



## Cannabis Central Reporting System (CCRS)

### CCRS Data Submission Guide

Version 0.0.6

Date: 09/01/2021

Date	Version	Changes Made
09/07/2021	1.0	Final



## Contents

1. Overview of CCRS Data Model
2. General File Format Rules
3. CCRS Collection Files
  - 1) [Area](#)
  - 2) [Inventory](#)
  - 3) [InventoryAdjustment](#)
  - 4) [InventoryTransfer](#)
  - 5) [LabTest](#)
  - 6) [Plant](#)
  - 7) [PlantDestruction](#)
  - 8) [PlantTransfer](#)
  - 9) [Product](#)
  - 10) [Sale](#)
  - 11) [Strain](#)



## Upload File Specifications

Data upload templates are provided for each upload file in Comma Separated Values (.csv) format in the following location: <https://lcb.wa.gov/ccrs/resources>

Each file begins with a header of three required values, SubmittedBy, SubmittedDate and NumberRecords. The SubmittedBy field indicates the user who is submitting the report, the SubmittedDate the date the user is submitting the records and finally the NumberRecords field must match the number of records listed below the field names.

## Common Data Collection Fields

The following fields are used universally in nearly all submission files. They are defined here to avoid repetition in each input file specification.

### Operation

---

Type: Text

Length: 35

Definition: The Operation field is used in all collection files (except strain.csv), it indicates the following values: Insert (create new record with a unique external identifier), Update (alter an existing record indicated by external identifier), or Delete (Delete a record, indicated by external identifier).

### CreatedBy

---

Type: Text

Length: 35

Definition: Each record provides a CreatedBy field to enter the user who initially created the record on insert.

### UpdatedBy

---

Type: Text

Length: 35

Definition: Each record provides an UpdatedBy field to enter the user who subsequently updated a record.

### CreateDate

---

Type: Date

Format: MM/DD/YYYY

Definition: Each record provides a CreateDate field to enter the date that the record was first submitted.

### UpdatedDate

---

Type: Date

Format: MM/DD/YYYY

Definition: Each record provides an UpdatedDate field to enter the date that the record was modified.



## **File naming conventions for Licensee, Lab and integrator**

Licensees will upload each file with the category, their 6-digit license number, and datetime to seconds

- category\_licenseNumber\_YYYYMMDDHHMMSS
- Example – plant\_555555\_20210809083006.csv

Integrators will upload each file with category, their 10-digit integrator ID, and datetime to seconds

- category\_integratorID\_YYYYMMDDHHMMSS
- example – inventory\_1234567890\_20210809083006.csv

Labs will upload each file with the file category, their 10-digit ID, and datetime to seconds

- category\_labID\_YYYYMMDDHHMMSS
- example – labresults\_1234567890\_20210809083006.csv



## Data Collection Files

### Area File Specifications

Areas represent physical locations at licensed facilities where plants and inventory will be located. The types of areas are 'quarantine' or 'non-quarantine'. Areas with a 'quarantine' designation are for circumstances such as waste/destruction hold periods, QA quarantine periods, or transfer hold periods.

	A	B	C	D	E	F	G	H	I
1	SubmittedBy	John Doe							
2	SubmittedDate	08/01/2021							
3	NumberRecords	3							
4	LicenseNumber	Area	IsQuarantine	ExternalIdentifier	CreatedBy	CreatedDate	UpdatedBy	UpdatedDate	Operation
5	123456	GrowRoom1	FALSE	GrowRoom1	John Doe	08/01/2021			Insert
6	123456	FlowerRoom1	FALSE	FlowerRoom1	John Doe	08/01/2021			Insert
7	123456	InventoryRoom1	FALSE	InventoryRoom1	John Doe	08/01/2021			Insert
8									

Figure 1 Area.csv File screenshot with sample data entered

### Area.csv Data Template

A Comma Separated Values (.csv) file data template is provided at <https://lcb.wa.gov/ccrs/resources>

### Field Definitions

#### Area

Type: Text

Length: 75

Required: Insert Update & Delete

Definition: Name Identifier for the Area

#### IsQuarantine

Type: Boolean

Required: Insert Update & Delete

Definition: Determines whether the area is designated as quarantine or not.

Valid Values: TRUE, FALSE



## Inventory File Specifications

Inventory records represent the physical inventory that exists at a facility.

Inventory.csv is required weekly by any licensed facility that owns the inventory, only when inventory exists that are unreported, or unreported updates to an existing inventory.

### File Dependencies

The inventory record is dependent on existing records in Strain, Area and Product, referenced records must be submitted in this submission or prior to this submission.

	A	B	C	D	E	F	G	H	I
2	SubmittedDate	08/13/2021							
3	Checksum	3							
4	LicenseNumber	Strain	Area	Product	InitialQuantity	QuantityOnHand	TotalCost	IsMedical	ExternalIdentifier
5	654321	OGKush	InventoryRoom1	WetFlowerIr	896	600	2000	FALSE	Inv00001
6	654321	OGKush	InventoryRoom1	SampleINV	1	0	10	FALSE	Inv00002
7	654321	OGKush	InventoryRoom1	THCButterIN	300	300	1000	FALSE	Inv00003

Figure 2 Inventory.csv File Screenshot with example data. (CreatedBy/Date, UpdatedBy/Date & Operation columns not pictured)

### Inventory.csv Data Template

A Comma Separated Values (.csv) file data template is provided at

<https://lcb.wa.gov/ccrs/resources>

### Field Definitions

#### Strain

Type: Text

Length: 50

Required: Insert Update & Delete

Definition: The name of the strain associated with this record

Valid Values: [Strain.Name](#)

#### Area

Type: Text

Length: 75

Required: Insert Update & Delete

Definition: The name of the area associated with this record

Valid Values: [Area.Area](#)



## Washington State Liquor and Cannabis Board

---

### Product

---

Type: Text

Length: 75

Required: Insert Update & Delete

Definition: The name of the product associated with this record

Valid Values: [Product.Name](#)

### InitialQuantity

---

Type: Decimal

Required: Insert Update & Delete

Definition: The quantity of the inventory when it was created/received

### QuantityOnHand

---

Type: Decimal

Required: Insert Update & Delete

Definition: The quantity of the inventory at this point in time

### TotalCost

---

Type: Decimal

Required: Insert Update & Delete

Definition: 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

### IsMedical

---

Type: Boolean

Required: Insert Update & Delete

Definition: Determines whether the inventory is medical or recreational

Valid Values: TRUE, FALSE

### ExternalIdentifier

---

Type: Text

Length: 100

Required: Insert Update & Delete

Definition: Unique Identifier for Inventory



## Inventory Adjustment File Specifications

Inventory Adjustments record the event that increases or decreases the quantity of inventory on hand for a defined reason.

InventoryAdjustment.csv is required weekly by any licensed facility that owns the inventory, only when an inventory adjustment event happened that was unreported, or unreported updates to an existing inventory adjustment.

### File Dependencies

The Inventory Adjustment record is dependent on existing records in Inventory. Inventory records must be submitted prior to creating an inventory adjustment.

	A	B	C	D	E	F	G
1	SubmittedBy	Jane Doe					
2	SubmittedDate	08/13/2021					
3	NumberRecords	1					
4	LicenseNumber	InventoryExternalIdentifier	AdjustmentReason	AdjustmentDetail	Quantity	AdjustmentDate	ExternalIdentifier
5	654321	INV00001	ReturnedLabSample	received back 2 grams of flower	2	08/13/2021	InvAdj0001

Figure 3 InventoryAdjustment.csv File Screenshot with example data. (CreatedBy/Date, UpdatedBy/Date & Operation columns not pictured)

### InventoryAdjustment.csv Data Template

A Comma Separated Values (.csv) file data template is provided at

<https://lcb.wa.gov/ccrs/resources>

### Field Definitions

#### InventoryExternalIdentifier

Type: Text

Length: 100

Required: Insert Update & Delete

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

Valid Values: [Inventory.ExternalIdentifier](#)

#### AdjustmentReason

Type: Text

Length: 50

Required: Insert Update & Delete

Definition: Reason for Inventory Adjustment

#### Valid Values

Destruction

Reconciliation

Lost

Seizure

Theft

Returned Lab Sample

Other





### **AdjustmentDetail**

---

Type: Text

Length: 250

Required: Optional

Definition: Free form field for detailed notes of the adjustment

### **Quantity**

---

Type: Decimal

Required: Insert Update & Delete

Definition: The amount the Inventory was adjusted

Valid Values: Numeric

### **AdjustmentDate**

---

Type: Date

Format: mm/dd/yyyy

Required: Insert Update & Delete

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



## Inventory Transfer File Specifications

An inventory Transfer record reports how much Inventory was received by the licensee facility and when. Inventory Transfers record the receipt of inventory transferred into licensee' possession. InventoryTransfer.csv is required weekly by any licensed facility that receives inventory, only when an unreported inventory transfer event happened, or unreported updates to an existing inventory transfer.

### File Dependencies

Inventory Transfer records are dependent on existing Inventory records for the source and destination inventories using the InventoryExternalIdentifier.

	A	B	C	D	E	F	G
1	SubmittedBy	JohnSmith					
2	SubmittedDate	08/15/2021					
3	NumberRecords	1					
4	FromLicenseNumber	ToLicenseNumber	FromInventoryExternalIdentifier	ToInventoryExternalIdentifier	Quantity	TransferDate	ExternalIdentifier
5	654321	112233	Inv00004	Edible0001	100	08/15/2021	InvTran0001

Figure 4 InventoryTransfer.csv File Screenshot with example data. (CreatedBy/Date, UpdatedBy/Date & Operation columns not pictured)

### InventoryTransfer.csv Data Template

A Comma Separated Values (.csv) file data template is provided at <https://lcb.wa.gov/ccrs/resources>

### Field Definitions

#### FromLicenseNumber

Type: Text

Length: 10

Required: Insert Update & Delete

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

Valid Values: Licensee.LicenseNumber

#### ToLicenseNumber

Type: Text

Length: 10

Required: Insert Update & Delete

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

Valid Values: Licensee.LicenseNumber



## Washington State Liquor and Cannabis Board

---

### FromInventoryExternalIdentifier

---

Type: Text

Length: 100

Required: Insert Update & Delete

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

Valid Values: [Inventory.ExternalIdentifier](#)

### ToInventoryExternalIdentifier

---

Type: Text

Length: 100

Required: Insert Update & Delete

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

Valid Values: [Inventory.ExternalIdentifier](#)

### Quantity

---

Type: Decimal

Required: Insert Update & Delete

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

Valid Values: Numeric

### TransferDate

---

Type: Date

Format: mm/dd/yyyy

Required: Insert Update & Delete

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



## Lab Test File Specifications

What were the results of the inventory's lab test? Lab tests refer to the outcome of the QA testing records that can be associated with inventory.

### File Dependencies

The lab test record is dependent on an existing inventory external identifier to be tested, this inventory record must be submitted in a prior or the current submission.

	A	B	C	D	E	F	G	H
1	SubmittedBy	SmithJ						
2	SubmittedDate	08/12/2021						
3	NumberRecords	1						
4	LicenseNumber	InventoryExternalIdentifier	LabLicenseNumber	LabTestStatus	TestName	TestDate	TestValue	ExternalIdentifier
5	654321	INV0002	665544	InProcess	Cannabinoid D9 THCA Percent	08/12/2021	17%	Tst0000001

Figure 5 LabTest.csv File Screenshot with example data. (CreatedBy/Date, UpdatedBy/Date & Operation columns not pictured)

### LabTest.csv Data Template

A Comma Separated Values (.csv) file data template is provided at <https://lcb.wa.gov/ccrs/resources>

### Field Definitions

#### LabLicenseNumber

Type: Numeric

Length: 10

Required: Insert Update & Delete

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

Valid Values: Licensee.LicenseNumber

#### LabTestStatus

Type: Text

Length: 50

Required: Insert Update & Delete

Definition: The current status of the lab test.

Valid Values	
Required	Not Required
Pass	Fail
Fail – Extractable Only	Fail – Retest Allowed
Fail - Retest Allowed Extractable Only	In Process
Sample Created	



## Washington State Liquor and Cannabis Board

---

### InventoryExternalIdentifier

---

Type: Text

Length: 100

Required: Insert Update & Delete

Definition: The licensee/integrator assigned identifier for the inventory that samples were submitted to the lab for testing

Valid Values: [Inventory.ExternalIdentifier](#)

### TestName

---

Type: Text

Length: 100

Required: Insert Update & Delete

Definition: Name of the test that was done. For example, 'Cannabinoid D9 THCA Percent'

### TestDate

---

Type: Date

Format: mm/dd/yyyy

Required: Insert Update & Delete

Definition: The user submitted date the test was done

### TestValue

---

Type: Text

Length: 25

Required: Insert Update & Delete

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



## Plant File Specifications

Plants represent individual plants at a licensed facility that are in their vegetative or flowering phases. Once plants are no longer living at the facility, their stage denotes their disposition, such as "harvested", "destroyed", "transferred", or "seized". Since immature plants (propagation material such as seeds, clones, and tissue culture) are treated as "inventory", plant records are not created for these immature plants until they reach their vegetative phase.

## File Dependencies

The plant record submission is dependent on existing records in Area, Strain and Plant (A reference to another plant record to indicate the MotherPlant)

	A	B	C	D	E	F	G	H	I	J	K	L
1	SubmittedBy	Jane Doe										
2	SubmittedDate	08/01/2021										
3	NumberRecords	8										
4	LicenseNumber	PlantIdentifier	Area	Strain	PlantSource	PlantState	GrowthStage	HarvestCycle	MotherPlantExternalIdentifier	HarvestDate	IsMotherPlant	ExternalIdentifier
5	654321	Plant_651	GrowRoom1	OG Kush	Clone	Growing	Flowering	9	Plant-55		FALSE	Plant_651
6	654321	Plant_652	GrowRoom1	OG Kush	Clone	Growing	Flowering	9	Plant-55		FALSE	Plant_652
7	654321	Plant_653	GrowRoom1	OG Kush	Clone	Growing	Flowering	9	Plant-55		FALSE	Plant_653
8	654321	Plant_654	GrowRoom1	OG Kush	Clone	Growing	Flowering	9	Plant-55		FALSE	Plant_654
9	654321	Plant_655	GrowRoom1	OG Kush	Clone	Growing	Flowering	9	Plant-55		FALSE	Plant_655
10	654321	Plant_656	GrowRoom1	OG Kush	Clone	Growing	Flowering	9	Plant-55		FALSE	Plant_656
11	654321	Plant_657	GrowRoom1	OG Kush	Clone	Growing	Flowering	9	Plant-54		FALSE	Plant_657
12	654321	Plant_658	GrowRoom1	OG Kush	Clone	Growing	Flowering	9	Plant-54		FALSE	Plant_658

Figure 6 Plant.csv File Screenshot with example data. (CreatedBy/Date, UpdatedBy/Date & Operation columns not pictured)

## Plant.csv Data Template

A Comma Separated Values (.csv) file data template is provided at <https://lcb.wa.gov/ccrs/resources>

## Field Definitions

### Area

Type: Text

Length: 75

Required: Insert Update & Delete

Definition: The name of the area associated with this record

Valid Values: [Area.Area](#)

### Strain

Type: Text

Length: 50

Required: Insert Update & Delete

Definition: The name of the strain associated with this record

Valid Values: [Strain.Name](#)



### PlantSource

---

Type: Text

Length: 50

Required: Insert Update & Delete

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

Valid Values
Clone
Seed

### PlantState

---

Type: Text

Length: 50

Required: Insert Update & Delete

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

Valid Values	
Growing	Drying
Partially Harvested	Harvested
Quarantined	Destroyed
Inventory	Sold

### GrowthStage

---

Type: Text

Length: 50

Required: Insert Update & Delete

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

Valid Values
Immature
Vegetative
Flowering

### HarvestCycle

---

Type: Text

Length: 50

Required: Insert Update & Delete

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

Valid Values: 3,6,9,12



## Washington State Liquor and Cannabis Board

---

### **MotherPlantExternalIdentifier**

---

Type: TextLength: 100

Definition: The licensee/integrator assigned identifier for the mother plant associated with this record

Valid Values: Plant.ExternalIdentifier

### **PlantIdentifier**

---

Type: Text

Length: 100

Required: Insert Update & Delete

Definition: The unique identifier for the plant. This may or may not be different than the Plant.ExternalIdentifier

Valid Values: Plant.PlantExternalIdentifier

### **HarvestDate**

---

Type: Date

Format: mm/dd/yyyy

Required: Insert Update & Delete

Definition: The user submitted date the plant was harvested

### **IsMotherPlant**

---

Type: Boolean

Required: Insert Update & Delete

Definition: Determines whether the plant record is a mother plant or not

Valid Values: TRUE / FALSE





## Plant Destruction File Specifications

Plant destructions record the event that removes a plant for a defined reason.

### File Dependencies

The plant destruction record is dependent on an existing Plant record submitted in this submission or prior submission.

	A	B	C	D	E	F	G	H	I	J	K
1	SubmittedBy	John Doe									
2	SubmittedDate	08/01/2021									
3	NumberRecords	2									
4	LicenseNumber	PlantExternalIdentifier	DestructionReason	DestructionMethod	DestructionDate	ExternalIdentifier	CreatedBy	CreatedDate	UpdatedBy	UpdatedDate	Operation
5	123456	Plant-109	Mites	Grind	08/01/2021	PlantDes-109	John Doe	08/01/2021			Insert
6	123456	Plant-110	Mites	Grind	08/01/2021	PlantDes-110	John Doe	08/01/2021			Insert

Figure 7 PlantDestruction.csv File Screenshot with example data. (CreatedBy/Date, UpdatedBy/Date & Operation columns not pictured)

### PlantDestruction.csv Data Template

A Comma Separated Values (.csv) file data template is provided at <https://lcb.wa.gov/ccrs/resources>

### Field Definitions

#### PlantExternalIdentifier

Type: Text

Length: 100

Required: Insert Update & Delete

Definition: The licensee/integrator assigned identifier for the plant that was destroyed

Valid Values: Plant.ExternalIdentifier

#### DestructionReason

Type: Text

Length: 50

Required: Insert Update & Delete

Definition: The reason for destroying the plant.

Valid Values
Plant Died
Contamination
Too Much Water
Too Little Water
Male Plant
Mites
Other



#### **DestructionMethod**

---

Type: Text

Length: 50

Required: Insert Update & Delete

Definition: The method used to destroy the plant.

Valid Values: Compost, Grind, Other

#### **DestructionDate**

---

Type: Date

Format: mm/dd/yyyy

Required: Insert Update & Delete

Definition: The user submitted date the destruction was created



## Plant Transfer File Specifications

The Plant Transfer record represents a plant received by the facility indicates when it was received. Plant Transfers record the receipt of plants transferred into a licensee's possession.

### File Dependencies

Existing Plant records are required to be submitted prior to this submission, or as a part of this submission indicated by ExternalPlantIdentifier.

	A	B	C	D	E	F	G	H	I	J	K
1	SubmittedBy	Jane Doe									
2	SubmittedDate	08/08/2021									
3	NumberRecords	8									
4	FromLicenseNumber	ToLicenseNumber	FromExternalPlantIdentifier	ToExternalPlantIdentifier	TransferDate	ExternalIdentifier	CreatedBy	CreatedDate	UpdatedBy	UpdatedDate	Operation
5	123456	654321	Plant-101	Plant_651	08/08/2021	PT_0101	Jane Doe	08/08/2021			Insert
6	123456	654321	Plant-102	Plant_652	08/08/2021	PT_0102	Jane Doe	08/08/2021			Insert
7	123456	654321	Plant-103	Plant_653	08/08/2021	PT_0103	Jane Doe	08/08/2021			Insert
8	123456	654321	Plant-104	Plant_654	08/08/2021	PT_0104	Jane Doe	08/08/2021			Insert
9	123456	654321	Plant-105	Plant_655	08/08/2021	PT_0105	Jane Doe	08/08/2021			Insert
10	123456	654321	Plant-106	Plant_656	08/08/2021	PT_0106	Jane Doe	08/08/2021			Insert
11	123456	654321	Plant-107	Plant_657	08/08/2021	PT_0107	Jane Doe	08/08/2021			Insert
12	123456	654321	Plant-108	Plant_658	08/08/2021	PT_0108	Jane Doe	08/08/2021			Insert

Figure 8 PlantTransfer.csv File Screenshot with example data. (CreatedBy/Date, UpdatedBy/Date & Operation columns not pictured)

### PlantTransfer.csv Data Template

A Comma Separated Values (.csv) file data template is provided at <https://lcb.wa.gov/ccrs/resources>

### Field Definitions

#### FromLicenseNumber

Type: Text

Length: 10

Required: Insert Update & Delete

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

Valid Values: Licensee.LicenseNumber

#### ToLicenseNumber

Type: Text

Length: 10

Required: Insert Update & Delete

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

Valid Values: Licensee.LicenseNumber



## Washington State Liquor and Cannabis Board

---

### **FromPlantExternalIdentifier**

---

Type: Text

Length: 100

Required: Insert Update & Delete

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

Valid Values: Plant.ExternalIdentifier

### **ToPlantExternalIdentifier**

---

Type: Text

Length: 100

Required: Insert Update & Delete

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

Valid Values: Plant.ExternalIdentifier

### **TransferDate**

---

Type: Date

Format: mm/dd/yyyy

Required: Insert Update & Delete

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



## Product File Specifications

Product is a distinct type of item with attributes that distinguish it from other item types.

	A	B	C	D	E	F	G	H	I	J	K	L
1	SubmittedBy	Jane Doe										
2	SubmittedDate	08/10/2021										
3	NumberRecords	4										
4	LicenseNumber	InventoryCategory	InventoryType	Name	Description	UnitWeightGrams	ExternalIdentifier	CreatedBy	CreatedDate	UpdatedBy	UpdatedDate	Operation
5	654321	HarvestedMaterial	WetFlower	HarvestedFl	1 Ounce Recently harvested flower still wet	28	WetFlowerINV	John Doe	08/10/2021			Insert
6	654321	IntermediateProduct	Infused Cooking Medium	THCButter	1 Ounce of THC Butter	28	THCButterINV	John Doe	08/10/2021			Insert
7	654321	EndProduct	Solid Edible	Brownies	1 Package of 10 Brownie Edibles	10	BrownieINV	John Doe	08/10/2021			Insert
8	654321	EndProduct	Sample Jar	Sample	Sample to be sent to lab	2	SampleINV	John Doe	08/10/2021			Insert

Figure 9 Product.csv File Screenshot with example data. (CreatedBy/Date, UpdatedBy/Date & Operation columns not pictured)

## Product.csv Data Template

A Comma Separated Values (.csv) file data template is provided at <https://lcb.wa.gov/ccrs/resources>

## Field Definitions

### InventoryCategory

Type: Text

Length: 50

Required: Insert Update & Delete

Definition: The inventory category.

#### Valid Values

Propagation Material

Harvested Material

Intermediate Product

End Product



## Washington State Liquor and Cannabis Board

### InventoryType

Type: Text

Length: 50

Required: Insert Update & Delete

Definition: The product type.

Valid Values: (InventoryCategory determines valid value options, one column below for each valid InventoryCategory)

PropegationMaterial	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

### Name

Type: Text

Length: 75

Required: Insert Update & Delete

Definition: The name associated with the product

### Description

Type: Text

Length: 250

Required: Optional

Definition: The product description



## Sale File Specifications

Sales represent both wholesale and retail transactions of inventory and plants and defines the quantity and date of a sale.

### File Dependencies

The sale record depends on existing records in the Plant and Inventory Submissions. These are to be submitted prior to this submission or in the same submission.

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	SubmittedBy	JohnSmith											
2	SubmittedDate	08/17/2021											
3	NumberRecords	1											
4	LicenseNumber	SoldToLicenseNumber	InventoryExternalIdentifier	PlantExternalIdentifier	SaleType	SaleDate	Quantity	UnitPrice	Discount	SalesTax	OtherTax	SaleExternalIdentifier	SaleDetailExternalIdentifier
5	112233		Edible0001		RecreationalRetail	08/17/2021	1	28	0	8		2 Retail00000001	Retail00000001d

Figure 10 Sale.csv File Screenshot with example data. (CreatedBy/Date, UpdatedBy/Date & Operation columns not pictured)

### Sale.csv Data Template

A Comma Separated Values (.csv) file data template is provided at <https://lcb.wa.gov/ccrs/resources>

### Field Definitions

#### InventoryExternalIdentifier

Type: Text

Length: 100

Required: Insert Update & Delete

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

Valid Values: Inventory.ExternalIdentifier

#### PlantExternalIdentifier

Type: Text

Length: 100

Required: Insert Update & Delete

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

Valid Values: Plant.ExternalIdentifier

#### Quantity

Type: Decimal

Required: Insert Update & Delete

Definition: The quantity sold

#### UnitPrice

Type: Decimal

Required: Insert Update & Delete

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



## Washington State Liquor and Cannabis Board

---

### Discount

---

Type: Decimal

Required: Optional

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

### SalesTax

---

Type: Decimal

Required: Insert Update & Delete

Definition: The total in US Dollars of the sales tax

### OtherTax

---

Type: Decimal

Length: /

Required: Insert Update & Delete

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

### SoldToLicenseNumber

---

Type: Number

Length: 6

Required: Insert Update & Delete

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

Valid Values: Licensee.LicenseNumber

### SaleType

---

Type: Text

Length: 50

Required: Insert Update & Delete

Definition: The type of sale

Valid Values: RecreationalRetail, RecreationalMedical, Wholesale

### SaleDate

---

Type: Date

Format: mm/dd/yyyy

Required: Insert Update & Delete

Definition: The user submitted date of the sale transaction

### SaleExternalIdentifier

---

Type: Text

Length: 100

Required: Insert Update & Delete

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

Valid Values: Sale.ExternalIdentifier





# Washington State Liquor and Cannabis Board

---

## SaleDetailExternalIdentifier

---

Type: Text

Length: 100

Required: Insert Update & Delete

Definition: The licensee/integrator assigned identifier for the sale items

(InventoryExternalIdentifier, PlantExternalIdentifier, Quantity, UnitPrice, Discount, SalesTax, OtherTax, ExternalIdentifier)

Valid Values: Sale.ExternalIdentifier



## Strain File Specifications

---

A strain record represents a specific sub species of cannabis.

Strain is the only data model element that does not include Operation as one of the columns, therefore records can only be created not updated or deleted. Columns UpdatedBy and UpdatedDate have been omitted from strain.csv as well.

	A	B	C	D
1	SubmittedBy	John Smith		
2	SubmittedDate	08/15/2021		
3	NumberRecords	1		
4	Strain	StrainType	CreatedBy	CreatedDate
5	OG Kush	Indica	John Smith	08/15/2021

Figure 11 Strain.csv File Screenshot with example data. (CreatedBy/Date, UpdatedBy/Date & Operation columns not pictured)

### Strain.csv Data Template

A Comma Separated Values (.csv) file data template is provided at <https://lcb.wa.gov/ccrs/resources>

### Field Definitions

#### Strain

---

Type: Text

Length: 50

Required: Yes

Definition: The name associated with the strain

#### StrainType

---

Type: Text

Length: 50

Required: Yes

Definition: The strain type

Valid Values: Indica, Sativa, Hybrid