USPS Pricing Engine

Web Service Software Development Kit (SDK)

Guide to help developers integrate the Pricing Engine SDK into their applications.
USPS Pricing Engine

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**Web Service Software Development Kit Overview**

This software development kit (SDK) is intended to provide software and Internet developers with the ability to integrate postage rate information into programs and/or web sites.

**Licenses and Liability**

The information and components contained within this SDK may be distributed only to individuals who have signed the USPS User License and may only be used in accordance with the terms of the USPS User License. The USPS assumes no liability for the incorrect implementation of this SDK once it has been incorporated into a client product. The USPS will supply upgrades to the data and/or the objects when needed, but it assumes no part in distribution of these upgrades once the engine has been integrated into client products.

**Purpose**

This document will explain the Domestic and International Pricing EngineWC3 Web Service Interface.

**Contact Information**

For Technical Support, contact:
Email: RCalcPEPMOSupport@usps.gov

For USPS Support, contact USPS:
Email: PostalExplorer@usps.com
Application Programming Interface (API)

Overview
The Pricing Engine is built using the Model, View, Controller (MVC) design pattern and should be used as a black box. All of the Pricing Engine behavior is provided by making calls to methods that are part of two interface classes named PostOfficeServices and PricingServices.

Working IDs
The Pricing Engine does not enumerate the ID. This was done to allow for greater flexibility. As new services are added the ID of that service only needs to be known to the service itself. The user of the Pricing Engine should not hard code any IDs into their application because services and IDs may change over time. To get the ID of a service, the developer should request the services by specifying to know mail properties and then use the ID of the desired service from the results returned.

Domestic Pricing Engine Interface
The following operations are defined for the Domestic Pricing Engine. See “Pricing Engine Design Model.pdf” for details.

PostOfficeServices Class

GetLocations Method

Description
This method is used to get locations by specifying a list of ZIP Codes. The similar method with the forDate input parameter changes the behavior to produce results available as of the date specified.

Syntax
GetLocations(in zipCodes : ZipCode[]) : Location[]
GetLocations(in zipCodes : ZipCodeCollection, in forDate : DateTime) : Location[]

GetMailingRestrictions Method

Description
This method is used to get the mailing restrictions for a specified ZIP Code or collection of ZIP Codes. The similar method with the forDate input parameter changes the behavior to produce results available as of the date specified.

Syntax
GetMailingRestrictions(in zipCodes : ZipCode[]) : MailingRestriction[]
GetMailingRestrictions(in zipcodes : ZipCodeCollection, in forDate : DateTime) : MailingRestriction[]
**GetZone Method**

Description
The method is used to get the zone information between origination and destination ZIP codes. The similiar method with the forDate input parameter changes the behavior to produce results available as of the date specified.

Syntax
GetZone(in originZIPCode : ZipCode, in destinationZIPCode: ZipCode) : Zone
GetZone(in originZIPCode : ZipCode, in destinationZIPCode: ZipCode, in forDate : DateTime) : Zone

**GetZones Method**

Description
The method is used to get the zone information for a 3-digit ZIP Code. When the ZIP Code collection contains more than a single 3-digit ZIP Code, zone information is returned to each ZIP Code passed. The similiar method with the forDate input parameter changes the behavior to produce results available as of the date specified.

Syntax
GetZones(in zipCodes : ZipCode[]) : Zone[]
GetZones(in zipCodes : ZipCodeCollection, in forDate : DateTime) : Zone[]

---

**PricingServices Class**

**CalculateServicePrice Method**

Description
This method is used to calculate the total cost of a selected mail service and any selected extra services.

Syntax
CalculateServicePrice(in request : WSCalculationRequest) : CalculatedPricing

**GetExtraServicesWithPricing Method**

Description
This method is used to get a specified list of extra service with the price of each.

Syntax
GetExtraServicesWithPricing(in extraServicesRequest: WSExtraServicesRequest) : ExtraServicesWithPricing

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**GetServiceCommitments Method**

Description
This method is used to get the mailing service commitments for the specified request. The caller is required to specify the following:
- Origin ZIP Code
- Destination ZIP Code
- Shipping date/time
- Mail shape and size

Syntax
GetServiceCommitments(in servicesRequest : WSServicesRequest) : ServiceCommitment[]

**GetServiceWithPricing Method**

Description
This method is used to get a list of mailing services with associated extra services for the specified mail piece attributes.

Syntax
GetServiceWithPricing(in request : ServiceRequest) : ServiceWithPricing

**GetMailingFees Method**

Description
The method is used to get the Mailing Fee for a specified key.

Syntax
GetMailingFees(in mailingFeeRequest : MailingFeeRequest) : MailingFee

**Validate Method**

Description
This method is used to validate the specified mail properties. The method will return origin and destination location objects.

Syntax
Validate(in servicesRequest : WSServicesRequest) : Location[]

**WSCalculationRequest Class**

Base Class
WSServicesRequest

Properties
Selections : CalculationSelections

USPS Pricing Engine Web Services SDK version 11.5.2.0
IsExtraServiceConversational : bool

CalculatedPricing Class

Base Class
None

Properties
Geography : Geography
Commitments : ServiceCommitment[]
Restrictions : MailingRestriction[]
Service : PostageService
Annotations : Annotation[]
Totals : PostagePrice[]
Effective : DateTime

CalculationSelections Class

Base Class
None

Properties
MailServiceID : MailServiceID
DeliveryOptionKey : string
ExtraServices : ExtraServiceID[]

WSExtraServicesRequest Class

Base Class
None

Properties
IDCard : IDCard
Weight : Weight
ExcludeSections : ResultSection[]
MailServiceID : MailServiceID
ExtraServices : ExtraServiceID[]
ExtraServiceParameters : AdditionalInputValue[]
ShippingDateTime : DateTime

ExtraServicesWithPricing Class

Base Class
None
Properties
ExtraServices : ExtraPostageService[]
Annotations : Annotation[]
Effective : DateTime

Geography Class
Base Class
None

Properties
DestinationCity : string
DestinationState : string
DestinationIsAPO : bool
OriginCity : string
OriginState : string
OriginIsAPO : bool
Zone : int
IsLocal : bool
CommonNDC : bool

MailingFee Class
Base Class
None

Properties
Cost : decimal
FeeKey : string
Price : decimal
ValueKey : string
ValueKeyLowerLimit : decimal
ValueKeyUpperLimit : decimal
Effective : DateTime

WSMailingFeeRequest Class
Base Class
None

Properties
IDCard : IDCard
FeeKeys : MailingFeeRequest .FeeKey []
QueryValue : decimal
ShippingDateTime : DateTime

USPS Pricing Engine Web Services SDK version 11.5.2.0
MailingFeeRequest .FeeKey Class

Base Class
None

Properties
Value : string

WSMailPieceAttributes Class

Base Class
None

Properties
Origin : LocationAttributes
Destination : LocationAttributes
ShippingDateTime : DateTime
Dimensions : Dimensions
Weight : Weight
MailShapeAndSizes : MailShapeAndSize[]
MailPieceContents : MailPieceContent[]
MailEntryPoint : DestinationEntry.EntryValue
Sortation : string

DestinationEntry.EntryValue Enumerator
None
DNDC
DSCF
DDU
DFSS

MailPieceAttributes.LocationAttributes Class

Base Class
None

Properties
ZIP : ZipCode
IsPOBox : bool
**MailPieceContent Class**

Base Class
None

Properties
Key : string

---

**WSServicesRequest Class**

Base Class
None

Properties
IDCard : IDCard
MailPieceAttributes : WSMailPieceAttributes
ExcludeSections : ResultSection[]
ExtraServiceParameters : AdditionalInputValue[]

---

**ServiceWithPricing Class**

Base Class
None

Properties
Geography : Geography
Commitments : ServiceCommitment[]
Restrictions : MailingRestriction[]
Services : PostageService[]
Annotations : Annotation[]
Effective: DateTime
**International Pricing Engine Interface**

The following operations are defined for the International Pricing Engine. See “Pricing Engine Design Model.pdf” for details.

**PostOfficeServices Class**

**GetCountries Method**

**Description**
The method is used to get the collection of countries.

**Syntax**

\[\text{GetCountries}() : \text{Country[]}\]

**GetCountriesForDate Method**

**Description**
The method is used to get the collection of countries as of the “forDate”.

**Syntax**

\[\text{GetCountries}(\text{in forDate : DateTime}) : \text{Country[]}\]

**GetCountryInformation Method**

**Description**
The method is used to get the Country Information for a specific country. This includes the country price group, prices and other guideline.

**Syntax**

\[\text{GetCountryInformation}(\text{in country : Country, in calculatorID : CalculatorID}) : \text{CountryInformation}\]

**GetCountryInformationForDate Method**

**Description**
The method is used to get the Country Information for a specific country as of the “forDate”. This includes the country price group, prices and other guideline.

**Syntax**

\[\text{GetCountryInformationForDate}(\text{in country : Country, in shippingDate : DateTime}) : \text{CountryInformation}\]

**GetCountryRegulations Method**

**Description**
The method is used to get the collection of Regulations for a specific country.

**Syntax**

\[\text{GetCountryRegulations}(\text{in country : Country}) : \text{CountryRegulation}[]\]
**GetCountryRegulationsForDate Method**

Description
This method is used to get the collection of Regulations for a specific country as of the “forDate”.

Syntax
GetCountryRegulationsForDate(in country : Country, in forDate : Datetime) : CountryRegulation[]

**ValidateCountry Method**

Description
This method is used to discover if a specified country is valid.

Syntax
ValidateCountry(in countryID : CountryID) : void

**ValidateCountryForDate Method**

Description
This method is used to discover if a specified country is valid as of the “forDate”.

Syntax
ValidateCountryForDate(in countryID : CountryID, in forDate : DateTime) : void

---

**PricingServices Class**

**CalculateServicePrice Method**

Description
This method is used to calculate the total cost of a selected mail service and any selected extra services.

Syntax
CalculateServicePrice(in request : WSCalculationRequest) : CalculatedPricing

**GetExtraServicesWithPricing Method**

Description
This method is used to get a specified list of extra service with the price of each.

Syntax
GetExtraServicesWithPricing (in extraServicesRequest : WSExtraServicesRequest) : ExtraServicesWithPricing
**GetServicesWithPricing Method**

**Description**
This method is used to get a list of mailing services with associated extra services for the specified mail piece attributes.

**Syntax**
GetServicesWithPricing(in servicesRequest : WSServicesRequest) : ServicesWithPricing

**GetMailingFees Method**

**Description**
The method is used to get the Mailing Fee for a specified key. The Mailing Fee Request can contain a list of keys or a single key path with dots "." delimiters. If the full key path is not specified the result will be in the form of a tree with the end of each branch containing the price, cost, value key, and value limits. If the QueryValue is specified the results will be filtered using the value limits. If the value key of all the result mailing fee matches, the value is applied to calculate the Cost.

**Request Key Example:**
internationalBusinessReply.Card

or

internationalBusinessReply
Card

**Query Value Example:**
Request:
    QueryValue = 10
    FeeKey = “internationalBusinessReply.Card”
Results:
    Price = 0.13
    Cost = 1.30

**Syntax**
GetMailingFees(in mailingFeeRequest : MailingFeeRequest) : MailingFee

**Validate Method**

**Description**
This method is used to validate the specified mail properties.

**Syntax**
Validate(servicesRequest : WSServicesRequest) : void
CalculatedPricing Class

Base Class
None

Properties
Geography : Geography
Commitments : ServiceCommitment[]
Service : PostageService
Annotations : Annotation[]
Totals : PostagePrice[]
Regulations : CountryRegulation
GXGLocations : GXGLocation[]
Effective: DateTime

WSCalculationRequest Class

Base Class
ServicesRequest

Properties
Selections : CalculationSelections
IsExtraServiceConversational : bool

CalculationSelections Class

Base Class
None

Properties
MailServiceID : MailServiceID
DeliveryOptionKey : string
ExtraServices : ExtraServiceID[]

Geography Class

Base Class
None

Properties
ID : CountryID
Name : string
Code : string
Number : string
**WSExtraServicesRequest Class**

Base Class
None

Properties
- IDCard : IDCard
- Weight : Weight
- ExcludeSections : ResultSection[]
- MailServiceID : MailServiceID
- ExtraServices : ExtraServiceID[]
- ExtraServiceParameters : AdditionalInputValue[]
- ShippingDateTime : DateTime

---

**ExtraServicesWithPricing Class**

Base Class
None

Properties
- ExtraServices : ExtraPostageService[]
- Annotations : Annotation[]
- Effective : DateTime

---

**WSMailingFeeRequest Class**

Base Class
None

Properties
- IDCard : IDCard
- FeeKeys : MailingFeesRequest.FeeKeyCollection
- QueryValue : decimal
- ShippingDateTime : DateTime

---

**MailingFee Class**

Namespace

Base Class
None

Properties
- Cost : decimal
- FeeKey : string

USPS Pricing Engine Web Services SDK version 11.5.2.0
Price : decimal
ValueKey : string
ValueKeyLowerLimit : decimal
ValueKeyUpperLimit : decimal
Effective : DateTime

---

**MailingFeeRequest .FeeKey Class**

**Namespace**

**Base Class**
None

**Properties**
Value : string

---

**WSMailPieceAttributes Class**

**Base Class**
None

**Properties**
Origin : LocationAttributes
Destination : LocationAttributes
ShippingDateTime : DateTime
Dimensions : Dimensions
Weight : Weight
MailShapeAndSizes : MailShapeAndSize[]
MailPieceContents : MailPieceContent[]

---

**MailPieceAttributes.LocationAttributes Class**

**Base Class**
None

**Properties**
CountryID : CountryID
CountryName : string
CountryCode : string
CountryNumber : string
PostalCode : string
IsPOBox : bool

---

USPS Pricing Engine Web Services SDK version 11.5.2.0
WSServicesRequest Class

Base Class
None

Properties
IDCard : IDCard
MailPieceAttributes : WSMailPieceAttributes
ExcludeSections : ResultSection[]
ExtraServiceParameters : AdditionalInputValue[]

ServicesWithPricing Class

Base Class
None

Properties
Geography : Geography
Commitments : ServiceCommitment[]
Services : PostageService[]
Regulations : CountryRegulation
GXGLocations : GXGLocation[]
Annotations : Annotation[]
Errors : PricingEngineError[]
Effective: DateTime
Rate Engine Framework

AdditionalInputValue

Base Class
None

Properties
TypeID : string
EnteredValue : decimal

Annotation Class

Base Class
None

Properties
Text : string
Associations : Association[]

Country Class

Base Class
None

Properties
CountryID : CountryID
Name : string
NameParts : string[]
Code : string
CountryNumber : string
TypeOf : short
Status : CountryStatus
IsDisplayed : bool
ShowOnlinePrice : bool
MaxWeight : Weight
IsParent : bool
Aka : CountryAlias[]

Country.Status Enumerator
Unknown
Normal
NoOnlineService
ServiceSuspended
CountryAlias Class

Base Class
None

Properties
Alias : string

CountryID Structure

Base Class
None

Properties
Value : int

CountryInformationItem Class

Base Class
None

Properties
CountryToMailService : CountryToMailService
CountryToExtraServices : CountryToExtraService[]
Price : decimal
OnlinePrice : decimal
CommercialPlusPrice : decimal

CountryRegulation Class

Base Class
None

Properties
Country : Country
Prohibitions : string
Restrictions : string
Observations : string
CustomsForms : string
ExpressMailRegulations : string
ExpressMailNote : string
AdditionalRestrictions : string
CountryToMailService Class

Base Class
None

Properties
ServiceTitle : string
MailServiceID : MailServiceID
IsAvailable : bool
WeightLimit : Weight
WeightLimitOperator : Weight.WeightOperator
weightMin : Weight
WeightMinOperator : Weight.WeightOperator
InsuranceMax : decimal
Zone : short
EstimatedDeliveryTime : string
DimensionalRange : DimensionalRange

CountryToExtraService Class

Base Class
None

Properties
ServiceTitle : string
ExtraServiceID : ExtraServiceID
IsAvailable : bool
Price : decimal
OnlinePrice : decimal

Dimensions Class

Base Class
None

Properties
Length : Dimension
Width  : Dimension
Height  : Dimension
Girth : Dimension
IsRectangular : bool
RoundDownToQuarterInch : bool
**DimensionalRange Class**

Base Class
None

Properties
MaxLength : Dimension
MaxWidth : Dimension
MaxHeight : Dimension
MaxLengthPlusGirth : Dimension
MaxLWH : Dimension
MinLength : Dimension
MinWidth : Dimension
MinHeight : Dimension
MinThickness : Dimension
Text : string
AdditionalSizes : DimensionalRange[]

---

**ExtraPostageService Class**

Base Class
None

Properties
ID : ExtraServiceID
Name : string
GroupCode : string
Prices : PostagePrice[]
AdditionalFields : AdditionalInput[]
Attributes : PostageAttribute[]

---

**ExtraPostageService.AdditionalInput Class**

Base Class
None

Properties
Key : string
Min : decimal
Max : decimal

---

**ExtraServiceID Structure**

Base Class
None

USPS Pricing Engine Web Services SDK version 11.5.2.0
Properties
Value : int

GXGLocation Class

Base Class
None

Properties
LocationName : string
Street : string
City : string
State : string
ZipCode ZipCode :
WeekdayCutOff : string
SaturdayCutOff : string

IDCard Class

Base Class
None

Properties
CallerID : string
SourceID : string
CustomerType : string

Location Class

Base Class
None

Properties
ZipCode : ZipCode
City : string
State : string
FinanceCode : string
IsApo : bool
ClassificationCode : string
IsValid : bool
IsMailable : bool
IsHoldForPickupAvailable : bool
IsSundayHolidayAvailable : bool
NonDeliveryDays : DayOfWeek[]
PremiumDays : DayOfWeek[]

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LocationType : TypeOfLocation
IsPOBox : bool

TypeOfLocation Enumerator
Origination
Destination
Neither

MailingRestriction Class

Base Class
None

Properties
ZipCode : ZipCode
Restrictions : Restriction[]

MailingRestriction.Restriction Class

Base Class
None

Properties
Code : string
Description : string

MailServiceID Structure

Base Class
None

Properties
Value : short

MailShapeAndSizeEnum Enumerator
Unknown
Letter
LetterLarge
Package
Postcard
FlatRateBox
FlatRate
ExpressMailServices
PriorityMailServices
FirstClassMailServices
PostalServices
FlatRateEnvelope

---

**PostageAttribute**

**Base Class**
None

**Properties**
Key : string
Value : string

---

**PriceDetail Class**

**Base Class**
None

**Properties**
Key : string
Value : string

---

**PostagePrice Class**

**Base Class**
None

**Properties**
Amount : decimal
Type : string
Details : PriceDetail[]

---

**PostageService Class**

**Base Class**
None

**Properties**
ID : MailServiceID
Name : string
DeliveryOptions : DeliveryOption[]
GroupCode : string
MaxWeight : Weight
MinWeight : Weight

USPS Pricing Engine Web Services SDK version 11.5.2.0
DimensionalRange : DimensionalRange
ExtraServices : ExtraPostageService[]
Attributes : PostageAttribute[]

PostageService.DeliveryOption Class

Base Class
None

Properties
Key : string
Commitment : string
Name : string
Prices : PostagePrice[]

ResultSection Class

Base Class
None

Properties
Key : ResultSection.SectionType

ResultSection.SectionType Enumerator
Unknown
CountryRegulations
DimensionalRange
ExtraServices
Geography
GXGLocations
PriceDetails
Restrictions
ServiceCommitments
Annotations
Breadcrumb
RelatedLinks
HelpLinks
Notes
Footnotes
ServiceCommitmentCall
**Weight Class**

Base Class
None

**Properties**
- Ounces : decimal
- Pounds : decimal
- Units : WeightUnit

**Weight.WeightUnit Enumerator**
Unknown
Ounces
Pounds

**ZipCode Structure**

Base Class
None

**Properties**
- Value : string

**Zone Class**

Base Class
None

**Properties**
- OriginZipCode : ZipCode
- DestinationZipCode : ZipCode
- ZoneCount : int
- IsIntraBMC : bool
- IsLocal : bool
- Has5DigitZones : bool
- Zone5DigitZones : Zone5Digit[]

**Zone. Zone5Digit Class**

Base Class
None

**Properties**
- OrigZIPFirst : ZipCode

USPS Pricing Engine Web Services SDK version 11.5.2.0
OrigZIPLast : ZipCode
DestZIPFirst : ZipCode
DestZIPLast : ZipCode
ZoneCount : int
**Service Delivery Extensions**

**DOMESTIC_NAMESPACE**

**OnlineServiceCommitment Class**

Base Class
ServiceCommitment

Properties
EstimatedDeliveryTime : string
DeliveryDateTime : DateTime
IsHoliday : bool
CommitmentName; string
CommitmentTime : string
CommitmentSequence : string
locations : ServiceCommitment.PostalLocation[]
holdForPickupLocations : ServiceCommitment.PostalLocation[]

**ServiceCommitment Class**

Base Class
None

Properties
ServiceCommitmentType : Type
Product : string
ErrorNumber : int
ErrorMessage : string
ServiceCommitmentGuarantee : Guarantee
UsedByMailService : MailServiceID[]

**ServiceCommitment.Guarantee Enumerator**
Unknown
NoGuarantee
MoneyBackGuarantee
LossOnlyGuarantee

**ServiceCommitment.Type Enumerator**
Unknown = 0
ExpressMail
PriorityMail
FirstClassMail
StandardMail
Periodicals

USPS Pricing Engine Web Services SDK version 11.5.2.0
PackageServices

ServiceCommitment.PostalLocation Class

Base Class
None

Properties
CutOff : string
Facility : string
FacilityID : string
Street : string
City : string
State : string
ZipCode : string
ZipCode4 : string
ScheduledDeliveryDate : DateTime
closeTimes : string[]

INTERNATIONAL_NAMESPACE

ExpressMailGuaranteed Class

Base Class
ServiceCommitment

Properties
None

ServiceCommitment Class

Base Class
None

Properties
Type : ServiceCommitmentType
ErrorNumber : int
ErrorMessage : string
DeliveryDate : string
City : string
StateOrProvince : string
ShippingDate : DateTime
ShippingTime : string
UsedByMailService : MailServiceID[]
Appendix

Customer Type Codes
See “Client IDs and Customer Types.pdf” for complete details.
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| 6 | Delivery Time | X | None |
|   |              | A | AM |
|   |              | P | PM |

**Extra Service Group Codes**

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## Attribute Keys

### Domestic

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<td>MailEntry</td>
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<td>Sort</td>
<td>The Sortation</td>
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### International

<table>
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<tr>
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<tbody>
<tr>
<td>IncludedIndemnity</td>
<td>The included Insurance Indemnity for the mail service / weight.</td>
</tr>
<tr>
<td>DeclaredValueSDR</td>
<td>The value with the Special Drawing Right applied to the declare value.</td>
</tr>
<tr>
<td>IncInceNonnegotiableDoc</td>
<td>The Included Insurance amount when the mail piece contains only Nonnegotiable Document(s).</td>
</tr>
<tr>
<td>IncInceMerchandise</td>
<td>The Included Insurance amount when the mail piece contains Merchandise.</td>
</tr>
<tr>
<td>ECOMPRO</td>
<td>Set to True or False to indicate that Priority Mail International mail service is or is not ECOMPRO.</td>
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Content Keys

**Domestic**

<table>
<thead>
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<th>Description</th>
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<tbody>
<tr>
<td>LiveAnimals</td>
<td>The mail piece content is a Live Animal(s). Equivalent to Special Handling - Live Animal Transportation</td>
</tr>
<tr>
<td>DayOldPoultry</td>
<td>The mail piece content is a Live Animal(s) that is Day Old Poultry.</td>
</tr>
<tr>
<td>Hazmat</td>
<td>The mail piece content is Hazmat. Equivalent to Special Handling - Hazardous Material Transportation</td>
</tr>
<tr>
<td>GroundTransportation</td>
<td>The mail piece requires Ground Transportation.</td>
</tr>
<tr>
<td>Nonmachinable</td>
<td>The mail piece is Not Machinable.</td>
</tr>
<tr>
<td>CrematedRemains</td>
<td>The mail piece content is Cremated Remains Equivalent to Special Handling - Cremated Remains</td>
</tr>
<tr>
<td>Perishables</td>
<td>The mail piece content is Perishable. Equivalent to Special Handling - Perishables</td>
</tr>
<tr>
<td>Fragile</td>
<td>The mail piece content is Fragile Equivalent to Special Handling – Fragile</td>
</tr>
<tr>
<td>NonnegotiableDocument</td>
<td>The mail piece contains only Nonnegotiable Document(s).</td>
</tr>
<tr>
<td>nonprofit</td>
<td>The mail piece is being mailed from a nonprofit.</td>
</tr>
<tr>
<td>MedicalSupplies</td>
<td>The mail piece contains medical supplies</td>
</tr>
<tr>
<td>Pharmaceuticals</td>
<td>The mail piece contains pharmaceutical supplies</td>
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</table>

*Note: Content Keys are subject to change.*

**International**

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<th>Description</th>
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<tr>
<td>Nonmachinable</td>
<td>The mail piece is Not Machinable.</td>
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<tr>
<td>CrematedRemains</td>
<td>The mail piece contents Cremated Remains</td>
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<tr>
<td>NonnegotiableDocument</td>
<td>The mail piece contains only Nonnegotiable Document(s).</td>
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<tr>
<td>MedicalSupplies</td>
<td>The mail piece contains medical supplies</td>
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<tr>
<td>Pharmaceuticals</td>
<td>The mail piece contains pharmaceutical supplies</td>
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*Note: Content Keys are subject to change.*

Price Detail Keys

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**International**

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### Sortation Keys

#### Domestic

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*Note: Sortation Keys will be extended as new sortation’s are supported*