messages:

1. PlantSource is required
2. Invalid Plant Source



PlantState

File Name: Plant
Field Name: PlantState
Type: text(50)
Required: Insert, Update and Delete
Valid Values:

Valid Values	
Growing	Drying
PartiallyHarvested	Harvested
Quarantined	Destroyed
Inventory	Sold

Description: What state the plant is currently in. Valid values include: Growing, Drying, PartiallyHarvested, Harvested, Quarantined, Destroyed, Inventory, Sold

Error Messages:

1. PlantState is required
2. Invalid Plant State

GrowthStage

File Name: Plant
Field Name: GrowthStage
Type: text(50)
Required: Insert, Update and Delete
Valid Values:

Valid Values
Immature
Vegetative
Flowering

Description: What stage in the growth cycle the plant is currently at. Valid values include: Immature, Vegetative, Flowering

Error Messages:

1. GrowthStage is required
2. Invalid Growth Stage

HarvestCycle

File Name: Plant
Field Name: HarvestCycle
Type: text(50)
Required: Insert, Update and Delete
Valid Values:

- 3
- 6
- 9
- 12

Description: What stage in the harvest cycle the plant is currently at. (Harvest cycle In months)

Error Messages:

1. HarvestCycle is required
2. Invalid Harvest Cycle



MotherPlantExternalIdentifier

File Name: Plant
Field Name: MotherPlantExternalIdentifier
Type: text(100)
Valid Values: Plant.ExternalIdentifier
Description: The licensee/integrator assigned identifier for the mother plant associated with this record

PlantIdentifier

File Name: Plant
Field Name: PlantIdentifier
Type: text(100)
Required: Insert, Update and Delete
Unique: Insert
Valid Values: Plant.PlantExternalIdentifier
Description: The unique identifier for the plant. This may or may not be different than the Plant.ExternalIdentifier
Error Messages:

1. PlantIdentifier is required
2. Duplicate Plant for Licensee

HarvestDate

File Name: Plant
Field Name: HarvestDate
Type: date(00/00/0000)
Required: Insert, Update and Delete
Description: The user submitted date the plant was harvested
Error Messages:

1. HarvestDate must be a date

IsMotherPlant

File Name: Plant
Field Name: IsMotherPlant
Type: bool(Y/N)
Description: Determines whether the plant record is a mother plant or not

PlantDestruction.csv Field Definitions

PlantExternalIdentifier

File Name: PlantDestruction
Field Name: PlantExternalIdentifier
Type: text(100)
Required: Insert, Update and Delete
Valid Values: Plant.ExternalIdentifier
Description: The licensee/integrator assigned identifier for the plant that was destroyed
Error Messages:

1. PlantExternalIdentifier is required
2. Invalid Plant



DestructionReason

File Name: PlantDestruction
Field Name: DestructionReason
Type: text(50)
Required: Insert, Update and Delete
Valid Values:

Valid Values
PlantDied
Contamination
TooMuchWater
TooLittleWater
MalePlant
Mites
Other

Description: The reason for destroying the plant.
Error Messages:

1. DestructionReason is required
2. Invalid Destruction Reason

DestructionMethod

File Name: PlantDestruction
Field Name: DestructionMethod
Type: text(50)
Required: Insert, Update and Delete
Valid Values:

- Compost
- Grind
- Other

Description: The method used to destroy the plant.
Error Messages:

1. DestructionMethod is required
2. Invalid Destruction Method

DestructionDate

File Name: PlantDestruction
Field Name: DestructionDate
Type: date(00/00/0000)
Required: Insert, Update and Delete
Description: The user submitted date the destruction was created
Error Messages:

1. DestructionDate is required
2. DestructionDate must be a date



PlantTransfer.csv Field Definitions

FromLicenseNumber

File Name: PlantTransfer

Field Name: FromLicenseNumber

Type: text(10)

Required: Insert, Update and Delete

Unique: Insert

Valid Values: Licensee.LicenseNumber

Description: The six-digit licensee ID number established by the State of Washington upon licensing of a facility for the licensee that sent the plant

Error Messages:

1. FromLicenseNumber is required
2. FromLicenseNumber must be numeric
3. Invalid From LicenseNumber
4. Duplicate PlantTransfer for Licensee

ToLicenseNumber

File Name: PlantTransfer

Field Name: ToLicenseNumber

Type: text(10)

Required: Insert, Update and Delete

Unique: Insert

Valid Values: Licensee.LicenseNumber

Description: The six-digit licensee ID number established by the State of Washington upon licensing of a facility for the licensee that received the plant

Error Messages:

1. ToLicenseNumber is required
2. ToLicenseNumber must be numeric
3. Invalid To LicenseNumber

FromPlantExternalIdentifier

File Name: PlantTransfer

Field Name: FromPlantExternalIdentifier

Type: text(100)

Required: Insert, Update and Delete

Unique: Insert

Valid Values: Plant.ExternalIdentifier

Description: The licensee/integrator assigned identifier for the plant that was sent

Error Messages:

1. FromPlantExternalIdentifier is required
2. Invalid FromPlantExternalIdentifier

ToPlantExternalIdentifier

File Name: PlantTransfer

Field Name: ToPlantExternalIdentifier

Type: text(100)

Required: Insert, Update and Delete

Unique: Insert

Valid Values: Plant.ExternalIdentifier

Description: The licensee/integrator assigned identifier for the plant that was received

Error Messages:

1. ToPlantExternalIdentifier is required
2. Invalid ToPlantExternalIdentifier



TransferDate

File Name: PlantTransfer

Field Name: TransferDate

Type: date(00/00/0000)

Required: Insert, Update, Delete

Description: The date on which the record was recorded (not system)

Error Messages:

1. TransferDate is required
2. TransferDate must be a date

Sale.csv Field Definitions

InventoryExternalIdentifier

File Name: Sale

Field Name: InventoryExternalIdentifier

Type: text(100)

Required: Insert, Update and Delete

Valid Values: Inventory.ExternalIdentifier

Description: The licensee/integrator assigned identifier for the inventory that was sold

Error Messages:

1. InventoryExternalIdentifier is required
2. Invalid InventoryExternalIdentifier

PlantExternalIdentifier

File Name: Sale

Field Name: PlantExternalIdentifier

Type: text(100)

Required: Insert, Update and Delete

Valid Values: Plant.ExternalIdentifier

Description: The licensee/integrator assigned identifier for the plant that was sold

Error Messages:

1. PlantExternalIdentifier is required
2. Invalid PlantExternalIdentifier

Quantity

File Name: Sale

Field Name: Quantity

Type: decimal

Required: Insert, Update and Delete

Description: The quantity sold

Error Messages:

1. Quantity is required
2. Quantity must be numeric

UnitPrice

File Name: Sale

Field Name: UnitPrice

Type: decimal

Required: Insert, Update and Delete

Description: The unit price in US Dollars for the inventory/plant sold

Error Messages:

1. UnitPrice is required
2. UnitPrice must be numeric



Washington State Liquor and Cannabis Board

Discount

File Name: Sale

Field Name: Discount

Type: decimal

Description: The price in US Dollars of the discount applied to the sale

Error Messages:

1. Discount must be numeric

SalesTax

File Name: Sale

Field Name: SalesTax

Type: decimal

Description: The total in US Dollars of the sales tax

Error Messages:

1. SalesTax must be numeric

OtherTax

File Name: Sale

Field Name: OtherTax

Type: decimal

Description: The total in US Dollars of any other tax applied at the time of sale

Error Messages:

1. OtherTax must be numeric

SoldToLicenseNumber

File Name: Sale

Field Name: SoldToLicenseNumber

Type: number

Required: Insert, Update and Delete (Only when SaleType = Wholesale)

Valid Values: Licensee.LicenseNumber

Description: The six-digit licensee ID number established by the State of Washington upon licensing of a facility for the facility that purchased the item

Error Messages:

1. SoldToLicenseNumber must be numeric
2. Invalid SoldToLicenseNumber

SaleType

File Name: Sale

Field Name: SaleType

Type: text(50)

Required: Insert, Update and Delete

Valid Values:

- RecreationalRetail
- RecreationalMedical
- Wholesale

Description: The type of sale

Error Messages:

1. SaleType is required
2. Invalid SaleType



SaleDate

File Name: Sale

Field Name: SaleDate

Type: date(00/00/0000)

Required: Insert, Update and Delete

Description: The user submitted date of the sale transaction

Error Messages:

1. SaleDate is required
2. SaleDate must be a date

SaleExternalIdentifier

File Name: Sale

Field Name: SaleExternalIdentifier

Type: text(100)

Required: Insert, Update and Delete

Unique: Insert

Valid Values: Sale.ExternalIdentifier

Description: The licensee/integrator assigned identifier for the sale record (SaleType, Licensee, DateSold)

Error Messages:

1. SaleExternalIdentifier is required
2. Duplicate Sale for Licensee
3. Invalid Sale(UD)

SaleDetailExternalIdentifier

File Name: Sale

Field Name: SaleDetailExternalIdentifier

Type: text(100)

Required: Insert, Update and Delete

Unique: Insert

Valid Values: Sale.SaleDetailExternalIdentifier

Description: The licensee/integrator assigned identifier for the items within the sale record (InventoryExternalIdentifier, PlantExternalIdentifier, Quantity, UnitPrice, Discount, SalesTax, OtherTax, ExternalIdentifier)

Error Messages:

1. SaleDetailExternalIdentifier is required
2. Duplicate Sale detail item for Licensee
3. Invalid Sale Detail(UD)