



Web Tools Release Notes

Version 1.17

Application: Web Tools APIs
Package Name: 2023 Updates
Package Version: 1.17

Table of Contents

1	Revision History	1
2	Implementation Summary.....	3
2.1	Production Release: January 20, 2023	3
2.2	Production Release: February 23, 2023.....	9
2.3	Production Release: March 30, 2023	10
2.4	Production Release: April 27, 2023.....	10
2.5	Production Release: June 15, 2023	10
2.6	Production Release: July 7, 2023.....	16
2.7	Production Release: July 2023	26
2.8	Production Release: August 2023.....	26
2.9	Production Release: September 2023.....	26
2.10	Production Release: October 2023	26
2.11	Production Release: To Be Determined	26
3	Appendices	28
3.1	Appendix A – Price Calculator and Label APIs.....	28
3.2	Appendix B – Sample API Requests, Responses, and Labels.....	29
3.3	Appendix C – HTTPS/Secure Web Tools APIs.....	39
3.4	Appendix D – Categories for International Shipping Regulatory Mandates	41

1 Revision History

Date	Author	File Version	Change Description
1/9/2023	Maggie Tillar	V1.1	Initial external version
1/19/2023	Maggie Tillar	V1.3	- January 2023 Release section 2.1 moved to 1/20/23 - January Release section 2.1.10 updated
2/16/2023	Maggie Tillar	V1.5	- January Release section 2.1 marked complete (gray font) - February Release section 2.2 added - TBD section 2.11 updated
3/21/2023	Maggie Tillar	V1.7	- February Release section 2.2 marked complete (gray font) - March Release section 2.3 added - TBD section 2.11 updated

			- Appendix B updated
4/21/2023	Maggie Tillar	V1.9	- March Release section 2.3 marked complete (gray font) - April Release section 2.4 added - May Release section 2.5 added - TBD section 2.11 updated - Appendix B updated
5/22/2023	Maggie Tillar	V1.11	- April Release section 2.4 marked complete (gray font) - May Release section 2.5 updated; date changed to June 1, 2023 - June 29 Release section 2.6 added - Appendix B updated
5/31/2023	Maggie Tillar	V1.13	- June 1 Release section 2.5 delayed (new date TBD) - June 29 Release section 2.6 updated
6/14/2023	Maggie Tillar	V1.15	- June Release section 2.5 updated and scheduled for June 15, 2023 - June 29 Release section 2.6 updated
6/28/2023	Maggie Tillar	V1.17	- June 15 Release section 2.5 marked complete (gray font) - June 29 Release section 2.6 date moved to July 7, 2023 - July 7 Release section 2.6 updated - Appendix B updated

2 Implementation Summary

External testing availability via the Web Tools CAT / stg- environment for each release can be found in the respective section below. The external test environment can be accessed, using your production USERID, via the following URL scheme, host and path:

- Secure APIs: <https://stg-secure.shippingapis.com/ShippingApi.dll>

If you receive an authorization error, please contact webtools@usps.gov and include your USERID.

Note: Gray coloring indicates production release changes have been implemented.

2.1 Production Release: January 20, 2023

External testing: Available

The API changes noted below will be released to production in the late-night hours of January 20. USPS is enacting a Price Change on January 22, 2023, which will be available on January 20 when using a ship date of January 22 or beyond. All domestic and international price calculator and shipping label APIs will reflect updated pricing in XML responses, on shipping label images, and in the Shipping Services Files (see Appendix A for full list of price calculator and label APIs). For information on specific prices being updated, please go to about.usps.com/newsroom/national-releases/2022/1110-usps-announces-new-competitive-prices-for-2023.htm. To test updated prices, use a ship date of 1/22/23 or later in our lower testing environments.

Changes beyond basic price updates are explained below, per API.

2.1.1 International Country Name Changes

1. Summary: “Republic of Turkey” will officially be changed to “Republic of Türkiye”. “Türkiye” will be the recognized country short name. The country code of “TR” will remain unchanged.
 - Impacted APIs:
 - IntlRateV2, IntlRate
 - eVSExpressMailIntl
 - eVSPriorityMailIntl
 - eVSFirstClassMailIntl
 - CustomsCN22V2
 - CustomsCP72V3
 - eVSGXGGetLabel
 - Web Tools APIs will accept “Türkiye” with the umlaut special character included and return “Türkiye” on the label and encoded (i.e., “TÜRKIYE”) in the XML response.
 - Web Tools APIs will accept “Turkiye” without the umlaut special character and return “Türkiye” on the label and encoded (i.e., “TÜRKIYE”) in the XML response.
 - Web Tools APIs will accept the umlaut special character URL-encoded and return “Türkiye” on the label and encoded (i.e., “TÜRKIYE”) in the XML response.
 - To mitigate integrator impact, Web Tools will accept the legacy “Turkey” and return “Türkiye” on the label and encoded (i.e., “TÜRKIYE”) in the XML response. However, integrators are recommended to use the updated country name.

2.1.2 Priority Mail International (PMI) Rate Zone Updates to Canada

1. Summary: Current 8 zones for Priority Mail International (PMI) volume going to Canada will be consolidated into one rate zone for all of PMI volume going to Canada. Web Tools APIs will be updated to support accurate pricing/availability for PMI to Canada.
 - Impacted APIs:
 - IntlRateV2, IntlRate
 - eVSPriorityMailIntl
 - Reference pe.usps.com/PriceChange for Notice 123 Price List effective January 22, 2023.

2.1.3 New USPS Label Delivery Service Updates

1. Summary: Web Tools will support the new USPS Label Delivery Service extra service in the Domestic Price Calculator API (API=RateV4). This extra service will not be available for the Web Tools Label APIs.
2. RateV4 API Updates:
 - New extra service (<SpecialService>) enumeration of "183" added to return USPS Label Delivery Service pricing and availability.
 - USPS Label Delivery Service extra service will have a flat rate fee of \$1.25.
 - Reference Appendix B for sample XML request/response.
 - Contact webtools@usps.gov for any questions.

2.1.4 USPS Returns Updates

1. Summary: USPS will eliminate Certificate of Mailing and Signature Confirmation Services for Returns. Web Tools will update impacted APIs to return correct extra service availability for USPS Returns.
2. RateV4 API Updates:
 - Certificate of Mailing and Signature Confirmation extra services (<SpecialService>) will not be eligible for USPS Returns products:
 - Ground Returns (<Service>="GROUND RETURNS")
 - Priority Mail Returns (<Service>="PRIORITY MAIL RETURNS")
 - Priority Mail Returns Cubic (<Service>="PRIORITY MAIL CUBIC RETURNS")
 - First-Class Returns (<Service>="FIRST CLASS RETURNS")
 - The below extra Services (<SpecialService>) will not return for USPS Returns products:
 - Certificate of Mailing (<SpecialService>="104")
 - Signature Confirmation (<SpecialService>="108" and "156")
3. USPSReturnsLabel API Updates:
 - Signature Confirmation extra service (<ExtraService>="156") will be removed.
 - Errors will return when Signature Confirmation extra service (<ExtraService>="156") is included in the request for the following mail classes:
 - Ground Returns (<ServiceType>="GROUND ")
 - Priority Mail Returns (<ServiceType>="PRIORITY")
 - First-Class Returns (<ServiceType>="FIRST CLASS")
 - The Shipping Services File (SSFv2.0) will be updated as follows:
 - Legacy extra service code (ESC) "455" will be removed for all USPS Returns mail classes.
 - Ground Returns mail class code "BP" will be updated to "RP."

2.1.5 Priority Mail Regional Rate Boxes A and B Eliminated

1. Summary: USPS will no longer support Priority Mail Regional Rate Boxes A and B. Web Tools will make updates to support the elimination of these containers.
 - Impacted APIs:
 - RateV4
 - eVS
 - Web Tools will no longer support <Container> enumerations "REGIONALRATEBOXA" and "REGIONALRATEBOXB."

2.1.6 Commercial Pricing Updates

1. Summary: USPS will collapse the current Commercial Base and Commercial Plus pricing tables for Priority Mail Express (PME) and Priority Mail (PM) into one Commercial price table. The qualifications for Commercial Pricing will use the current Commercial Base qualifications. Web Tools APIs will be updated to support a Commercial price for PME and PM products.
 - Reference pe.usps.com/PriceChange for Notice 123 Price List effective January 22, 2023.
 - Impacted APIs:
 - RateV4
 - Domestic Label APIs listed in Appendix A section 3.1.3

2. RateV4 API Updates:

- All Commercial and Commercial Base (CBP) prices will return in <CommercialRate> tag.
 - Priority Mail Express (PME) and Priority Mail (PM) Commercial prices will return in <CommercialRate> tag.
 - Note: Products with no Retail prices and only Commercial prices (i.e., Parcel Select Ground and Bound Printed Matter) return prices in the <Rate> tag. Effective January 22, 2023, Commercial prices will return in <CommercialRate> tag instead of <Rate> tag.
- All Retail prices will return in <Rate> tag.
 - Media Mail and Library Mail retail prices will continue to return in the <Rate> tag. Commercial prices for these products are not supported in the Web Tools APIs.
 - Commercial prices for Parcel Select Ground and Bound Printed Matter will no longer return in this tag – see example.
- Example below:
 - Currently Bound Printed Matter Commercial price returns in <Rate> tag:

```

<RateV4Response>
  <Package ID="1ST">
    <ZipOrigination>36732</ZipOrigination>
    <ZipDestination>46750</ZipDestination>
    <Pounds>0</Pounds>
    <Ounces>1</Ounces>
    <Container>VARIABLE</Container>
    <Zone>5</Zone>
    <Postage CLASSID="5">
      <MailService>Bound Printed Matter Parcels</MailService>
      <Rate>X.XX</Rate>
      <SpecialServices>
        ...
      </SpecialServices>
    </Postage>
  </Package>
</RateV4Response>

```

- Effective January 22, 2023 Bound Printed Matter (BPM) Commercial price will return in <CommercialRate> tag:

```

<RateV4Response>
  <Package ID="1ST">
    <ZipOrigination>36732</ZipOrigination>
    <ZipDestination>46750</ZipDestination>
    <Pounds>0</Pounds>
    <Ounces>1</Ounces>
    <Container>VARIABLE</Container>
    <Zone>5</Zone>
    <Postage CLASSID="5">
      <MailService>Bound Printed Matter Parcels</MailService>
      <Rate>0.00</Rate>
      <CommercialRate>X.XX</CommercialRate>
      <SpecialServices>
        ...
      </SpecialServices>
    </Postage>
  </Package>
</RateV4Response>

```

2.1.7 Nonstandard Length and Volume Fee Updates

1. Summary: USPS will update the Nonstandard Volume and Length Fees for parcels that exceed 2 cubic feet (3546 cubic inches) or have a length greater than 22 inches. Web Tools APIs will be updated to support the updated fees.
 - o Reference pe.usps.com/PriceChange for Notice 123 Price List effective January 22, 2023.
 - o Impacted APIs:
 - RateV4
 - Domestic Label APIs listed in Appendix A section 3.1.3
 - o Reference below table for details.

Fees		Current			New		
Nonstandard Fee	Service	Other	DNDC/DSCF	DDU	Other	DNDC/DSCF	DDU
22" < x <= 30"	Priority Mail Express Retail	\$4.00			\$4.00		
	Priority Mail Express Commercial	\$4.00			\$4.00		
	Priority Mail Retail	\$4.00			\$4.00		
	Priority Mail Commercial	\$4.00			\$4.00		
	First Class Package Service (Retail Only)	\$4.00			\$4.00		
	USPS Retail Ground	\$4.00			\$4.00		
	Retail Ground - LOR	\$4.00			\$4.00		
	Parcel Select Ground	\$4.00			\$4.00		
	USPS Connect Local			\$2.00			\$2.00
	Parcel Select Destination Entry		\$3.00	\$2.00	N/A	\$3.00	\$2.00
	Parcel Select Lightweight	\$4.00	\$3.00	\$2.00	\$4.00	\$3.00	\$2.00
x > 30"	Priority Mail Express Retail	\$15.00			\$15.00		
	Priority Mail Express Commercial	\$15.00			\$15.00		
	Priority Mail Retail	\$15.00			\$15.00		
	Priority Mail Commercial	\$15.00			\$15.00		
	First Class Package Service (Retail Only)	\$15.00			\$15.00		
	USPS Retail Ground	\$15.00			\$15.00		
	Retail Ground - LOR	\$15.00			\$7.00		
	Parcel Select Ground	\$15.00			\$7.00		
	USPS Connect Local			\$7.50			\$5.00
	Parcel Select Destination Entry		\$11.25	\$7.50		\$6.00	\$5.00
	Parcel Select Lightweight	\$15.00	\$11.25	\$7.50	\$7.00	\$6.00	\$5.00
x > 2 cubic feet	Priority Mail Express Retail	\$15.00			\$25.00		
	Priority Mail Express Commercial	\$15.00			\$25.00		
	Priority Mail Retail	\$15.00			\$25.00		
	Priority Mail Commercial	\$15.00			\$25.00		
	First Class Package Service (Retail Only)	\$15.00			\$25.00		
	USPS Retail Ground	\$15.00			\$15.00		
	Retail Ground - LOR	\$15.00			\$15.00		
	Parcel Select Ground	\$15.00			\$15.00		
	USPS Connect Local			\$15.00			\$15.00
	Parcel Select Destination Entry					\$15.00	\$15.00
	Parcel Select Lightweight	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00

Table 1: Nonstandard Fee Updates

2.1.8 USPS Zone Calculation Updates

1. Summary: USPS Zone Modernization initiative will update current Zone definitions/calculations as follows:
 - o Local Zone will be eliminated from all zoned parcel products.
 - o Separate prices will be established for Zone 1 and Zone 2 for Zoned parcel products (i.e., Zone 1 and Zone 2 will be separate in the rates tables for zoned parcel products.)
 - o The mileage bands for each of the nine Zones will be adjusted.

Web Tools APIs will be updated to support the correct Zones for all ZIP Codes.
2. Impacted APIs:
 - o RateV4
 - o Domestic Label APIs (reference Appendix A section 3.1.3 for complete list)
3. Impacted API Updates:
 - o Origin and Destination ZIP Code combinations will result in updated Zone calculations for all ZIP Codes used in pricing/availability and returned where applicable/supported today.

- Separate prices will return for Zones 1 and 2.
- Updates will not result in any structural API request/response changes; however, integrators are encouraged to test their integration and verify new updated Zones.
- Reference pe.usps.com/PriceChange for Notice 123 Price List effective January 22, 2023.

2.1.9 Maintenance

1. Updates to support new 2023 GXG Effective Dates and Holidays
2. Updates to support new 2023 Special Drawing Rights (SDR) values.
3. Fixes to eVS Domestic Label API to resolve incorrect error messaging returned when <FromContactPreference> is required (i.e., when shipping to a Parcel Locker) and not provided.
4. Fixes to Domestic Label APIs to replace legacy Service Type Code (STC) 625 with correct Service Type Code (STC) 624 per PUB199 specifications.

2.1.10 New International Shipping Regulatory Mandate – Updates

1. Summary: Effective March 2023, new international shipping regulatory mandates will require shipments to European Union (EU) countries to contain a valid Harmonization Code and Content/Item description designed to increase accountability, efficiency, and decrease the risk of fraud and security threats. By complying with this new mandate, customers will:
 - Avoid fines and penalties associated with noncompliance.
 - Reduce safety and security risks.
 - Help ensure timely and efficient delivery to the EU.
 - Prevent customs delays and/or return of non-compliant mail items.

Per the EU, vague item descriptions on customs forms such as “gifts,” “clothing,” “electronics,” and even “none” will no longer be considered an acceptable description. To learn more about providing acceptable item descriptions, view the chart below or read the EU’s guidance on acceptable terms at [Guidance on Acceptable and Unacceptable Terms for the Description of Goods](#).

Effective January 22, 2023, Web Tools APIs will be updated to implement initial changes to support the new shipping regulations. A phased approach will be used so that all new API errors will be deferred for later enforcement March 2023 to allow integrators time to adopt new changes as described below. Note: Harmonization Code (i.e., HS Tariff Number) must be based on the Harmonized Commodity Description and Coding System developed by the World Customs Organization.

2. IntlRateV2 Updates:
 - Updates to allow integrators the option to return which countries (i.e., EU) will require valid Harmonization Code and Content/Item description because of new international shipping regulatory mandates.
 - New <ReturnHSCCodeReqd> optional request tag with inputs “Y”/“N” will optionally return a new <HSCCodeReqd> response tag with values “False”/“True” in IntlRateV2 response.
 - A value of “True” will indicate “mandatory” countries impacted by new shipping regulations requiring Harmonization Code (i.e., <HSTariffNumber>) and Content description (i.e., <Description>) when generating a shipping label.
 - Changes will be optional and backwards compatible.
 - New response tag <HSCCodeReqd> only returned if <ReturnHSCCodeReqd>=“Y” included in request.
 - Reference Appendix B for sample XML request and response.
3. RateV4 Updates:
 - Updates to allow integrators the option to return which APO/FPO/DPO+PTFAS destinations will require valid Harmonization Code and Content/Item description because of new international shipping regulatory mandates.
 - New <ReturnHSCCodeReqd> optional request tag with inputs “Y”/“N” will optionally return a new <HSCCodeReqd> response tag values “False”/“True” in RateV4 response.
 - A value of “True” will indicate destinations impacted by new shipping regulations requiring Harmonization Code (i.e., <HSTariffNumber>) and Content description (i.e., <Description>) when generating a shipping label.

- Possessions, Territories, and Freely Associated States (PTFAS) locations are not impacted by new shipping regulations (i.e., new optional indicator will be negative.)
 - APO/FPO/DPO locations where military state is "AE" (Armed Forces Europe, the Middle East, and Canada) will be included in the new shipping regulations (i.e., new optional indicator will be positive.)
 - APO/FPO/DPO locations where military state is "AP" (Armed Forces Pacific) and "AA" (Armed Forces Americas except Canada) are not impacted by new shipping regulations (i.e. new optional indicator will be negative.)
 - Changes will be optional and backwards compatible.
 - New response tag <HSCodeReqd> only returned if <ReturnHSCodeReqd>="Y" included in request.
4. Domestic and International Label API Updates:
- Impacted International Label APIs:
 - eVSExpressMailIntl (eVSPMEI)
 - eVSPriorityMailIntl (eVSPMI)
 - eVSFirstClassMailIntl (eVSFCMI)
 - Impacted Domestic Label APIs:
 - eVS (Domestic)
 - Web Tools will add two new optional fields to collect additional details for mandatory (i.e., EU) countries:
 - <ItemCategory>
 - <ItemSubCategory>
 - Reference Appendix D for suggested input details.
 - For mandatory countries/destinations, Web Tools will implement a phased approach to require <HSTariffNumber> and validate that a minimum of 6, maximum of 14 alphanumeric characters are provided (not including decimals in the count). This populates the "HS Tarriff Number" field on the customs form and SSFv2.0 D4 #4 Customs Category Article field required to satisfy new International regulatory mandates.
 - HS Tariff Number must be based on the Harmonized Commodity Description and Coding System developed by the World Customs Organization.
 - Web Tools will not validate the <HSTariffNumber> if provided in the expected format (i.e., 6-14 alphanumeric characters not including decimals.)
 - Web Tools will attempt to obtain a valid <HSTariffNumber> using the required <Description> and new optional <ItemCategory> and <ItemSubCategory> values provided in the XML request if the <HSTariffNumber> is required but not provided or format is incorrect.
 - If successful, Web Tools will use the valid <HSTariffNumber> on the customs form and in the SSF. The <Description> provided by integrator in XML request will remain unchanged.
 - If unsuccessful, Web Tools will leverage the below phased approach:
 - Initial phase: effective January 22, 2023, Web Tools will return successful responses if the <HSTariffNumber> is invalid (i.e., not provided or format is incorrect) and Web Tools' attempt to obtain a valid value on behalf of the integrator is unsuccessful.
 - Future enforcement: Web Tools will return a new error "HS Tariff Number cannot be determined based on inputs provided" if the <HSTariffNumber> is invalid and Web Tools' attempt to obtain a valid value on behalf of the integrator is unsuccessful.
 - For mandatory countries/destinations, the required Item Detail <Description> field will be validated in a phased implementation against a case-insensitive blacklist of descriptions not permitted. This list will include: none, not applicable, n/a, null, gift, and merchandise. This field populates the "Detailed Description of Contents" field on customs form and SSFv2.0 D4 #5 Customs Description field required to satisfy new International regulatory mandates.
 - Initial phase: effective January 22, 2023, Web Tools will return successful responses if provided <Description> value is on blacklist.

- Future enforcement: Web Tools will return a new error "Invalid description for destination country" if provided <Description> value is on blacklist.
 - NOTE: Legacy Customs Forms APIs (APIs=CustomsCN22V2, CustomsCP73V2) will be excluded from the above updates to satisfy regulatory mandates. Integrators using these APIs must provide valid HS Tariff Numbers and Item Descriptions for EU destinations or risk non-delivery.
- 5. International Organization for Standardization (ISO) Country Name and Country Code Compliance
 - Web Tools will support updates to international country names and 2-digit country codes returned in International APIs to satisfy ISO compliance.
 - NOTE: No additional country name or code changes beyond those mentioned in section 2.1.1.

2.2 Production Release: February 23, 2023

External testing: February 14

2.2.1 USPS Connect Local Updates

1. Summary: Web Tools will support Connect Local network updates so that Connect Local customers served by a Sorting & Distribution Center (S&DC) can now also drop off packages at DDU's (i.e., "spoke" retail facilities).
2. RateV4 Updates
 - Web Tools will return Connect Local pricing/availability and extra service availability.
 - No API XML request/response changes expected.

2.2.2 Web Tools API Access Updates

1. Summary: Effective Feb 23, 2023 new label API users must include the password field with the USERID in the XML request otherwise an error will return. Current integrators are strongly encouraged to provide this information in advance of future changes to require the password field to avoid any service disruptions or integration issues. Contact webtools@usps.gov for any questions or concerns.
 - Users requesting label API access after Feb 23, 2023 must include the password field in the XML request as shown below:
 - eVS Domestic Label API Example:


```
<eVSRequest USERID="XXXXXXXXXX" PASSWORD="XXXXXXXXXX">
...
</eVSRequest>
```
 - Reference Appendix A sections 3.1.3 and 3.1.4 for a list of impacted label APIs.

2.2.3 External Package Tracking API Updates (API=TrackV2)

1. Summary: TrackV2 API updates will result in the <DeliveryAttributeCode> response tag no longer being returned.

2.2.4 Maintenance

1. Fixes to IntlRateV2 to resolve a defect with the <ValueOfContents> request field error validation.
2. Effective Feb 16, 2023, fixes to RateV4 and eVS Domestic Label APIs to resolve incorrect Nonstandard Fees returning for Priority Mail Cubic.
3. Effective Feb 16, 2023, fixes to RateV4 and eVS Domestic Label APIs to properly validate longest dimension does not exceed 18 inches for Priority Mail Cubic and Parcel Select Ground Cubic to meet DMM compliance.
4. Effective Feb 16, 2023, fixes to RateV4 API to resolve defects with USPS Label Delivery service (i.e., <SpecialService>="183") returning incorrectly for APO/FPO/DPO destinations where this extra service is not eligible.
5. Effective Feb 16, 2023, fixes to RateV4 API to resolve defects with USPS Label Delivery service (i.e., <SpecialService>="183") returning incorrectly for Library Mail, Media Mail, and Bound Printed Matter (BPM) products where this extra service is not eligible.

2.3 Production Release: March 30, 2023

External testing: March 16

2.3.1 External Package Tracking API - HFPU Updates (API=TrackV2)

1. Summary: Web Tools TrackV2 API will support updates for Hold For Pickup (HFPU) package tracking.
 - o New <CODAmountDue> response tag will return Collect on Delivery (COD) amount.
 - o Updated description data will return in current tags for event 14 Hold For Pickup (HFPU). No structural changes expected to API response.

2.3.2 Web Tools API Access Updates

1. Summary: Web Tools will update the USERID formatting for new registrations effective 3/30/23. Current integrator USERIDs will not be impacted.

2.3.3 Maintenance

1. Fixes to eVS Domestic Label API (API=eVS) to resolve issues with Express Mail Options <DeliveryOption> value not populating the Shipping Services File D1 pos 70 (Delivery Option Indicator) field correctly.

2.4 Production Release: April 27, 2023

External testing: April 17

2.4.1 External Package Tracking API Updates (API=TrackV2)

1. Summary: The External Package Tracking API (API=TrackV2) will be updated to support a new error message description to indicate external tracking was suppressed due to fraud.
 - o New error message "Tracking information will not be displayed because this package was shipped with fraudulent postage. Please contact the merchant or seller with any questions." will return in the error <Description> response tag.
 - o Reference Appendix B for sample XML request and response.

2.5 Production Release: June 15, 2023

External testing: June 14

2.5.1 eVS Domestic Label API Updates (API=eVS) – Barcode Feature

1. Summary: Web Tools will update the eVS Domestic Label API (API=eVS) with a new <Revision> value that allows integrators to request a shortened IMpb barcode.
 - o <Revision> enumeration will be added to the XML request which will return a new response tag <TrackingNumber> with the shortened IMpb barcode value.
 - Current <BarcodeNumber> tag containing long form IMpb will remain unchanged (i.e., <BarcodeNumber>420220359262444444444400408326</BarcodeNumber>)
 - New <TrackingNumber> response tag will contain the shortened IMpb beginning with the Channel Application ID (i.e., 9262444444444400408326).
 - o New <Revision> enumeration will result in structural XML response updates (i.e., new XML response tag returned with shortened barcode). The label image and Shipping Services File will not change.

2.5.2 USPS Returns Label API (API=USPSReturnsLabel) – Barcode Feature

1. Summary: Web Tools will update the USPS Returns Label API (API=USPSReturnsLabel) with a request <Revision> value that allows integrators to request a shortened IMpb barcode.
 - o <Revision> enumeration will be added to the XML request which will return a new response tag <TrackingNumber> with the shortened IMpb barcode value.

- Current <BarcodeNumber> tag containing long form IMpb will remain unchanged (i.e., <BarcodeNumber>4202203592624444444444400408326</BarcodeNumber>)
- New <TrackingNumber> response tag will contain the shortened IMpb beginning with the Channel Application ID (i.e., 92624444444444400408326).
- New <Revision> enumeration will result in structural XML response updates (i.e., new XML response tag returned with shortened barcode). The label image and Shipping Services File will not change.

2.5.3 USPS Parcel Locker Enhancements

1. Summary: Web Tools will update the eVS Domestic Label API (API=eVS) and the Domestic Price Calculator API (API=RateV4) to support shipments to a USPS Parcel Locker. Web Tools will update the USPS Parcel Locker Lookup API (API=USPSParcelLockerLookup) to allow external integrators to search for USPS Parcel Lockers.

Overview of Web Tools APIs supporting USPS Parcel Lockers:

- Parcel Locker Lookup API (API=USPSParcelLockerLookup) – allows integrators to find a Parcel Locker location that fits the package being shipped. This API collects address/ZIP Code search criteria + package dimensions to return Parcel Locker locations (identified by unique <FacilityID>) and geolocations that 1) are located within the search criteria and 2) have a locker that fits the dimensions of the package to support delivery to that parcel locker location.
- Domestic Price Calculator API (API=RateV4) – allows integrators to determine if their package characteristics (e.g., mail class, extra service) are eligible to ship to a parcel locker. Integrators should use <Service> request tag attribute Delivery Option and specify “ParcelLocker” (i.e., <Service DelOpt=“ParcelLocker”></Service>) to return eligibility for delivery to a Parcel Locker.
- eVS Domestic Label API (API=eVS) – allows integrators to generate a shipping label to a Parcel Locker. To generate a Parcel Locker label, integrators should include the Parcel Locker indicator (i.e., <ParcelLocker>=“true”); the Facility ID (i.e., <FacilityID>) output of the Parcel Locker Lookup API to specify the desired Parcel Locker for delivery; and the contact information of the sender and recipient to enable notifications.

Below changes describe latest enhancements to impacted APIs supporting Parcel Lockers.

2. eVS Domestic Label API Updates (API=eVS):
 - Parcel Locker Label and receipt image updates:
 - New banner "USPS PO BOX LOCKER PICKUP"
 - Updated Destination Address formatting:
 - Address Line 1: [TO/RECIPIENT NAME]
 - Address Line 2: "PO BOX LOCKER"
 - Address Line 3: [Parcel Locker City, State, and ZIP]
 - Web Tools will support updates to Parcel Locker pricing and availability to validate packages can be shipped to a parcel locker.
 - New Service Type Codes (STC) will be supported for Parcel Lockers per USPS Publication 199 (PUB199) specifications.
 - Errors will return if delivery to Parcel Locker is not eligible for a given mail class and extra service combination.
 - eVS Parcel Lockers will not be available for APO/FPO/DPO+PTFAS destinations where a customs form is required.
 - eVS Parcel Locker labels will not support being *held for manifest* for inclusion on a SCAN Form.
 - eVS Parcel Locker labels will not support creation of a Shipping Partner Event File (SPE).
 - Reference Appendix B for sample label.
 - Shipping Service File (SSF) updates:
 - Web Tools will populate SSF v2.0 Destination Delivery Point field (D1 pos 71) with the Delivery Point Code (DPC) of the parcel locker address (i.e., “99”).

- Web Tools will populate SSFv2.0 Extra Service Code (D1 pos 44) field with a value of “984” (Parcel Locker) for all Parcel Locker label records.
 - Contact webtools@usps.gov for any questions or detailed specifications.
- 3. Domestic Price Calculator Updates (API=RateV4):
 - New <Service> request tag attribute Delivery Option (i.e., <Service DelOpt=“XXXXX”></Service>) will be added to specify delivery options beyond normal/standard delivery.
 - New delivery option enumerations will be added:
 - HAZMAT (Hazardous Materials) (i.e., “HAZMAT”)
 - Parcel Locker (i.e., “ParcelLocker”)
 - Hold For Pickup (i.e., “HFP”)
 - Sunday Holiday (i.e., “SunHol”)
 - Standard (i.e., “Standard”)
 - Unknown (i.e., “Unknown”) (default; will result in current <Service> enumerations being used to determine response)
 - When the new service delivery option attribute is indicated with a <Service> enumeration, the results returned will satisfy both the mail class and delivery option indicated.
 - Ex. <Service DelOpt=“ParcelLocker”> PRIORITY MAIL EXPRESS</Service> will return all PME mail class options that support Parcel Locker delivery.
 - New errors will return if there are no mail class options available for the service and delivery option specified.
 - When the new service delivery option attribute is combined with a <Service> enumeration of “ALL”, “ONLINE”, or “PLUS”, all eligible mail class options with the specified delivery option will return. Note: this excludes destination entry products.
 - When the new service delivery option attribute is indicated, this will take precedence over the service type specified.
 - Ex. <Service DelOpt=“ParcelLocker”> PRIORITY MAIL EXPRESS HFP</Service> will return PME Parcel Locker availability not HFP availability because the delivery option takes precedence over the service enumeration.
 - When the new service delivery option attribute is not included in the request, the <Service> enumeration will be used to determine the API response.
 - Contact webtools@usps.gov for any questions or detailed specifications.
- 4. Parcel Locker Lookup API (API=USPSParcelLockerLookup) Updates (effective 4/27/23):
 - Addresses returned will be updated to reflect new Parcel Locker addresses beginning with “PO Box Locker” followed by Parcel Locker City, State, and ZIP.
 - New response tags added to return geolocation of Parcel Locker:
 - Latitude <Lat> (i.e., <Lat>38.947522</Lat>)
 - Longitude <Lon> (i.e., <Lon>-77.329581</Lon>)
 - Reference Appendix B for sample XML request and response.

2.5.4 Domestic Price Calculator (API=RateV4) – USPS HAZMAT Updates

1. Summary: Web Tools will update impacted APIs with new HAZMAT indicators to support increased Hazardous Materials (HAZMAT) visibility within the USPS network. The RateV4 API will be updated to support new HAZMAT extra services so that integrators can obtain pricing and availability of products that support HAZMAT.
 - New <SpecialService> (i.e., extra service) enumerations to indicate type of HAZMAT shown in below table. There are no fees associated; a price of “0.00” will return in the “SpecialServices” <Price> response tag.

Input	HAZMAT Descriptions
810	HAZMAT - Air Eligible Ethanol Package
811	HAZMAT - Class 1 - Toy Propellant/Safety Fuse Package
812	HAZMAT - Class 3 - Flammable Liquid Package
813	HAZMAT - Class 7 - Radioactive Materials Package
814	HAZMAT - Class 8 - Corrosive Materials Package
815	HAZMAT - Class 8 - Nonspillable Wet Battery Package
816	HAZMAT - Class 9 - Lithium Battery Marked - Ground Only Package
817	HAZMAT - Class 9 - Lithium Battery - Returns Package
818	HAZMAT - Class 9 - Lithium batteries, marked package
819	HAZMAT - Class 9 - Dry Ice Package
820	HAZMAT - Class 9 - Lithium batteries, unmarked package
821	HAZMAT - Class 9 - Magnetized Materials Package
822	HAZMAT - Division 4.1 - Flammable Solids or Safety Matches Package
823	HAZMAT - Division 5.1 - Oxidizers Package
824	HAZMAT - Division 5.2 - Organic Peroxides Package
825	HAZMAT - Division 6.1 - Toxic Materials Package
826	HAZMAT - Division 6.2 - Infectious Substances Package
827	HAZMAT - Excepted Quantity Provision Package
828	HAZMAT - Ground Only Hazardous Materials
829	HAZMAT - ID8000 Consumer Commodity Package
830	HAZMAT - Lighters Package
831	HAZMAT - LTD QTY Ground Package
832	HAZMAT - Small Quantity Provision Package

Table 2: New Domestic HAZMAT Descriptions

- A single package can have only one type of HAZMAT indicated via the above <SpecialService> enumerations. If multiple types of HAZMAT are indicated for a single package, an error will be returned.
- When HAZMAT indicated in request, the “Commitment” tags (i.e., <CommitmentName> and <CommitmentName>) will reflect new HAZMAT service standards for applicable products when available.
- All 23 new HAZMAT extra services (passed in the <SpecialService> request tag) will be eligible for normal domestic shipping destinations (i.e., 50 states and DC).
- Only 3 HAZMAT extra services “813”, “820”, and “826” (passed in the <SpecialService> request tag) will be eligible for APO/FPO/DPO+PTFAS destinations requiring a customs form.
- Web Tools will implement a phased approach for integrators to adopt the new HAZMAT <SpecialService> enumerations:
 - To return accurate pricing and availability, integrators should indicate the specific type of HAZMAT using the new HAZMAT extra services (passed in the <SpecialService> request tag).
 - <ContentType>=“HAZMAT” will no longer be required to return accurate HAZMAT pricing and availability.
 - Effective June 15, 2023, if <ContentType>=“HAZMAT” is included without additional HAZMAT details provided in the request via HAZMAT <SpecialService> enumerations, Web Tools will function as it does today and allow a successful response.
 - Effective July 27, 2023, Web Tools will require the additional HAZMAT details in the <SpecialService> tag. A new error will return requiring additional HAZMAT details if not provided when <ContentType>=“HAZMAT.”
 - Effective June 15, 2023, if <ContentType>=“HAZMAT” is included with additional HAZMAT details provided in the request via HAZMAT <SpecialService> enumerations, Web Tools will return the updated HAZMAT availability based on specific type of HAZMAT.
 - Effective July 27, 2023, this will remain unchanged.

2.5.5 eVS Domestic Label API (API=eVS) – USPS HAZMAT Updates

1. Summary: Web Tools will update impacted APIs with new HAZMAT indicators to support increased Hazardous Materials (HAZMAT) visibility within the Postal network. eVS Domestic Label API will be updated to support new HAZMAT indicators including extra services, mail classes, and related service type codes, service icons, banner text, label markings, and new Shipping Services File (SSF) inputs.
 - Impacted API: eVS
 - New <ExtraService> enumerations to indicate type of HAZMAT – reference above table. There are no fees associated; a price of “0.00” will return in the XML response.
 - All 23 new HAZMAT extra services (passed in the <ExtraService> request tag) will be eligible for normal domestic shipping destinations (i.e., 50 states and DC).
 - Only 3 HAZMAT extra services “813”, “820”, and “826” (passed in the <ExtraService> request tag) will be eligible for APO/FPO/DPO+PTFAS destinations requiring a customs form.
 - Domestic integrated customs forms will require a content type of dangerous goods when shipping certain types of HAZMAT.
 - When HAZMAT extra services “813” and “826” (passed in the <ExtraService> request tag) are indicated and a domestic integrated customs form returns, a content type (i.e., <CustomsContentType>) of "DANGEROUSGOODS" will be required otherwise an error will return.
 - New Service Type Codes (STCs) for HAZMAT will be used in the IMpb barcode generated which is returned in API response, displayed on the label image, and passed in the Shipping Services File (SSF).
 - New service icon "H" will be used for domestic HAZMAT labels. Domestic integrated customs forms will not change.
 - New banner text will be displayed for domestic HAZMAT labels. Domestic integrated customs forms will not change.
 - New domestic label marking “HAZMAT – Surface Transportation Only” for Parcel Select Ground, Ground Return Service, and Retail Ground products with HAZMAT. Domestic integrated customs forms will not change.
 - Reference Appendix B for sample HAZMAT label.
 - Commitment and expected delivery information returned in <CommitmentName> and <ScheduledDeliveryDate> response tags and printed on the label will reflect new HAZMAT service standards.
 - For HAZMAT, Web Tools will update the Shipping Services File Extra Service Code (ESC) fields (SSFv2.0 D1, pos 44, 46) to include “857” (generic HAZMAT) and the new detailed HAZMAT extra services (i.e., “810-832”) where supported – reference above table in section 2.13.1.
 - Web Tools will implement a phased approach for integrators to adopt the new HAZMAT <ExtraService> enumerations:
 - Integrators should specify the type of HAZMAT using the new HAZMAT extra services (passed in the <ExtraService> request tag) to enable new HAZMAT functionality.
 - <ContentType>="HAZMAT" will no longer be required to generate HAZMAT shipping labels.
 - Effective June 15, 2023, if <ContentType>="HAZMAT" is included without additional HAZMAT details provided in the request via HAZMAT <ExtraService> enumerations, Web Tools will function as it does today without the new HAZMAT functionality [i.e., a successful response will be allowed and the Shipping Services File Extra Service Code field (SSFv2.0 D1, pos 44) will be populated with “857” (generic HAZMAT)].
 - Effective July 27, 2023, Web Tools will require additional HAZMAT details in the <ExtraService> tag. A new error will return requiring additional HAZMAT details if not provided when <ContentType>="HAZMAT."
 - Effective June 15, 2023, if <ContentType>="HAZMAT" is included with additional HAZMAT details provided in the request via HAZMAT <ExtraService> enumerations, Web Tools will return the updated HAZMAT availability based on specific type of HAZMAT.
 - Effective July 27, 2023, this will remain unchanged.
 - Contact webtools@usps.gov for questions and detailed specifications.

2.5.6 USPS Returns Label API (API=USPSReturnsLabel) – USPS HAZMAT Updates

1. Summary: Web Tools will update impacted APIs with new HAZMAT indicators to support increased Hazardous Materials (HAZMAT) visibility within the Postal network. USPSReturnsLabel API will be updated to support new HAZMAT indicators including extra services, mail classes, and related service type codes, service icons, banner text, label markings, and new Shipping Services File (SSF) inputs.
 - o Impacted API: USPSReturnsLabel
 - o New <ExtraService> enumerations to indicate type of HAZMAT – reference above table. There are no fees associated; a price of “0.00” will return in the XML response.
 - o All 23 new HAZMAT extra services (passed in the <ExtraService> request tag) will be eligible for normal domestic shipping destinations (i.e., 50 states and DC).
 - o New Service Type Codes (STCs) for HAZMAT will be used in the IMpb barcode generated which is returned in API response, displayed on the label image, and passed in the Shipping Services File (SSF).
 - o New service icon "H" will be used for HAZMAT.
 - o New banner text will be displayed for HAZMAT.
 - o New label marking “HAZMAT – Surface Transportation Only” for Ground Return Service product with HAZMAT.
 - o Reference Appendix B for sample HAZMAT label.
 - o For HAZMAT, Web Tools will update the Shipping Services File Extra Service Code (ESC) fields SSFv2.0 D1, pos 44, 46) as follows:
 - Web Tools will include “857” (generic HAZMAT) and the new detailed HAZMAT extra services “810-832” where supported – reference above table.
 - ESC “452” (USPS Returns) will be used to indicate USPS Returns.
 - o Contact webtools@usps.gov for questions and detailed specifications.

2.5.7 Service Standards API (API=SDCGetLocations) – USPS HAZMAT Updates

1. Summary: Web Tools will make updates to the SDCGetLocations API to support HAZMAT service standards.

New <MailClass> enumerations will be added to return HAZMAT Service Standards shown in red in the below table. Note: “9XXX” will be used to indicate HAZMAT.

<MailClass> Value	Description
0	All Mail Classes (1-digit)
000	All Mail Classes (3-digit)
9000	All HAZMAT Mail Classes (4-digit)
1	Priority Mail Express
9001	Priority Mail Express HAZMAT
2	Priority Mail
9002	Priority Mail HAZMAT
201	Priority Mail 1-Day (Deprecated)
202	Priority Mail 2-Day (Deprecated)
203	Priority Mail 3-Day (Deprecated)
204	Priority Mail Military
9204	Priority Mail Military HAZMAT
205	Priority Mail DPO
9205	Priority Mail DPO HAZMAT
206	Priority Mail Offshore
9206	Priority Mail Offshore HAZMAT
3	First-Class
301	First-Class Mail Letters
302	First-Class Mail Flats
303	First-Class Mail Cards

304	First-Class Mail Parcel/Package (FCPS)
304	Retail Ground (RG)
9304	First-Class Mail Parcel/Package and Retail Ground HAZMAT
4	Standard Mail
401	Standard Mail Letters
402	Standard Mail Flats
403	Standard Mail Marketing Parcels
404	Standard Mail Simple Samples
405	Parcel Select Lightweight (Deprecated)
5	Periodicals
501	Periodicals
502	Parcel Shaped Periodicals
6	Package Services
6	Retail Ground HAZMAT (deprecated), LIVES, Offshore
601	Parcel Select (Deprecated)
602	Standard Post
603	Media Mail
604	Library Mail
605	Bound Printed Matter
7	Parcel Select Ground
9007	Parcel Select Ground HAZMAT

Table 3: New SDCGetLocations API HAZMAT <MailClass> inputs

2.5.8 Maintenance

- eVS Domestic and International Label API updates to clearly watermark labels created in test environment to distinguish from live production labels.
 - Impacted APIs:
 - eVS (Domestic)
 - eVSExpressMailIntl
 - eVSPriorityMailIntl
 - eVSFirstClassMailIntl
- eVS Domestic Label API updates to resolve overlap issue for longer destination addresses printed on the label image.
- USPSParcelLockerLookup API updates to resolve errors seen due to TLS 1.2.

2.6 Production Release: July 7, 2023

External testing: TBD

The API changes noted below will be released to production in the late-night hours of June 29. USPS is enacting a Price Change on July 9, 2023, which will be available on June 29 when using a ship date of July 9 or beyond. All domestic and international price calculator and shipping label APIs will reflect updated pricing in XML responses, on shipping label images, and in the Shipping Services Files (see Appendix A for full list of price calculator and label APIs). For information on specific prices being updated, please go to <https://about.usps.com/newsroom/national-releases/2023/0410-usps-files-notice-with-prc-for-new-mailing-services-pricing.htm> and <https://pe.usps.com/PriceChange>.

Changes beyond basic price updates are explained below, per API.

2.6.1 USPS Ground Advantage

- Summary: USPS will offer enhanced ground product USPS Ground Advantage. USPS Ground Advantage will combine USPS Retail Ground, First-Class Package, and Parcel Select Ground services (as well as returns options such as First-Class Package Return service and Ground Returns) into a single, streamlined ground shipping service. Web Tools will support backwards compatibility such that integrators may continue to pass existing API inputs for USPS Retail Ground, First-Class Package Service, and Parcel Select Ground which will return new USPS Ground Advantage outputs. Note: USPS Ground Advantage will only incorporate USPS First-Class Package Service, not USPS First-Class Mail. Reference <https://about.usps.com/newsroom/national-releases/2023/0210-usps-ground-advantage-product-and-pricing-simplicity.htm> and <https://www.usps.com/ship/ground-advantage.htm> for additional details.

Current		Effective July 9th 2023		
Product	Package Weight	Product	Package Weight	Services
FCPS Retail	1 to 13 oz	USPS Ground Advantage	1 oz up to 15.999 oz	Baked in \$100 insurance
FCPS Commercial	1 to 15.999 oz			
Retail Ground	1 to 70 lbs	USPS Ground Advantage	1 lb to 70 lbs + oversized	
PSG	1 to 70 lbs			
Retail Ground - Limited Overland Routes (LOR)	1 to 70 lbs + oversized	USPS Ground Advantage Limited Overland Routes (LOR)	1 to 70 lbs + oversized	
PSG Cubic	0.1 to 1 cubic ft	USPS Ground Advantage Cubic	.1 to 1 cubic ft up to 20 lbs	

Table 4: USPS Ground Advantage Outbound offering

- Impacted APIs:
 - RateV4
 - eVS (Domestic)
 - SDCGetLocations
 - FirstClassMail
- Domestic Price Calculator API (API=RateV4) Updates:
 - New "GROUND ADVANTAGE" and "GROUND ADVANTAGE CUBIC" service (i.e., <Service>) enumerations will be added for USPS Ground Advantage and USPS Ground Advantage Cubic.
 - Current service (i.e., <Service>) enumerations "FIRST CLASS", "PARCEL SELECT GROUND", "PARCEL SELECT GROUND CUBIC", and "RETAIL GROUND" will be accepted but return USPS Ground Advantage pricing and availability in XML response.
 - Web Tools will make updates to support \$100 baked-in insurance for USPS Ground Advantage.
 - Web Tools will make updates to support Nonstandard Length and Volume Fees for parcels that exceed 2 cubic feet (3546 cubic inches) or have a length greater than 22 inches applicable for USPS Ground Advantage.
 - Reference <https://pe.usps.com/PriceChange> for details.
- eVS Domestic Label API (API=eVS) Updates:
 - New "GROUND ADVANTAGE" service (i.e., <ServiceType>) enumeration will be added for USPS Ground Advantage.
 - New "GROUND ADVANTAGE CUBIC" service (i.e., <ServiceType>) enumeration will be added for USPS Ground Advantage Cubic.
 - Current service (i.e., <ServiceType>) enumerations "FIRST CLASS", "PARCEL SELECT GROUND", and "PARCEL SELECT GROUND CUBIC" will be accepted but return USPS Ground Advantage pricing/availability and label image in XML response.
 - New Service Type Codes (STCs) will be supported for USPS Ground Advantage per USPS Publication 199 (PUB199) specifications.

- Label Image Updates:
 - The service icon located in the top left-hand corner of the shipping label will be "G" to indicate USPS Ground Advantage.
 - Service banner will display "USPS GROUND ADVANTAGE™"
 - A PS 2976-A Domestic Integrated Customs Form will be used for Ground Advantage with a service icon of "G" when required.
 - Reference Appendix B for sample labels.
- Shipping Services File (SSF) Updates:
 - USPS Ground Advantage will use the below rate ingredients in the SSF:

Mail Class	Processing Category	Destination Rate Indicator	Rate Indicator	Zone	Parcel Routing Barcode	Rate (including Barcoding or Machinability)
FC	3	N	SP	0-9	0, 1	Machinable Single-Piece
FC	5	N	SP	0-9	0, 1	Non-Machinable Single-Piece
FC	5	N	OS	0-9	0, 1	Non-Machinable Oversized
FC	3	N	DR	0-9	0, 1	Machinable Dimensional Rectangular
FC	3	N	DN	0-9	0, 1	Machinable Dimensional Non-Rectangular
FC	5	N	DR	0-9	0, 1	Non-Machinable Dimensional Rectangular
FC	5	N	DN	0-9	0, 1	Non-Machinable Dimensional Non-Rectangular
FC	3, 5	N	CP	LC, 01-09	0, 1	Cubic Tier Non-Soft Pack
FC	3, 5	N	P5	LC, 01-09	0, 1	Cubic Tier Soft Pack Tier 1 (.10)
FC	3, 5	N	P6	LC, 01-09	0, 1	Cubic Tier Soft Pack Tier 2 (.20)
FC	3, 5	N	P7	LC, 01-09	0, 1	Cubic Tier Soft Pack Tier 3 (.30)
FC	3, 5	N	P8	LC, 01-09	0, 1	Cubic Tier Soft Pack Tier 4 (.40)
FC	3, 5	N	P9	LC, 01-09	0, 1	Cubic Tier Soft Pack Tier 5 (.50)
FC	3, 5	N	Q6	LC, 01-09	0, 1	Cubic Tier Soft Pack Tier 6 (.60)
FC	3, 5	N	Q7	LC, 01-09	0, 1	Cubic Tier Soft Pack Tier 7 (.70)
FC	3, 5	N	Q8	LC, 01-09	0, 1	Cubic Tier Soft Pack Tier 8 (.80)
FC	3, 5	N	Q9	LC, 01-09	0, 1	Cubic Tier Soft Pack Tier 9 (.90)
FC	3, 5	N	Q0	LC, 01-09	0, 1	Cubic Tier Soft Pack Tier 10 (1.00)

Table 5: USPS Ground Advantage SSF Rate Ingredients

4. Service Standards APIs (API=SDCGetLocations, FirstClassMail) Updates:
 - Mail Classes (i.e., <MailClass>) enumerations "3" and "7" will be repurposed to return USPS Ground Advantage (up to 15.999 oz).
 - Mail Class (i.e., <MailClass>) enumeration "304" will be repurposed to return USPS Ground Advantage (up to 15.999 oz).
 - Mail Class (i.e., <MailClass>) enumerations "9304" and "9007" will be repurposed to return USPS Ground Advantage (up to 15.999 oz) HAZMAT.
 - New Mail Class (i.e., <MailClass>) enumeration "9" will be added to return USPS Ground Advantage (1-70lbs).
 - New Mail Class (i.e., <MailClass>) enumeration "9009" will be added to return USPS Ground Advantage (1-70lbs) HAZMAT.
 - Table below shows USPS Ground Advantage updates in red.

<MailClass> Value	Description
0	All Mail Classes (1-digit)
000	All Mail Classes (3-digit)
9000	All HAZMAT Mail Classes (4-digit)
1	Priority Mail Express
9001	Priority Mail Express HAZMAT

2	Priority Mail
9002	Priority Mail HAZMAT
201	Priority Mail 1-Day (Deprecated)
202	Priority Mail 2-Day (Deprecated)
203	Priority Mail 3-Day (Deprecated)
204	Priority Mail Military
9204	Priority Mail Military HAZMAT
205	Priority Mail DPO
9205	Priority Mail DPO HAZMAT
206	Priority Mail Offshore
9206	Priority Mail Offshore HAZMAT
3	USPS Ground Advantage (up to 15.999 oz)
301	First-Class Mail Letters
302	First-Class Mail Flats
303	First-Class Mail Cards
304	USPS Ground Advantage (up to 15.999 oz)
9304	USPS Ground Advantage (up to 15.999 oz) HAZMAT
4	Standard Mail
401	Standard Mail Letters
402	Standard Mail Flats
403	Standard Mail Marketing Parcels
404	Standard Mail Simple Samples
405	Parcel Select Lightweight (Deprecated)
5	Periodicals
501	Periodicals
502	Parcel Shaped Periodicals
6	Package Services
6	USPS Ground Advantage LIVES, Offshore
601	Parcel Select (Deprecated)
602	Standard Post
603	Media Mail
604	Library Mail
605	Bound Printed Matter
7	USPS Ground Advantage (up to 15.999 oz)
9007	USPS Ground Advantage (up to 15.999 oz) HAZMAT
9	USPS Ground Advantage (1 to 70lbs)
9009	USPS Ground Advantage (1 to 70lbs) HAZMAT

Table 6: SDCGetLocations API <MailClass> Inputs

5. Package Pickup APIs Updates

- Impacted APIs:
 - CarrierPickupSchedule
 - CarrierPickupChange
 - CarrierPickupInquiry
- New <ServiceType> enumeration “GroundAdvantage” will be added for USPS Ground Advantage.
- Current <ServiceType> enumerations “FirstClass” and “ParcelSelectGround” will be accepted for backwards compatibility but return USPS Ground Advantage (i.e., <ServiceType>=“GroundAdvantage”) in the response.

2.6.2 USPS Ground Advantage Returns

- Summary: USPS will offer enhanced ground product USPS Ground Advantage Returns. USPS Ground Advantage Returns will combine First-Class Package Return Service and Ground Returns Service into a single, streamlined ground shipping service. Web Tools will support backwards compatibility such that integrators may continue to pass existing API inputs for First-Class Package Return Service and Ground Returns Service which will return new USPS Ground Advantage Returns outputs. Reference <https://about.usps.com/newsroom/national-releases/2023/0210-usps-ground-advantage-product-and-pricing-simplicity.htm> and <https://www.usps.com/ship/ground-advantage.htm> for additional details.

Current			Effective July 9th 2023		
Product	Package Weight	Services	Product	Package Weight	Services
USPS First-Class Package Return Service	1 to 15.999 oz	Insurance	USPS Ground Advantage Return Service	1 oz up to 15.999 oz	Insurance Baked in \$100 Insurance
USPS Ground Return Service	1 to 70 lbs			1 lb to 70 lbs + oversized	
USPS Priority Mail Return Service			USPS Priority Mail Return Service	1 to 70 lbs	Insurance

Table 7: USPS Ground Advantage Returns

- Impacted APIs:
 - RateV4
 - USPSReturnsLabel
- Domestic Price Calculator API (API=RateV4) Updates:
 - New “GROUND ADVANTAGE RETURNS” service (i.e., <Service>) enumerations will be added for USPS Ground Advantage Return Service.
 - Current service (i.e., <Service>) enumerations “FIRST CLASS RETURNS”, “GROUND RETURNS” will be accepted but return USPS Ground Advantage Returns pricing and availability in XML response.
 - Web Tools will make updates to support \$100 baked-in insurance for USPS Ground Advantage Return Service.
 - Web Tools will make updates to support Nonstandard Length and Volume Fees for parcels that exceed 2 cubic feet (3546 cubic inches) or have a length greater than 22 inches applicable for USPS Ground Advantage Return Service.
 - Reference <https://pe.usps.com/PriceChange> for details.
- USPS Returns Label API (API=USPSReturnsLabel) Updates:
 - Current “GROUND” service (i.e., <ServiceType>) enumeration will be leveraged for USPS Ground Advantage Return Service.
 - Current service (i.e., <ServiceType>) enumerations “FIRST CLASS” and “GROUND” will be accepted but return USPS Ground Advantage Returns pricing/availability and label image in XML response.
 - New Service Type Codes (STCs) will be supported for USPS Ground Advantage per USPS Publication 199 (PUB199) specifications.
 - Label Image Updates:
 - The service icon located in the top left-hand corner of the shipping label will be "G" to indicate USPS Ground Advantage Return Service.
 - Service banner will display “USPS GROUND ADVANTAGE™ RETURN SERVICE”
 - Reference Appendix B for sample labels.
 - Shipping Services File (SSF) Updates:
 - USPS Ground Advantage Return Service will use the below rate ingredients in the SSF:

Mail Class	Processing Category	Destination Rate Indicator	Rate Indicator	Zone	Parcel Routing Barcode	Rate (including Barcoding or Machinability)
FC	R (Returns)	N	SP	0-9	0, 1	Machinable Single-Piece
FC	R	N	SP	0-9	0, 1	Non-Machinable Single-Piece
FC	R	N	OS	0-9	0, 1	Non-Machinable Oversized
FC	R	N	DR	0-9	0, 1	Machinable Dimensional Rectangular
FC	R	N	DN	0-9	0, 1	Machinable Dimensional Non-Rectangular
FC	R	N	DR	0-9	0, 1	Non-Machinable Dimensional Rectangular
FC	R	N	DN	0-9	0, 1	Non-Machinable Dimensional Non-Rectangular

Table 8: USPS Ground Advantage Returns SSF Rate Ingredients

2.6.3 USPS Priority Mail Express Returns

- Summary: Web Tools will make API updates to support the new USPS Priority Mail Express Return Service. The table below shows the USPS Return services effective July 9, 2023 including new Priority Mail Express Return Service highlighted yellow.

Product	Package Weight	Services
USPS Ground Advantage Return Service	1 oz up to 15.999 oz	Insurance Baked in \$100 Insurance
	1 lb to 70 lbs + oversized	
USPS Priority Mail Return Service	1 to 70 lbs	Insurance
USPS Priority Mail Express Return Service	1 to 70 lbs	

Table 8: USPS Return services

- Impacted APIs:
 - RateV4
 - USPSReturnsLabel
- Domestic Price Calculator (API=RateV4) Updates:
 - New "PRIORITY MAIL EXPRESS RETURNS" service (i.e., <Service>) enumeration will be added for USPS Priority Mail Express Return Service.
 - Web Tools will make updates to support Nonstandard Length and Volume Fees for parcels that exceed 2 cubic feet (3546 cubic inches) or have a length greater than 22 inches applicable for USPS Priority Mail Express Return Service.
 - Reference <https://pe.usps.com/PriceChange> for details.
- USPS Returns Label API (API=USPSReturnsLabel) Updates:
 - New "EXPRESS" service (i.e., <ServiceType>) enumeration will be added for USPS Priority Mail Express Return Service.
 - New optional <WaiverOfSignature> request tag ("true"/"false") will be added to indicate signature waived.
 - A value of "true" will indicate signature is waived. This will be default value if not specified.
 - A value of "false" will indicate signature is requested.
 - New Service Type Codes (STCs) will be supported for USPS Priority Mail Express Return Service per USPS Publication 199 (PUB199) specifications.
 - Label Image Updates:
 - The service icon located in the top left-hand corner of the shipping label will be "E" to indicate USPS Priority Mail Express Return Service.
 - Service banner will display "PRIORITY MAIL EXPRESS® RETURNS"
 - "SIGNATURE REQUIRED" marking will display when signature is requested.

- “Waiver of Signature” marking will display when signature is waived.
- The receipt returned will be updated to reflect PME Returns.
- Reference Appendix B for sample labels.
- Shipping Services File (SSF) Updates:
 - Web Tools will update the Shipping Services File to support USPS Priority Mail Express Return Service per USPS Publication 199 (PUB199) specifications.
 - Rate Ingredients of note that will be included in the SSF:
 - Processing Category = "R" (Returns)
 - Rate Indicator = "N" (None)
 - Mail Class = "EX" (PME)

2.6.4 Domestic Registered Mail Fees

1. Summary: USPS will update published documentation including Notice 123 Price List and Domestic Mail Manual (DMM) to clarify Registered Mail articles valued over \$50,000.00 are charged a flat fee that includes up to \$50,000.00 maximum insurance limit, and the handling cost. Customers must declare the full value of Registered Mail items. Items with declared value of more than \$50,000 can be mailed with Registered Mail extra service, but insurance compensation for loss, damage, or missing contents is limited to \$50,000. Web Tools will make updates to the Domestic Price Calculator (API=RateV4) API to support the maximum insured value of \$50,000.00.
 - Reference <https://pe.usps.com/PriceChange> for details.

2.6.5 Retired Extra Service Code/Service Type Code (STC) Combinations

1. Summary: USPS will retire the below list of mail class and extra service combinations due to low use. Of the 97 total combinations, 24 (highlighted) are supported within Web Tools APIs and will be removed. Web Tools will update impacted APIs such that the below combinations will never return as available in the XML response.

STC	Mail Class	Description
030	PM	Priority Mail Certified Mail Restricted Delivery Return Receipt / RRE
047	PM	Priority Mail COD Return Receipt / RRE
048	PM	Priority Mail COD Restricted Delivery Return Receipt / RRE
082	PM	Priority Mail COD Signature Confirmation Return Receipt
084	PM	Priority Mail Registered Mail COD Restricted Delivery SigCon Return Receipt
103	PM	Priority Mail Registered Mail Return Receipt/RRE
104	PM	Priority Mail Registered Mail Restricted Delivery Return Receipt/RRE
150	FC	First-Class COD Signature Confirmation Return Receipt
151	FC	First-Class Registered Mail COD Restricted Delivery Return Receipt / RRE
170	FC	First-Class Mail COD Return Receipt/RRE
171	FC	First-Class Mail COD Restricted Delivery Return Receipt/RRE
182	FC	First-Class Mail Registered Mail COD Return Receipt/RRE
202	FC	First-Class Package Services Registered Mail COD Signature Confirmation
207	FC	First-Class Mail Registered Mail Return Receipt/RRE
208	FC	First-Class Mail Registered Mail Restricted Delivery Return Receipt/RRE
427	BB	Bound Printed Matter COD Signature Confirmation
433	BB	Bound Printed Matter COD SigCon Return Receipt
446	BB	Bound Printed Matter COD Return Receipt/RRE
448	BB	Bound Printed Matter COD Restricted Delivery Return Receipt/RRE
452	BB	Bound Printed Matter Insurance > \$500 Restricted Delivery Return Receipt
457	BB	Bound Printed Matter Signature Confirmation with Insurance <= \$500
495	BS	Media Mail COD Return Receipt
496	BS	Media Mail COD RRE
498	BS	Media Mail COD Signature Confirmation

511	BS	Media Mail COD Return Receipt/RRE
512	BS	Media Mail COD Restricted Delivery Return Receipt
513	BS	Media Mail COD Restricted Delivery Return Receipt/RRE
514	BS	Media Mail Insurance > \$500 Return Receipt
516	BS	Media Mail Insurance > \$500 Restricted Delivery Return Receipt
525	BS	Media Mail Signature Confirmation with Special Handling
532	BS	Media Mail COD Signature Confirmation Return Receipt
557	BL	Library Mail COD RRE
559	BL	Library Mail COD Signature Confirmation
561	BL	Library Mail COD Signature Confirmation Return Receipt
572	BL	Library Mail COD Return Receipt/RRE
573	BL	Library Mail COD Restricted Delivery Return Receipt
574	BL	Library Mail COD Restricted Delivery Return Receipt/RRE
577	BL	Library Mail Insurance > \$500 Restricted Delivery Return Receipt
581	BL	Library Mail Insurance <= \$500 Signature Confirmation
611	PS	Parcel Select COD Signature Confirmation Return Receipt
617	PS	Parcel Select COD Return Receipt
618	PS	Parcel Select COD RRE
620	PS	Parcel Select COD Signature Confirmation
633	PS	Parcel Select COD Return Receipt/RRE
634	PS	Parcel Select COD Restricted Delivery Return Receipt
635	PS	Parcel Select COD Restricted Delivery Return Receipt/RRE
639	PS	Parcel Select Insurance > \$500 Return Receipt
680	PM	Priority Mail Registered Mail COD Signature Confirmation
738	FC	First-Class Mail Certified Mail Return Receipt RRE
739	FC	First-Class Mail Certified Mail Return Receipt RRE Restricted Delivery
899	PS	Parcel Select SBP
900	PS	Parcel Select Insurance <=500
901	PS	Parcel Select Insurance >500
902	LW	Parcel Select Lightweight SBP
903	LW	Parcel Select Light Weight Insurance <=500
904	LW	Parcel Select Light Weight Insurance >500
912	PM	Priority Mail COD Restricted Delivery Signature Confirmation
913	PM	Priority Mail Registered Mail Restricted Delivery COD
914	PM	Priority Mail Signature Confirmation Restricted Delivery Insurance <= \$500 Return
923	FC	First Class Mail Registered Mail Restricted Delivery COD
924	FC	First Class Mail Registered Mail Restricted Delivery COD Return Receipt
925	FC	First Class Mail Registered Mail Restricted Delivery COD Signature Confirmation
926	FC	First Class Mail Registered Restricted Delivery COD Signature Confirmation RR
927	FC	First-Class Certified Mail Adult Signature Required Return Receipt
934	FC	First-Class Mail Certified Mail Adult Signature Restricted Delivery Return Receipt
935	FC	First-Class Mail COD Restricted Delivery Signature Confirmation
938	FC	First-Class Mail Signature Confirmation Restricted Delivery Insurance <=\$500 RR
940	FC	First Class Mail Packages Registered Mail Restricted Delivery Sig Con
943	PS	Parcel Select COD Restricted Delivery Return Receipt Electronic
944	PS	Parcel Select COD Signature Confirmation Restricted delivery
945	PS	Parcel Select Signature Confirmation Restricted Delivery Insurance <= \$500
947	LW	Parcel Select Lightweight Adult Signature Required Insurance <= \$500

948	LW	Parcel Select Lightweight Adult Signature Required Insurance > \$500
949	LW	Parcel Select Lightweight Adult Signature Required Return Receipt
951	LW	Parcel Select Lightweight Adult Signature Restricted Delivery Insurance <= \$500
952	LW	Parcel Select Lightweight Adult Signature Restricted Delivery Insurance > \$500
953	LW	Parcel Select Lightweight Adult Signature Required Insurance >\$500 Return Receipt
954	LW	Parcel Select Lightweight Adult Signature Restricted Delivery Insurance >\$500 RR
956	LW	Parcel Select Lightweight Adult Signature Restricted Delivery Return Receipt
957	BB	Bound Printed Matter COD Restricted Delivery Signature Confirmation
958	BB	Bound Printed Matter Signature Confirmation Restricted Delivery Insurance <= \$500
960	BL	Library Mail COD Restricted Delivery Return Receipt Electronic
961	BL	Library Mail COD Restricted Delivery Signature Confirmation
962	BL	Library Mail Signature Confirmation Restricted Delivery Insurance <= \$500
936	BS	Media Mail COD Restricted Delivery Return Receipt Electronic
964	BS	Media Mail COD Restricted Delivery Signature Confirmation
980	LW	Parcel Select Lightweight Signature Confirmation Restricted Delivery RR
981	FC	First-Class Mail Certified Mail Adult Signature Required
982	FC	First-Class Mail Certified Mail Adult Signature Restricted Delivery
983	FC	First-Class Mail Registered Mail Restricted Delivery Return Receipt Electronic
984	FC	First-Class Mail Registered Mail Restricted Delivery COD RRE
985	PM	Priority Mail Registered Mail Restricted Delivery COD Signature Confirmation
986	PM	Priority Mail Registered Mail Restricted Delivery COD Return Receipt Electronic
987	PM	Priority Mail Registered Mail COD Return Receipt Electronic
988	LW	Parcel Select Lightweight SigCon Restricted Delivery Ins <= \$500
989	PS	Parcel Select Adult Signature Required Insurance > \$500 Return Receipt
990	PS	Parcel Select Adult Signature Restricted Delivery Ins > \$500 RR

Table 9: Retired Service Type Code (STC) Combinations

2. Impacted APIs:
 - RateV4
 - eVS (Domestic)

2.6.6 Parcel Select Destination Entry (PSDE) & Parcel Select Lightweight (PSDE) Price Restructuring and Fee Updates

1. Summary: As the USPS realigns its network, several Parcel Select Destination Entry (PSDE) and Parcel Select Lightweight (PSLW) rate categories will not be needed. USPS will update PSDE and PSLW published pricing structure according to the following:
 - The PSDE/PSLW rate structure will be collapsed to use only destination entry facility (i.e., DDU, DSCF, DNDC, and DHUB) and weight to determine a price. Sortation and Zones will be eliminated from the price tables.
 - Published DHUB pricing for PSDE/PSLW will be added.
 - Published price points allowed for PSLW will be reduced to the 4 following options: 4 oz, 8 oz, 12 oz, 15.999oz. PSLW will continue supporting pricing up to 15.999 oz.
 - The Nonmachinable/Machinable price table distinctions for PSDE will be removed. There will be only one published price table up to 70lbs for PSDE regardless of machinability.
 - Nonstandard Length and Volume fees will be applied to PSDE and PSLW.
 - Reference <https://pe.usps.com/PriceChange> for details.
2. Impacted APIs:
 - RateV4
 - eVS (Domestic)
3. Domestic Price Calculator API (API=RateV4) Updates:

- Applicable when <Service>="PARCEL SELECT DE" and "PARCEL SELECT LW."
 - Web Tools will support <SortationLevel> request input but it will no longer be required to return PSDE and PSLW pricing/availability.
 - New <DestinationEntryFacilityType> enumeration will be added for DHUB entry.
 - Web Tools will make updates to support Nonstandard Length and Volume Fees for parcels that exceed 2 cubic feet (3546 cubic inches) or have a length greater than 22 inches applicable for PSDE/PSLW.
 - Reference <https://pe.usps.com/PriceChange> for details.
4. eVS Domestic Label API (API=eVS) Updates:
- Applicable when <ServiceType>="PARCEL SELECT DE" and "PARCEL SELECT LW."
 - Web Tools will support <SortationLevel> request input but it will no longer be required to return PSDE and PSLW pricing/availability.
 - New <DestinationEntryFacilityType> enumeration will be added for DHUB entry.
 - Web Tools will make updates to support Nonstandard Length and Volume Fees for parcels that exceed 2 cubic feet (3546 cubic inches) or have a length greater than 22 inches applicable for PSDE/PSLW.
 - Reference <https://pe.usps.com/PriceChange> for details.
 - Shipping Services File (SSF) Updates:
 - Web Tools will update the Shipping Services File to support the above PSDE/PSLW updates per USPS Publication 199 (PUB199) specifications.
 - For PSDE Processing Category, Web Tools will send a "3" (Machinable) unless oversized which would result in a "5" (Nonmachinable) being sent.
 - For PSLW Processing Category, Web Tools will always send a "3" (Machinable). The previous "4" (Irregular) value will be removed because PSLW published pricing will not support oversize pricing.
 - Reference below table for PSDE/PSLW rate ingredients.

Mail Class	Processing Category	Destination Rate Indicator	Rate Indicator	Zone	Parcel Routing Barcode	Rate (Including Barcoding or Machinability Surcharges)
PS	3,5	B	SP	0	0, 1	DNDC Single-Piece
PS	3,5	S	DE	0	0, 1	DSCF Parcels
PS	3,5	D	SP	0	0, 1	DDU Parcels
PS	3,5	H	SP	0	0, 1	DHUB Parcels
PS	5	B	OS	0	0, 1	DNDC Oversized
PS	5	S	OS	0	0, 1	DSCF Oversized
PS	5	H	OS	0	0, 1	DHUB Oversized
PS	5	D	OS	0	0, 1	DDU Oversized
PS	3, 5	B	DR	0	0, 1	Dimensional Rectangular DNDC
PS	3, 5	B	DN	0	0, 1	Dimensional Non-Rectangular DNDC
PS	3, 5	S	SR	0	0, 1	Dimensional Rectangular DSCF
PS	3, 5	S	SN	0	0, 1	Dimensional Non-Rectangular DSCF
PS	3, 5	H	DR	0	0, 1	Dimensional Rectangular DHUB
PS	3, 5	H	DN	0	0, 1	Dimensional Non-Rectangular DHUB
PS	3, 5	D	DR	0	0, 1	Dimensional Rectangular DDU
PS	3, 5	D	DN	0	0, 1	Dimensional Non-Rectangular DDU
LW	3, 4	B	DC	0	0, 1	Parcel Select Lightweight Parcel DNDC
LW	3, 4	S	DE	0	0, 1	Parcel Select Lightweight Parcel DSCF

LW	3, 4	H	DF	0	0, 1	Parcel Select Lightweight 5-Digit DHUB
LW	3, 4	D	DF	0	0, 1	Parcel Select Lightweight Parcel DDU

Table 10: PSDE/PSLW SSF Rate Ingredients

2.6.7 Machinable/Nonmachinable Parcel Updates

- Summary: USPS will modify the criteria for machinable parcels dimensions and weights. Machinable parcels will be defined as parcels less than or equal to 22x18x15 inches and 25 pounds. Any parcel that exceeds either threshold (dimension or weight) would be considered nonmachinable. Reference USPS Domestic Mail Manual (DMM) section 201 7.5 (Machinable Parcels) for details.
- Impacted APIs:
 - eVS (Domestic)
 - USPSReturnsLabel
- Impacted API Updates:
 - When package dimensions exceed 15" x 18" x 22" or package weight exceeds 25 pounds the parcel will be considered nonmachinable.
 - Shipping Services File (SSF) Updates:
 - Shipping Services File Processing Category field (SSFv2.0 D1, pos 36) will be populated to distinguish machinability.

2.7 Production Release: July 2023

External testing: TBD

Items will be moved to this release when scheduled and included in future versions of the release notes

2.8 Production Release: August 2023

External testing: TBD

Items will be moved to this release when scheduled and included in future versions of the release notes

2.9 Production Release: September 2023

External testing: TBD

Items will be moved to this release when scheduled and included in future versions of the release notes

2.10 Production Release: October 2023

External testing: TBD

Items will be moved to this release when scheduled and included in future versions of the release notes

2.11 Production Release: To Be Determined

2.11.1 New International Shipping Regulatory Mandate – Enforcement

- Summary: Web Tools will update APIs to enforce new regulatory mandate resulting in new errors returning for impacted countries. Reference above section 2.1.10 for details.

2.11.2 Domestic Price Calculator – Service Commitment Updates

- Summary: Web Tools will update the RateV4 API to allow all mail classes to return commitments when available. Currently commitments (returned in <Commitment> tags) are only eligible to return for Priority Mail Express (PME) and Priority Mail (PM) mail classes when <ShipDate> is specified in the XML request.

2.11.3 USPS Connect Local Mail Product Updates

- Summary: Web Tools will update APIs support new Connect Local Mail product (currently in pilot phase).

2.11.4 Web Tools API Access Updates

- Summary: Effective TBD 2023, Web Tools will require the password be provided with the USERID in each label API XML request otherwise an error will return. Integrators are strongly encouraged to provide this information well in advance of the change to avoid any service disruptions or integration issues. Contact webtools@usps.gov for any questions or concerns.

2.11.5 International Price Calculator (API=IntlRateV2) – USPS HAZMAT Updates

- Summary: Web Tools will update impacted APIs with new HAZMAT indicators to support increased Hazardous Materials (HAZMAT) visibility within the Postal network. The IntlRateV2 API will be updated to support a subset of new HAZMAT extra services so that integrators can obtain pricing and availability of products that support HAZMAT.
 - New <ExtraService> enumerations to indicate type of HAZMAT shown in below table. There are no fees associated. There are no fees associated; a price of “0.00” will return in the XML response.

Input	International HAZMAT Descriptions
813	HAZMAT - Class 7 - Radioactive Materials Package
820	HAZMAT - Class 9 - Lithium batteries, unmarked package
826	HAZMAT - Division 6.2 Hazardous Materials

Table 11: New International HAZMAT Descriptions

- A single package can have only one type of HAZMAT indicated via the above new <ExtraService> enumerations. If multiple types of HAZMAT are indicated for a single package, an error will be returned.
- When HAZMAT indicated in request (via new <ExtraService> enumerations), the <SvcCommitments> response tag will reflect new HAZMAT service standards for applicable products when available.

2.11.6 eVS International Label APIs – USPS HAZMAT Updates

- Summary: Web Tools will update impacted APIs with new HAZMAT indicators to support increased Hazardous Materials (HAZMAT) visibility within the Postal network. Impacted label APIs will be updated to support new HAZMAT indicators including extra services and new Shipping Services File (SSF) inputs so that HAZMAT labels can be easily identified.
 - Impacted APIs:
 - eVSExpressMailIntl (eVSPMEI)
 - eVSPriorityMailIntl (eVSPMI)
 - eVSFirstClassMailIntl (eVSFCMI)
 - New <ExtraService> enumerations to indicate type of HAZMAT – reference above table in section 2.13.2. There are no fees associated; a price of “0.00” will return in the XML response.
 - Only 3 HAZMAT extra services “813”, “820”, and “826” (passed in the <ExtraService> request tag) will be eligible for international destinations.
 - Customs forms to an international destination will require a content type of dangerous goods when shipping certain types of HAZMAT.
 - When HAZMAT extra services “813” and “826” (passed in the <ExtraService> request tag) are indicated, a content type (i.e., <ContentType>) of "DANGEROUSGOODS" will be required otherwise an error will return.
 - Estimated delivery information returned will reflect new HAZMAT service standards.
 - For HAZMAT, Web Tools will update the Shipping Services File Extra Service Code (ESC) fields (SSFv2.0 D1, pos 44, 46) to include “857” (generic HAZMAT) and the new detailed HAZMAT extra services “813”, “820”, and “826” where supported – reference above table.
 - Contact webtools@usps.gov for questions and detailed specifications.

3 Appendices

3.1 Appendix A – Price Calculator and Label APIs

3.1.1 Domestic Price Calculator APIs

Description	API Name
Domestic Price Calculator	RateV4

3.1.2 International Price Calculator APIs

Description	API Name
International Price Calculator	IntlRateV2, IntlRate (deprecated)

3.1.3 Domestic Label APIs

Description	API Name
USPS Returns Label	USPSReturnsLabel
eVS Domestic	eVS
SCAN Form	SCAN

3.1.4 International Label APIs

Description	API Name
Express Mail International – eVS	eVSExpressMailIntl
Priority Mail International – eVS	eVSPriorityMailIntl
First Class Mail International - eVS	eVSFirstClassMailIntl
GXG Get Label – eVS	eVSGXGGetLabel
Customs Form CN22	CustomsCN22V2 (deprecated)
Customs Form CP72	CustomsCP72V3 (deprecated)

3.2 Appendix B – Sample API Requests, Responses, and Labels

3.2.1 Sample XML Requests

This section provides sample XML requests to the test/staging environment that demonstrate some of the changes implemented to our APIs in this release. These requests are provided as a reference to aid in your understanding of the changes and in your integration with our updated APIs. You should still complete your typical testing and verification processes to ensure that your system is communicating properly with the most updated versions of the Web Tools APIs.

Please note that you must place your valid USERID into the request. Sample responses are provided below the sample requests to illustrate the changes that will occur to the XML schema. Please note that the data within the tags may differ depending on inputs provided. Areas of note are highlighted.

RateV4 Sample Request

January 2023 Release reference 2.1.3: New USPS Label Delivery Service

```
<RateV4Request USERID="XXXXXXXXXX">
  <Revision>2</Revision>
  <Package ID="1ST">
    <Service>Priority</Service>
    <ZipOrigination>78238</ZipOrigination>
    <ZipDestination>78253</ZipDestination>
    <Pounds>0</Pounds>
    <Ounces>3</Ounces>
    <Container>VARIABLE</Container>
    <SpecialServices>
      <SpecialService>183</SpecialService>
    </SpecialServices>
    <Machinable>true</Machinable>
    <ShipDate>1/22/2023</ShipDate>
  </Package>
</RateV4Request>
```

RateV4 Sample Response

January 2023 Release reference 2.1.3: New USPS Label Delivery Service

```
<RateV4Response>
  <Package ID="1ST">
    <ZipOrigination>78238</ZipOrigination>
    <ZipDestination>78253</ZipDestination>
    <Pounds>0</Pounds>
    <Ounces>3</Ounces>
    <Container>VARIABLE</Container>
    <Zone>1</Zone>
    <Postage CLASSID="1">
      <MailService>Priority Mail<sup>®</sup>&lt;sup>™</sup></MailService>
      <Rate>9.35</Rate>
      <CommercialRate>7.64</CommercialRate>
      <CommitmentDate>2023-01-22</CommitmentDate>
      <CommitmentName>1-Day</CommitmentName>
      ...
      <SpecialService>
        <ServiceID>183</ServiceID>
        <ServiceName>USPS Label Delivery Service</ServiceName>
        <Available>true</Available>
        <AvailableOnline>true</AvailableOnline>
        <Price>1.25</Price>
        <PriceOnline>1.25</PriceOnline>
      </SpecialService>
      ...
    </Postage>
  </Package>
</RateV4Response>
```

IntlRateV2 Sample Request

January 2023 Release reference 2.1.10: New optional tag to return Intl Shipping Mandate requirement

```

<IntlRateV2Request USERID="XXXXXXXX">
  <Revision>2</Revision>
  <Package ID="1">
    <Pounds>0</Pounds>
    <Ounces>2</Ounces>
    <Machinable>False</Machinable>
    <MailType>PACKAGE</MailType>
    <GXG>
      <POBoxFlag>N</POBoxFlag>
      <GiftFlag>N</GiftFlag>
    </GXG>
    <ValueOfContents>25</ValueOfContents>
    <Country>GERMANY</Country>
    <Container>RECTANGULAR</Container>
    <Width/>
    <Length/>
    <Height/>
    <Girth/>
    <OriginZip>20024</OriginZip>
    <CommercialFlag>Y</CommercialFlag>
    <CommercialPlusFlag>N</CommercialPlusFlag>
    <AcceptanceDateTime>2023-01-22T 13:15:00-06:00</AcceptanceDateTime>
    <Content>
      <ContentType>Documents</ContentType>
      <ContentDescription>Papers</ContentDescription>
    </Content>
    <TrackingRetentionPeriod/>
    <ReturnHSCCodeReqd>Y</ReturnHSCCodeReqd>
  </Package>
</IntlRateV2Request>

```

IntlRateV2 Sample Response

January 2023 Release reference 2.1.10: New optional tag to return Intl Shipping Mandate requirement

```

<IntlRateV2Response>
<Package ID="1">
<Prohibitions>
...
<AreasServed>Please reference Express Mail for Areas Served.</AreasServed>
<AdditionalRestrictions>No Additional Restrictions Data found.</AdditionalRestrictions>
<Content>
<ContentType>Documents</ContentType>
<ContentDescription>Papers</ContentDescription>
</Content>
<HSCCodeReqd>True</HSCCodeReqd>
...
</Package>
</IntlRateV2Response>

```

TrackV2 API Sample Request

April 2023 Release reference 2.4.1: New fraud error response

```

<TrackFieldRequest USERID="XXXXXXXX">
  <Revision>1</Revision>
  <ClientIp>XXX.X.X.X</ClientIp>
  <SourceId>XXXXXXXX</SourceId>
  <TrackID ID="9405511202565714758100"/>
</TrackFieldRequest>

```

TrackV2 API Sample Response

April 2023 Release reference 2.4.1: New fraud error response

```

<TrackResponse>
  <TrackInfo ID="9400128206335419047400">
    <Error>
      <Number>-2147219278</Number>
      <Description>

```

Tracking information will not be displayed because this package was shipped with fraudulent postage. Please contact the merchant or seller with any questions.

```

</Description>
                <HelpFile/>
                <HelpContext/>
            </Error>
        </TrackInfo>
    </TrackResponse>
    
```

USPSParcelLockerLookup API Sample Request

June 15, 2023 Release reference 2.5.3: Updated Parcel Locker Address (effective 4/27/23)

```

<USPSParcelLockerLookupRequest USERID="XXXXXXX">
  <ParcelDetail>
    <Height>1</Height>
    <Width>1</Width>
    <Length>1</Length>
  </ParcelDetail>
  <City>Reston</City>
  <State>VA</State>
  <ZipList>
    <Zip5>20190</Zip5>
    <Zip5>20101</Zip5>
    <Zip5>22906</Zip5>
  </ZipList>
</USPSParcelLockerLookupRequest>
    
```

USPSParcelLockerLookup API Sample Response

June 15, 2023 Release reference 2.5.3: Updated Parcel Locker Address (effective 4/27/23)

```

<USPSParcelLockerLookupResponse>
  <Location>
    <FacilityID>1437366</FacilityID>
    <Address1>PO Box Locker</Address1>
    <City>Reston</City>
    <State>VA</State>
    <Zip5>20190</Zip5>
    <Zip4>2000</Zip4>
    <Lat>38.947522</Lat>
    <Lon>-77.329581</Lon>
  </Location>
</USPSParcelLockerLookupResponse>
    
```

3.2.2 Sample Labels/Receipts

This section provides sample label and receipt images to the test/staging environment that demonstrate some of the changes implemented to our APIs in this release. These samples are provided as a reference to aid in your understanding of the changes and in your integration with our updated APIs. You should still complete all your usual testing and verification processes to ensure that your system is communicating properly with the most updated version of Web Tools.

3.2.2.1 New HAZMAT Priority Mail and Priority Mail Return Service Sample Labels



Figure 1: Priority Mail HAZMAT Sample Label



Figure 2: Priority Mail Return Service HAZMAT Sample

3.2.2.2 eVS Parcel Locker Sample Label



Figure 1: eVS Parcel Locker Label Sample

3.2.2.3 USPS Ground Advantage Sample Labels

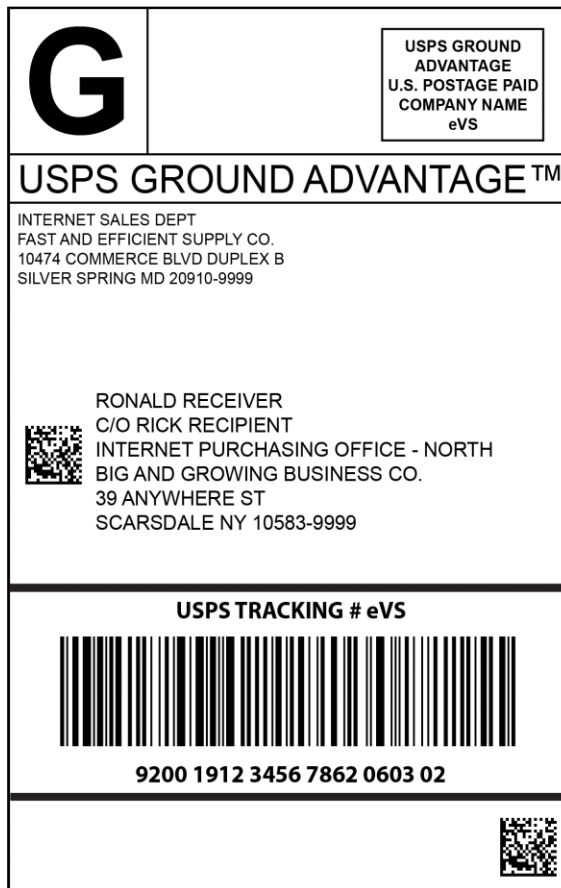


Figure 1: USPS Ground Advantage - eVS Sample

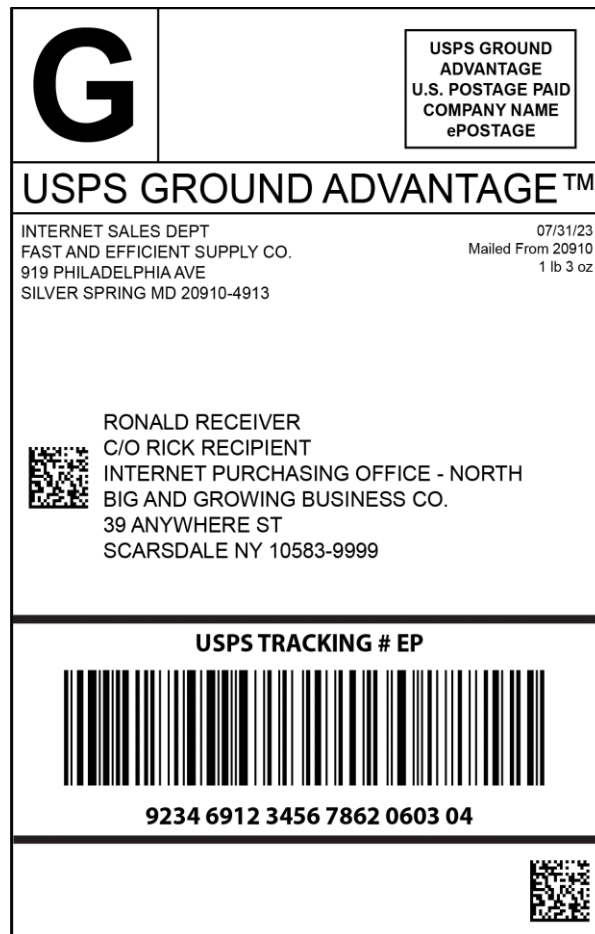


Figure 2: USPS Ground Advantage - ePostage Sample

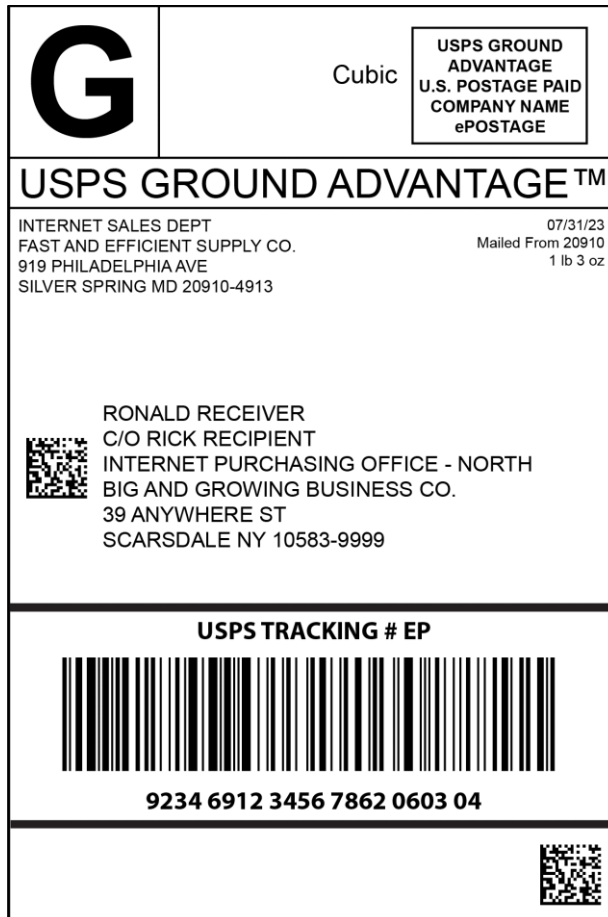


Figure 3: USPS Ground Advantage – ePostage Cubic Sample

3.2.2.4 USPS Ground Advantage Returns Sample Label

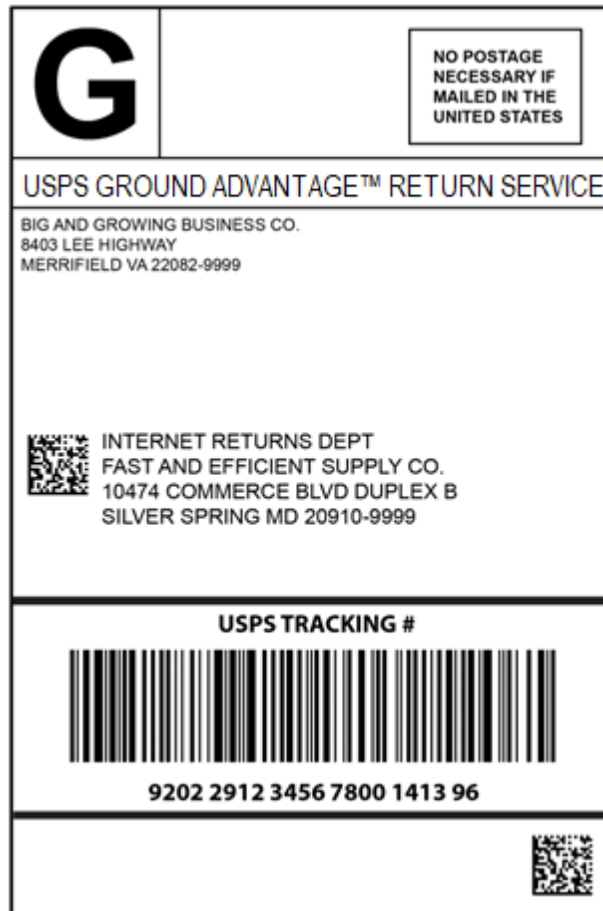


Figure 1: USPS Ground Advantage Returns Sample

3.3 Appendix C – HTTPS/Secure Web Tools APIs

3.3.1 SSL Security Certificate Updates (HTTPS APIs)

Status	Common Name (CN)	Envir.	URLS	Expiration Date	Deployment Date
Complete	Web Tools Legacy HTTPS APIs	TEST	https://stg-secure.shippingapis.com/shippingapi.dll	11/5/2022	10/19/2022
Complete	Web Tools Legacy HTTPS APIs (New)	TEST	https://stg-production.shippingapis.com/ShippingApi.dll	12/30/2022	10/19/2022
Complete	Web Tools PROD HTTPS APIs	PROD	https://secure.shippingapis.com/ShippingAPI.dll	12/4/2022	10/24/2022
Complete	Web Tools PROD HTTPS APIs (New)	PROD	https://production.shippingapis.com/ShippingAPI.dll	12/30/2022	10/24/2022

3.3.2 Web Tools Secure/HTTPS APIs

API	API Name
Carrier Pickup Availability	CarrierPickupAvailability
Carrier Pickup Cancel	CarrierPickupCancel
Carrier Pickup Change	CarrierPickupChange
Carrier Pickup Inquiry	CarrierPickupInquiry
Carrier Pickup Schedule	CarrierPickupSchedule
City+State Lookup	CityStateLookup
Customs Form CN22	CustomsCN22V2
Customs Form CP72	CustomsCP72V3
eVS Domestic	eVS
eVS Domestic Cancel	eVSCancel
eVS Priority Mail Express International	eVSExpressMailIntl
eVS First Class Mail International	eVSFirstClassMailIntl
eVS GXG Public Label generation	eVSGXGGetLabel
eVS International Cancel	eVSICancel
eVS Priority Mail International	eVSPriorityMailIntl
Express Mail Commitments	ExpressMailCommitment
First Class Mail Service Standards	FirstClassMail
GXG Get Commodity Information	GXGGetCommodityInfo
GXG - Guarantee	GXGGetGuarantee
Hold For Pickup Facility Information	HFPFacilityInfo
International Price Calculator	IntlRateV2, IntlRate (deprecated)
Post Office Locator - External	POLocatorV2Ext
Priority Mail Service Standards	PriorityMail
Track and Confirm - Email	PTSEmail
Track and Confirm - Pod	PTSPod
Track and Confirm - Tpod	PTSTpod
Track and Confirm - Rre	PTSRre
Domestic Price Calculator	RateV4

SCAN	SCAN
Service Delivery Calculator	SDCGetLocations
Package Services Service Standards	StandardB
Sunday Holiday API	SundayHolidayAvailability
Track and Confirm	TrackV2
USPS Returns Label	USPSReturnsLabel
Address Validation	Verify
ZipCode Lookup	ZipCodeLookup

3.3.3 SSL Security Certificate Update (HTTPS Web Tools 2.0 APIs):

Status	Common Name (CN)	Envir.	URLS	Expiration Date	Deployment Date
Complete	Web Tools 2.0 APIs	TEST	https://cat-webtools.usps.com/	4/4/2023	10/19/2022
Complete	White Label APIs	TEST	https://staging-whitelabel.shippingapis.com/	4/4/2023	10/19/2022
Complete	Web Tools 2.0 APIs	PROD	https://webtools.usps.com/	12/30/2022	10/24/2022
Complete	White Label APIs	PROD	https://whitelabel.shippingapis.com/	12/30/2022	10/24/2022

3.3.4 Secure HTTPS Web Tools 2.0 APIs

API	API Name
Package Intercept Status	status
Package Intercept Hold For Pickup	holdForPickup
Package Intercept Redirect	createRedirect
Package Intercept Return to Sender	createRTS
EDDMR	EDDMR

3.4 Appendix D – Categories for International Shipping Regulatory Mandates

Category (<ItemCategory>)	SubCategory (<ItemSubCategory>)
Appliances, Parts & Accessories	<ul style="list-style-type: none"> • Air Compressors • Bathroom Appliances • Clothing Iron • Coffee Makers, Toasters & Other Heat-generating Kitchen Appliances • Cutting Blades • Fans • Food Grinders • Heaters, Radiators & Air Conditioning Units • Mechanical Kitchen Appliances • Microwave Ovens • Other Household Appliances • Other Kitchen Appliances • Oven, Cooktops & Ventilating Hoods • Refrigerators & Freezers • Sewing Machines • Sinks, Toilets & Bathtubs • Vacuum Cleaners • Washing Machines & Dryers • Weighing Scales
Arts & Collectibles	<ul style="list-style-type: none"> • Antique Hand-Painted & Hand-Drawn Art • Antiques Over 100 Years Old • Archaeological, Zoological & Historical Collector's Pieces • Art Paint & Brushes • Art Prints • Blank Art Canvas • Coin • Hand-Painted & Hand-Drawn Art • Non-Original Wooden Art • Original Prints & Engravings • Original Sculptures & Carvings • Sewing Materials • Stamp Collections • Statuettes and Ornaments
Automotive & Vehicles	<ul style="list-style-type: none"> • Aircraft & Parts • Bicycles & Accessories • Car, Truck & Tractor Parts • Cranes • Diesel-powered Cars & Trucks • Electric Cars & Trucks • Gas-powered Cars & Trucks • Motorcycle & Bicycle Parts • Motorcycles • Railway & Tramway Vehicles & Parts • Scooters & Chairs for the Disabled & Parts • Ship & Boat Parts • Ships & Boats • Spacecraft & Parts • Special Vehicles (e.g., Fire Trucks, Cement Mixers, etc.)

	<ul style="list-style-type: none"> • Tractors & Work Trucks • Trailers
Beauty & Health	<ul style="list-style-type: none"> • Air Fresheners & Incense • Bath & Hand Soap • Bath salts • Contact Lenses • Contraceptives • Dental Fittings & Hygiene • Feminine Hygiene • Hair Cutting Tools • Hair Dryers, Straighteners & Curlers • Make-up • Manicure & Pedicure Sets • Massage Tools • Medicine, Ointments, First Aid & Bandages • Other Hygiene • Pedometer • Perfume & Deodorant • Personal Medical Equipment • Shampoo & Hair Products • Shaving & Waxing • Vaccines, Blood, & Cell Cultures
Books, Movies & Music	<ul style="list-style-type: none"> • Books & Brochures • Catalogs • Coloring Books • DVDs, CDs, Tapes & Other Recorded Media • Maps & Globes • Music Boxes • Musical Instruments & Parts • Newspapers, Journals & Magazines • Printed Decals • Sheet Music
Clothing & Accessories	<ul style="list-style-type: none"> • Baby Clothes • Belts & Buckles • Fabric Material • Glasses & Sunglasses • Gloves and Mittens • Hats & Headgear • Hoodies, Sweaters & Cardigans • Luggage, Backpacks, Bags & Wallets • Men's & Boys' Jackets, Shirts & Suits • Men's & Boys' Pants & Swimwear • Men's & Boys' Underwear & Pajamas • Other Clothing Accessories • Shoes & Accessories • Socks, Pantyhose & Tights • Ties & Scarves • Used Clothing • Wigs & False Hair • Women's & Girls' Jackets, Shirts & Dresses • Women's & Girls' Pants, Skirts & Swimwear • Women's & Girls' Underwear & Pajamas

Electronics, Computers & Cameras	<ul style="list-style-type: none"> • Audio-playing Devices • Batteries & Power Banks • Cables & Connectors • Cameras, Video Cameras & Parts • Chargers • Computer Parts & Accessories • Device Cases & Bags • DVD & Blu-ray Players • Gift, Credit & Smart Cards • GPS Devices & Radios • Laptops & Desktops • Electrical Parts • Smoke Detectors & Alarms • Speakers, Headphones & Microphones • Streaming Service Devices • Telephones & Smartphones • Televisions & Projectors • Traffic & Safety Signal Equipment • Video Game Consoles & Games
Food & Groceries	<ul style="list-style-type: none"> • Alcoholic Beverages • Baby Formula • Chocolate & Cocoa Products • Coffee, Tea & Mate • Dairy & Eggs • Extracts & Concentrates • Fats & Oils • Fruit • Fruit & Nut Mix • Grains & Flour • Jams & Jellies • Live Fish & Seafood • Meat & Fish • Nuts • Other Food Items • Sauces • Soda & Other Drinks • Soups & Broths • Spices & Sugar • Syrup & Molasses • Tobacco Products & E-cigarettes • Treats • Vegetables & Other Plants
Home & Garden	<ul style="list-style-type: none"> • Adhesives & Tape • Animal Hides & Parts • Artificial Plants & Flowers • Bedding & Towels • Candles • Clocks & Parts • Clothing Hangers • Containers & Baskets • Curtains • Electric Kitchen Appliances • Furniture

	<ul style="list-style-type: none"> • Household Cleaners & Trash Bags • Lamps & Lighting • Live Plants & Fresh Flowers • Mirrors • Other Household Items • Other Outdoor & Garden Items • Rugs & Mats • Sacks & Bags • Safes & Strong-boxes • Statuettes & Other Decor • Tableware & Kitchenware • Toilet Paper, Napkins & Tablecloths
Industrial, Scientific & Machinery	<ul style="list-style-type: none"> • Agricultural & Food Machinery • Batteries & Accumulators • Buttons & Mannequins • Dies & Tanning Extracts • Electric Parts, Electronic Waste & Scrap • Energy-generating Equipment • Explosives & Combustibles • Industrial Animal Products • Industrial Furnaces & Ovens • Industrial Glass Items • Industrial Metal Items • Industrial Plastic Items • Industrial Rubber Items • Industrial Stone & Cement Items • Industrial Textile Items • Industrial Vacuum Cleaners • Industrial Washers & Dryers • Industrial Wood Items • Laboratory Equipment • Magnets • Measuring Equipment • Medical Equipment • Metal-working Machinery • Motors & Generators • Moulds • Navigation & Surveying Equipment • Ores, Mineral Fuels & Oils • Organic Compounds • Other Chemical Products • Other Electrical Machinery & Parts • Other Industrial Machinery • Other Industrial Machinery Parts • Other Minerals & Stone • Packing Materials & Containers • Precious Metal Compounds & Inorganic Chemicals • Printing & Paper Machinery • Railway Materials • Semiconductor-producing Machinery • Textile Machinery • Transformers • Vegetative Materials

	<ul style="list-style-type: none"> • Vending Machines • Welding Equipment
Jewelry & Watches	<ul style="list-style-type: none"> • Imitation Jewelry & Parts • Jewelry Boxes & Cases • Jewelry of Pearls or Precious Metal & Parts • Pearls & Precious Stones • Precious Metals • Watches & Parts
Office Products	<ul style="list-style-type: none"> • Account Books, Receipt Books & Binders • Adhesive & Tape • Calculators • Calendars • Chalkboards & Dry Erase Boards • Documents & Business Cards • Erasers • Filing Cabinets & Trays • Letter Openers • Other Mathematical Tools • Other Plastic School Supplies • Paper & Paperboard • Pencil Sharpeners, Staplers & Other Office Machines • Pens & Pencils • Printers & Ink • Safety Pins, Paper Clips & Staples • Scissors • Stamps
Pet Supplies	<ul style="list-style-type: none"> • Cages & Accessories • Fish Tanks, Terrariums & Accessories • Food Bowls • Leashes, Harnesses & Saddles • Litter Box • Pet Beds • Pet Food • Pet Toys
Sports & Outdoors	<ul style="list-style-type: none"> • Air Mattresses & Sleeping Bags • Air Pumps • Binoculars & Telescopes • Camping Backpacks & Sports Bags • Compasses • Firearms & Weapons • Firewood & Charcoal • Fireworks & Flares • Fishing Gear • Grills & Stoves • Hammocks • Lamps & Flashlights • Matches & Lighters • Pans & Dutch Ovens • Sports Equipment & Balls • Tents, Tarps & Rope • Umbrellas • Walking Sticks & Whips

	<ul style="list-style-type: none"> • Water Sports • Winter Sports
Tools & Construction materials	<ul style="list-style-type: none"> • Carpet, Flooring and Tile • Doors & Windows • Hand Tools • Lawn Equipment • Lumber & Furniture Wood • Metal Mountings • Moulding Patterns & Engineering Drawings • Nails, Screws & Bolts • Other Equipment • Other Metal Equipment • Paint, Varnish & Paint Thinner • Pipes & Hoses • Power Tools & Parts • Pulleys, Winches & Generators • Pumps, Compressors & Generators • Roofing • Safety Gear & Scaffolding • Stone, Gravel & Brick • Tape, Construction Adhesive & Putty • Wire & Rods
Toys & Games	<ul style="list-style-type: none"> • Amusement Park Equipment • Arcade Games • Games & Puzzles • Other Toys • Wheeled Toys