

Overview

This document outlines the steps for shippers to access package data feeds through the USPS Informed Visibility Mail Tracking & Reporting (IV-MTR) application. IV-MTR provides shippers with valuable insights into transactions and adjustments for the packages shipped with USPS. Data feeds are customizable for frequency/time and are available for download. Package and adjustment transactions are both debited from an Enterprise Payment Account. Transactions are available as a data feed from the IV-MTR system and are created two ways:

1. From package data that has been sent to USPS through a Manifest or via a Label API request.
2. After an adjustment has been made on a package processed by USPS and a difference (e.g., weight) from the manifest is identified.

Get Started

To access IV-MTR data feeds, users must have a USPS Business Account. Users can create a USPS account through the [Customer Onboarding Portal \(COP\)](https://reg.usps.com/login) (<https://reg.usps.com/login>). If you've already registered through COP, you will automatically have access to a default set of USPS Ship and Enterprise Payment System (EPS) data feeds (Census Attributes, Outbound Transactions Payment Details, Transactions Network Returns, and Pricing Notification). For all other customers:

1. Request access to USPS Ship and EPS Data.
 - a. Log in to the [Business Customer Gateway](https://gateway.usps.com/eAdmin/view/signin) (<https://gateway.usps.com/eAdmin/view/signin>).
 - b. Navigate to Shipping Services, scroll to USPS Ship Reports, select Get Access, Go to Service.
 - c. Navigate to Additional Services, scroll to Enterprise Payment System, select Get Access, Go to Service.
 - d. Access various reports such as the Landing Page, Manifest Summary, Census Verification, etc.
2. Request access to IV-MTR Data.
 - a. After USPS Ship enrollment is complete, log in to the [Business Customer Gateway](https://gateway.usps.com/eAdmin/view/signin), navigate to Manage Services and scroll to Informed Visibility.
 - b. Select Get Access, then select Go to Service once access has been granted.
 - c. Detailed instructions for setting up the IV-MTR service can be found at '[Applying for Access to Informed Visibility Mail Tracking & Reporting](#)' on PostalPro.

Recommended Data Feeds

Data dictionaries defining the available data elements and descriptions of the feeds are available at:

[USPS Ship Data Dictionary | PostalPro](#) for manifest processing and adjustments.

[Enterprise Payment System IV-MTR Data Elements | PostalPro](#) for payment account transactions. **Note: Items in italics are in the Enterprise Payment System (EPS) Data Dictionary*

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|--|---|
| • Census Attributes* | • SQA Monthly Transaction |
| • Duplicate Packages – Outbound* | • Transaction Details Report* |
| • Duplicate Packages – Returns* | • Unmanifested Packages* |
| • IMpb Daily Assessment | • Unused Labels* |
| • IMpb Error Details | • Variance |
| • IMpb Monthly Assessment | • <i>Credit Card Payments</i> |
| • IMpb Monthly Transaction | • <i>Details - Commercial Mailings</i> |
| • Outbound Transactions Payment Details* | • <i>Details - Commercial Postal Store</i> |
| • Package Errors and Warnings | • <i>Details - Deposits & Trust Corrections</i> |
| • Package Transaction Details | • <i>Details - Domestic Outbound</i> |
| • Platform Commission Report | • <i>Details - Network Returns*</i> |
| • Pricing Notification | • <i>Details - PC Postage</i> |
| • SQA Package Level Details | • <i>Details - PO Boxes</i> |
| • SQA Monthly Assessment | |

*Include an 'Only include Transactions with an ACH Debit ID' checkbox

Available Data Feeds

Data Feed Name	Description
Census Attributes	Includes a list of packages charged additional postage due to a mismatch between the pricing elements from the manifest and from processing for packaging, weight, dimensions, or entry/zone.
Duplicate Packages	Includes a list of packages that were identified as duplicates and were not initially paid for and have been assessed postage. Includes warnings, warning removals, and error confirmations in the duplicate IMpb data feeds.
IMpb Daily Assessment	Includes the summary of the daily threshold for IMpb (% of packages in error).
IMpb Error Details	Includes packages that had an error for Barcode Quality, Address Quality, or Manifest Quality.
IMpb Monthly Assessment	Includes assessment details on Barcode Quality, Address Quality, or Manifest Quality for the month.
IMpb Monthly Transaction	Includes packages that exceeded threshold for Barcode Quality, Address Quality, or Manifest Quality.
Outbound Transactions Payment Details	Displays a list of individual package charges that were aggregated into a single EPS transaction; updating to include ACH withdrawal amount; include Third Party Billing (TPB) Indicator, TPB CRID, TPB Company Name.
Package Errors and Warnings	Includes all validation and advanced pricing results that were provided for each package within a particular Electronic File Number within the manifest.
Package Transaction Details	Includes a breakdown of package level rate ingredients (i.e. extra service) used to calculate total postage charged. The extract includes Enterprise Payment System (EPS) transaction information and, where applicable, the ACH Debit Transaction ID.
Platform Commission Report	Details on Connect eCommerce commission payments for participating platforms.
Pricing Notification	Includes the IMpb and rate elements that were used to price the package.
SQA Monthly Assessment	Includes the Statistical Quality Adjustment (SQA) for DDU entry that will be charged for the month.
SQA Monthly Transaction	Includes the Statistical Quality Analysis (SQA) for DDU entry that was charged for the month.
SQA Package Level Details	Includes the manifested pricing elements and sample pricing elements that were used to for the Statistical Quality Analysis (SQA) for DDU entry.
Transaction Details Report	Displays a list of individual package charges that were aggregated into a single EPS transaction.
Unmanifested Packages	Includes a list of packages that were not initially paid for and have been assessed postage. A package is identified as unmanifested when a scan is received without a corresponding manifest. Include warnings, warning removals, and error confirmations in the pieces without a manifest data feed.
Unused Labels	Includes the unused labels that were submitted for a refund and the rejection reason (if applicable).
Variance	Displays the packages with postage discrepancies calculated between manifested pricing elements and manifest postage provided in the manifest.
Credit Card Payments	<i>Includes Credit Card Payment transaction details for non-aggregated Credit Card payments.</i>
Details – Commercial Mailings	<i>Includes the detailed transaction information for commercial mailings.</i>
Details – Commercial Postal Store	<i>Includes the detailed transaction information for Commercial Postal Store transactions.</i>
Details – Deposits & Trust Corrections	<i>Includes Deposit & Trust Correction transaction details for transactions used to fund and adjust EPS trust account balances.</i>
Details – Domestic Outbound	<i>Includes the transaction details for packages processed.</i>
Details - Network Returns	<i>Includes the detailed transaction information for each Network Returns transaction.</i>
Details – PC Postage	<i>Includes the detailed transaction information for transactions used to fund PC Postage Meters using an EPS Account.</i>
Details – PO Boxes	<i>Includes the detailed transaction information for PO Box transactions.</i>

Reconciliation Scenarios and Data Feeds

Users can access multiple data feeds for reconciliation, managing postage, and assessing package quality data. Below are common scenarios and recommended data feeds for reconciling transaction data for USPS Ship charges.

Manifest Transaction – Near Real-time Charge

Data feeds mapped to PIC from Manifest:

- Pricing Notification
- Package Errors and Warnings (PEW)
- Variance

Data feeds to reconcile a Manifest transaction:

- Package Transaction Details [***Recommended**]
 - EPS Transaction ID
 - ACH Withdrawal ID
 - Credit Card Withdrawal ID
 - Invoice ID
 - Package Identification Code (PIC)
 - **USPS Calculated Total Postage**
 - Transaction Type (Purchase, Adjustment, Refund)
- Outbound Transaction Payment Details (OTPD)
 - EPS Transaction ID
 - ACH Withdrawal ID
 - PIC
 - **USPS Calculated Total Postage**
- Transaction Details Report (TDR)
 - EPS Transaction ID
 - ACH Withdrawal ID
 - Package Identification Code (PIC)
 - **Postage**
 - Transaction Type (Purchase, Adjustment, Refund)
- *Details - Domestic Outbound*
 - Transaction (same as EPS Transaction ID)
 - PIC

Census Adjustment – Near Real-time Charge

- Package Transaction Details [***Recommended**]
 - EPS Transaction ID
 - ACH Withdrawal ID
 - Credit Card Withdrawal ID
 - Invoice ID
 - Package Identification Code (PIC)
 - **USPS Calculated Total Postage**
 - Transaction Type (Purchase, Adjustment, Refund)
- Census Attributes
 - IMpb
 - ACH Withdrawal ID
 - Transaction ID (same as EPS Transaction ID)
 - **Assessed Postage**
- Transaction Details Report
 - Package Identification Code (PIC) [*Note: PIC, not IMpb here*]
 - ACH Withdrawal ID
 - EPS Transaction ID
 - **Transaction Amount**
 - Transaction Type (Purchase, Adjustment, Refund)

Duplicates – Monthly Assessment

- Duplicate Packages – Outbound
[*Recommended]
 - Tracking Number (IMpb or PIC)
 - Notification Type (DUPLICATE_WARNING, DUPLICATE_REMOVED, DUPLICATE_CHARGED)
 - ACH Withdrawal ID *[After ACH withdrawal is generated]*
 - Transaction ID (same as EPS Transaction ID) *[After transaction is generated]*
 - **USPS Calculated Postage** *[After assessment is generated]*
- Package Transaction Details *[After transaction is created]* [*Recommended]
 - EPS Transaction ID
 - ACH Withdrawal ID
 - Credit Card Withdrawal ID
 - Invoice ID
 - Package Identification Code (PIC)
 - **USPS Calculated Total Postage**
 - Transaction Type (Purchase, Adjustment, Refund)
- Transaction Details Report *[After transaction is created]*
 - Package Identification Code (PIC) *[Note: PIC, not IMpb]*
 - ACH Withdrawal ID
 - EPS Transaction ID
 - **Transaction Amount**
 - Transaction Type (Purchase, Adjustment, Refund)

Unmanifested – Monthly Assessment

- Unmanifested Packages [*Recommended]
 - Tracking Number (PIC)
 - Notification Type (UNMANIFESTED_WARNING, UNMANIFESTED_REMOVED, UNMANIFESTED_CHARGED)
 - ACH Withdrawal ID *[After ACH withdrawal is generated]*
 - Transaction ID (same as EPS Transaction ID) *[After transaction is generated]*
 - **Postage** *[After assessment is generated]*
- Package Transaction Details *[After transaction is created]* [*Recommended]
 - EPS Transaction ID
 - ACH Withdrawal ID
 - Credit Card Withdrawal ID
 - Invoice ID
 - Package Identification Code (PIC)
 - **USPS Calculated Total Postage**
 - Transaction Type (Purchase, Adjustment, Refund)
- Transaction Details Report *[After transaction is created]*
 - Package Identification Code (PIC) *[Note: PIC, not IMpb]*
 - ACH Withdrawal ID
 - EPS Transaction ID
 - **Transaction Amount**
 - Transaction Type (Purchase, Adjustment, Refund)

Unmanifested – Monthly Fee

- Package Transaction Details *[After transaction is created]* **[*Recommended]**
 - EPS Transaction ID
 - ACH Withdrawal ID
 - Credit Card Withdrawal ID
 - Invoice ID
 - Package Identification Code (PIC)
 - **USPS Calculated Total Postage**
 - Transaction Type (Purchase, Adjustment, Refund)
- Transaction Details Report *[After transaction is created]*
 - ACH Withdrawal ID
 - EPS Transaction ID
 - **Transaction Amount**
 - Transaction Type = Adjustment
- *Details - Domestic Outbound*
 - Unmanifested Per Piece Fee
 - Mail Class
 - Adjustment Details = Unmanifested Monthly

Package Quality Noncompliance – Monthly Assessment

- Package Quality Noncompliance Error Details (currently 'IMpb Error Details') **[*Recommended]**
 - Tracking Number (PIC)
 - Notification Type (Error, Warning, Error Removal, Warning Removal)
- Package Quality Noncompliance Monthly Transaction (currently 'IMpb Monthly Transaction')
 - Transaction ID (same as EPS Transaction ID) *[After transaction is created]*
 - **Postage** *[After assessment is generated]*
- Package Transaction Details **[*Recommended]**
 - EPS Transaction ID
 - ACH Withdrawal ID
 - Credit Card Withdrawal ID
 - Invoice ID
 - Package Identification Code (PIC)
 - **USPS Calculated Total Postage**
 - Transaction Type (Purchase, Adjustment, Refund)
- Transaction Details Report *[After transaction is created]*
 - Package Identification Code (PIC) *[Note: PIC, not IMpb]*
 - ACH Withdrawal ID
 - EPS Transaction ID
 - **Transaction Amount**
 - Transaction Type (Purchase, Adjustment, Refund)

Unused Label Refunds – Near real-time

- Unused Labels [***Recommended**]
 - Package Identification Code (PIC) *[Note: PIC, not IMpb]*
 - EPS Transaction ID
- Package Transaction Details *[After transaction is created]* [***Recommended**]
 - EPS Transaction ID
 - ACH Withdrawal ID
 - Credit Card Withdrawal ID
 - Invoice ID
 - Package Identification Code (PIC)
 - **USPS Calculated Total Postage**
 - Transaction Type (Purchase, Adjustment, Refund)
- Transaction Details Report *[After transaction is created]*
 - Package Identification Code (PIC) *[Note: PIC, not IMpb]*
 - ACH Withdrawal ID
 - EPS Transaction ID
 - **Transaction Amount**
 - Transaction Type (Purchase, Adjustment, Refund)

Returns – Near real-time

- Pricing Notification
 - Package Identification Code (PIC)
- *Details - Network Returns*
 - Package Identification Code (PIC)
 - EPS Transaction ID
- Package Quality Noncompliance Error Details (currently 'IMpb Error Details')
 - Tracking Number (PIC)
 - Notification Type
- Package Quality Noncompliance Monthly Transaction (currently 'IMpb Monthly Transaction')
 - Transaction ID (same as EPS Transaction ID) *[After transaction is created]*
 - **Postage** *[After assessment is generated]*
- Package Transaction Details
 - EPS Transaction ID
 - ACH Withdrawal ID
 - Credit Card Withdrawal ID
 - Invoice ID
 - Package Identification Code (PIC)
 - **USPS Calculated Total Postage**
 - Transaction Type (Purchase, Adjustment, Refund)
- Transaction Details Report
 - EPS Transaction ID
 - Transaction Type (Purchase, Adjustment, Refund)

Resources

For step-by-step instructions, please consult the below guides found on Postal Pro.

- [Orientation Training for Informed Visibility Mail Tracking & Reporting](#)
- [Setting up IV-MTR® USPS Ship Domestic Outbound Data Feeds](#)
- [Provisioning USPS Ship and EPS Data Through IV-MTR](#)
- [Enterprise Payment System IV-MTR Data Elements](#)
- [Subscription-Adjustments APIs](#)

IV Display Name
Transmission Date
Mailing Date
Master MID
Manifest Transaction ID
Electronic File Number
IMpb
PIC
Mailer ID
Mail Class
Service Type Code
Processing Category
Weight
USPS Dimensional Weight
Length
Width
Height
Entry ZIP Code
Destination ZIP Code
Zone
DRI
Rate Indicator
Base SKU
Base Postage
Published Price
Nonstandard Fee - Len Threshold 1
Nonstandard Fee - Len Threshold 2
Nonstandard Fee - Vol Threshold
Extra Service Code1
Extra Service Code2
Extra Service Code3
Extra Service Code4
Extra Service Code5
Extra Service1 Postage Amount
Extra Service2 Postage Amount
Extra Service3 Postage Amount
Extra Service4 Postage Amount

Extra Service5 Postage Amount
Extra Service1 SKU
Extra Service2 SKU
Extra Service3 SKU
Extra Service4 SKU
Extra Service5 SKU
Surcharge SKU
Warnings
Manifest Package ID
Manifest Dimensional Weight
Manifest DRI
Manifest Rate Indicator
TPB
TPB Shipper CRID
TPB Shipper Name
Destination Country Code
Foreign Postal Code
Customer Reference 1
Customer Reference 2
Permit Finance Number
Permit Type
Permit Number
Price Type
Manifest Postage
USPS Calculated Total Postage
Payment Method
Transaction Type
Transaction Description
Transaction Amount
Total Packages
EPS Account Nickname
EPS Account Number
EPS Transaction Date/Time
EPS Transaction ID
ACH Withdrawal ID

Note: Businesses with multiple locations or enrolling in returns should call the MSSC at (877) 672-0007.

For IV-MTR assistance, contact the IV Solutions Center, InformedVisibility@usps.gov, 1-800-238-3150, Option #2.

For USPS Ship assistance, contact the USPS Ship Helpdesk, uspsshipsupport@usps.gov, 1-877-672-0007, Option #7, Option #1.

