

## Assessable Metrics by Program

The tables below list all assessable errors by USPS program. Mail Owners will only see results for mailpieces, handling units, and containers where they are identified as the Mail Owner when they are correctly identified as the Mail Owner in the By/For fields within the electronic documentation (eDoc).

### Full-Service Intelligent Mail

Full-Service verification data is located on the Electronic Verification tab of the Mailer Scorecard. For more detail, please see the [Guide to Intelligent Mail](#) on RIBBS.

Error Type	Error	Threshold	Description	Calculation	Postage Assessment
Valid MID	MID Container	2%	A MID Container error is logged when the Mailer ID in the Intelligent Mail container barcode was not assigned by the USPS, and is invalid, or cannot be found.	FS Containers with MID Errors	For containers in error over the threshold, each piece within the container is assessed the full service discount amount, based on the mail class of the piece.  If the container in error is part of a logical container, each piece within the logical container is assessed the full service discount amount.
			This error is logged at the container level.  This error is derived from eDoc only.	Total FS Containers Submitted in eDoc	
Valid MID	MID Handling Unit	2%	A MID Handling Unit error is logged when the Mailer ID in the Intelligent Mail tray barcode was not assigned by the USPS, and is invalid, or cannot be found.	FS Handling Units with MID Errors	For handling units in error over the threshold, each piece within the container is assessed the full service discount amount, based on the mail class of the piece.  If the handling unit in error is part of a logical handling unit, each piece within the logical handling unit is assessed the full service discount amount.
			This error is logged at the handling unit level.  This error is derived from eDoc only.	Total FS Handling Units Submitted in eDoc	

Error Type	Error	Threshold	Description	Calculation	Postage Assessment
Valid MID	MID Piece	2%	<p>A MID Piece error is logged when the Mailer ID in the Intelligent Mail barcode was not assigned by the USPS, and is invalid, or cannot be found.</p> <p>This error is logged at the piece level.</p> <p>This error is derived from eDoc only.</p>	$\frac{\text{FS Pieces with MID Errors}}{\text{Total FS Pieces Submitted in eDoc}}$	Each piece in error over the threshold is assessed the full service discount amount, based on the mail class of the piece.
Valid STID	STID	2%	<p>A STID error is logged when the Service Type ID in the Intelligent Mail barcode is missing or not valid and correct for the class and service level of the mailpiece.</p> <p>This error is logged at the piece level.</p> <p>This error is derived from eDoc only.</p>	$\frac{\text{FS Pieces with STID Errors}}{\text{Total FS Pieces Submitted in eDoc}}$	Each piece in error over the threshold is assessed the full service discount amount, based on the mail class of the piece.

Error Type	Error	Threshold	Description	Calculation	Postage Assessment
By/For	By/For	5% *	<p>A By/For error is logged when the mail owner and mail preparer are not identified and accurate in the eDoc. Do the mail owner and mail preparer identifiers (MID, CRID, or Permit) provided in the eDoc exist in USPS reference systems?</p> <p>Is the mail owner also identified as the mail preparer within the same mailing?</p> <p>Has the mail owner been identified as a mail preparer in another mailing in the past 90 days?</p> <p>This error is logged at the piece level.</p> <p>This error is derived from eDoc only.</p>	$\frac{\text{FS Pieces with By/For Errors}}{\text{Total FS Pieces Submitted in eDoc}}$	<p>Each piece in error over the threshold is assessed the full service discount amount, based on the mail class of the piece.</p> <p>Pieces with multiple by/for errors will only be assessed once.</p>
Unique Barcode	Barcode Uniqueness Container	2%	<p>A Barcode Uniqueness container error is logged when the Intelligent Mail container barcode found in the edoc is not unique across all mailings from all mailers over the previous 45 days of the Postage Statement Mailing Date that was provided in eDoc.</p> <p>This error is logged at the container level.</p> <p>This error is derived from eDoc only.</p>	$\frac{\text{Containers with Barcode Uniqueness Container Errors}}{\text{Total FS Containers Submitted in eDoc}}$	<p>For containers in error over the threshold, each piece within the container is assessed the full service discount amount, based on the mail class of the piece.</p> <p>If the container in error is part of a logical container, each piece within the logical container is assessed the full service discount amount.</p>

Error Type	Error	Threshold	Description	Calculation	Postage Assessment
Unique Barcode	Barcode Uniqueness Handling Unit	2%	<p>A Barcode Uniqueness Handling Unit error is logged when the Intelligent Mail tray barcode found in the edoc is not unique across all mailings from all mailers over the previous 45 days of the Postage Statement Mailing Date that was provided in eDoc.</p> <p>This error is logged at the handling unit level.</p> <p>This error is derived from eDoc only.</p>	$\frac{\text{Handling Units with Barcode Uniqueness Handling Unit Errors}}{\text{Total FS Handling Units Submitted in eDoc}}$	<p>For handling units in error over the threshold, each piece within the container is assessed the full service discount amount, based on the mail class of the piece.</p> <p>If the handling unit in error is part of a logical handling unit, each piece within the logical handling unit is assessed the full service discount amount.</p>

Error Type	Error	Threshold	Description	Calculation	Postage Assessment
Unique Barcode	Barcode Uniqueness Piece	2%	<p>A Barcode Uniqueness Piece error is logged when the Intelligent Mail barcode is not unique across all mailings from all mailers over the previous 45 days of the Postage Statement Mailing Date that was provided in eDoc</p> <p>Note: The MID, Serial Number, and Mail Class from the STID define a unique IMb. If the same MID and Serial Number are used on two mailpieces with two different STIDs that indicate the same class of mail (for example First-Class STIDs 314 and 320), those pieces will be flagged as non-unique.</p> <p>This error is logged at the piece level.</p> <p>This error is derived from eDoc only.</p>	$\frac{\text{FS Pieces with Barcode Uniqueness Piece Errors}}{\text{Total FS Pieces Submitted in eDoc}}$	Each piece in error over the threshold is assessed the full service discount amount, based on the mail class of the piece.

Error Type	Error	Threshold	Description	Calculation	Postage Assessment
Entry Facility	Entry Facility Container	2%	<p>An Entry Facility Container is logged when the entry facility as included in the eDoc (Locale Key or Postal Code) of the container is not a valid Postal Service location in the Facility File of the Drop-Ship Product File.</p> <p>This error is logged at the container level.</p> <p>This error is derived from eDoc only.</p>	<p>FS Containers with Entry Facility Errors</p> <hr/> <p>Total FS Containers Submitted in eDoc</p>	<p>For containers in error over the threshold, each piece within the container is assessed the full service discount amount, based on the mail class of the piece.</p> <p>If the container in error is part of a logical container, each piece within the logical container is assessed the full service discount amount.</p>
Entry Facility	Entry Facility Handling Unit	2%	<p>An Entry Facility Handling Unit is logged when the entry facility as included in the eDoc (Locale Key or Postal Code) of a handling unit, without a container, not a valid Postal Service location in the Facility File of Drop-Ship Product File.</p> <p>This error is logged at the handling unit level.</p> <p>This error is derived from eDoc only.</p>	<p>FS Orphan Handling Units with Entry Facility Errors</p> <hr/> <p>Total FS Orphan Handling Units Submitted in eDoc</p>	<p>For handling units in error over the threshold, each piece within the container is assessed the full service discount amount, based on the mail class of the piece.</p> <p>If the handling unit in error is part of a logical handling unit, each piece within the logical handling unit is assessed the full service discount amount.</p>

Error Type	Error	Threshold	Description	Calculation	Postage Assessment
Unlinked Copal	Unlinked Copal	5%	<p>An Unlinked Copal error is logged when a tray/virtual sack is marked for copalletization at origin but no electronic documentation is submitted with the tray/virtual sack on a pallet.</p> <p>This validation is logged against the handling unit (either tray or virtual sack) and is checked against the threshold by comparing the number of handling units with an unlinked copal error / total number of handling units. This was previously called an OCI error.</p> <p>This error is derived from eDoc only.</p>	Trays or Virtual Sacks with Unlinked Copal Errors	<p>For handling units in error over the threshold, each piece within the container is assessed the full service discount amount, based on the mail class of the piece.</p> <p>If the handling unit in error is part of a logical handling unit, each piece within the logical handling unit is assessed the full service discount amount.</p>
				FS Trays or Virtual Sacks	

\* A custom by/for threshold may be set for a mailer who accepts more than 5% of volume from small mailers presenting less than 5,000 pieces per day

### Move/Update

Move/Update verification data is located on the Electronic Verification tab of the Mailer Scorecard. The error calculation only applies to those who submit over 75% Full Service Pieces. For more detail, please see the [Guide to Intelligent Mail](#) on RIBBS.

Error Type	Threshold	Description	Calculation	Postage Assessment
Move Update	.8%	<p>A Move/Update error is logged when the address on the mailpiece has not been updated due to a COA record where the more current of the COA Move Effective and COA Create date is between 95 days and 18 months of the postage statement finalization date.</p> <p>This error is derived from scans.</p>	<p>Change of Address Errors</p> <p>-----</p> <p>Move Update Eligible Pieces</p>	The pieces in error above the threshold will be assessed the appropriate Move Update surcharge.

## eInduction

eInduction verification data is located on the eInduction tab of the Mailer Scorecard. Mail Owners will only be able to see eInduction verification results on the Mailer Scorecard for containers where they have pieces in which they are identified as the mail owner. For more detail, please see the [Guide to eInduction](#) on RIBBS.

Error Type	Threshold	Description	Calculation	Postage Assessment
(Extra) Undocumented	0.00%	<p>An Undocumented error is logged when a scanned Intelligent Mail container barcode (IMcb) is not in any eDoc. Mailers have a 10 day grace period to upload the eDoc after container is scanned. No additional verifications are performed on Undocumented containers.</p> <p>This error is derived from scans.</p>	$\frac{\text{\# of scanned containers with undocumented errors}}{\text{\# of scanned containers (documented and undocumented)}}$	<p>Each container above the threshold will be assessed the 30-day average postage for all containers and mail classes mailed by the eDoc submitter CRID.</p> <p>Note: Seamless mailers will not be assessed for eInduction Undocumented errors</p>
Payment	0.0%	<p>A Payment error is logged when the postage statements for a scanned container are not in a finalized (FIN) or finalized pending payment (FPP) status.</p> <p>This error is derived from scans.</p>	$\frac{\text{\# of scanned containers with payment errors}}{\text{\# of scanned containers (documented and undocumented)}}$	<p>Each container above the threshold will be assessed the appropriate container charge as found on the unfinalized postage statement.</p> <p>Note: Seamless mailers will not be assessed for eInduction Payment errors</p>
Duplicate	0.17%	<p>A Duplicate error is logged when the same physical container barcode IMcb is used on two or more containers within 45 days of the eDoc Postage Statement Mailing Date and has not been included in edoc. An error is logged for the second and any subsequent containers received on different appointments.</p> <p>This error is derived from scans.</p>	$\frac{\text{\# of scanned containers with duplicate errors}}{\text{\# of scanned containers (documented and undocumented)}}$	<p>Additional postage will be determined by applying the postage paid for the original instance of the duplicate container to all subsequent duplicates.</p> <p>Only containers over the threshold will be assessed.</p>

Error Type	Threshold	Description	Calculation	Postage Assessment
Misshipped	1.05%	<p>A Misshipped error is logged when the container is scanned at an incorrect entry location, per the Mail Direction File. The correct entry location is based on the Container Destination ZIP and container-level entry facility type provided in the eDoc. Misshipped errors are only logged on containers that claim a destination entry discount.</p> <p>This error is derived from scans.</p>	$\frac{\text{\# of scanned containers with misshipped errors}}{\text{\# of scanned containers (documented and undocumented)}}$	<p>Additional postage will be determined by re-calculating the postage with entry discount = "None" and calculating the difference between the postage paid and the recalculated postage. The new postage amounts will be the difference between the correct postage and the postage paid.</p> <p>Only containers over the threshold will be assessed.</p>
Entry Point Discount (EPD)	TBD	<p>An Entry Point Discount error is logged when one or more pieces on a container claim an entry discount level that is not available at the location where the container was entered. The Mail Direction File defines the available entry discount levels for each entry location. EPD errors are only logged on containers that claim a destination entry discount.</p> <p>This error is derived from scans.</p>	$\frac{\text{\# of scanned containers with EPD errors}}{\text{\# of scanned containers (documented and undocumented)}}$	<p>Additional postage will be determined by re-calculating the postage with the correct entry discount and calculating the difference between the postage paid and the recalculated postage. The new postage amount will be the difference between the correct postage and the postage paid.</p> <p>Only containers over the threshold will be assessed.</p>

Error Type	Threshold	Description	Calculation	Postage Assessment
<p>Zone Discount (Periodicals and BPM Only)</p>	<p>0.01%</p>	<p>A Zone error is logged when one or more pieces on a container claim a lower entry Zone than the Zone calculated between the location where the container was entered and the destination from the eDoc. Zones are defined using the USPS Zone chart. Zone errors are only logged on containers that claim a zone discount.</p> <p>This error is derived from scans.</p>	$\frac{\text{\# of scanned containers with zone discount errors}}{\text{\# of scanned containers (documented and undocumented)}}$	<p>Additional postage will be determined by re-calculating the postage with correct zone discount and calculating the difference between the postage paid and the recalculated postage. The new postage amounts will be the difference between the correct postage and the postage paid.</p> <p>Only containers over the threshold will be assessed.</p>

## Seamless Acceptance

Seamless Acceptance verification data is located on the Seamless tab of the Mailer Scorecard, but is only displayed in the eDoc Submitter view. Beginning in May 2015, Mail Owners will have access to the Seamless tab of the Mailer Scorecard. Mail Owners will only be able to see results for pieces in which they are identified as the Mail Owner in eDoc. For more detail, please see the [Guide to Seamless Acceptance](#) on RIBBS.

Error Type	Threshold	Description	Calculation	Postage Assessment
Undocumented	.3%**	<p>An Undocumented error is logged when a scanned Intelligent Mail barcode cannot be found in electronic documentation that has an associated finalized postage statement.</p> <p>This error is derived from scans.</p>	$\frac{\text{MPE Undocumented pieces} + \text{Sampling Undocumented Pieces}}{\text{MPE Undocumented Pieces} + \text{Sampling Undocumented Pieces} + \text{Pieces in eDoc that received an MPE scan}}$	<p>Each piece in error above the threshold will be assessed the current month average postage paid by mail class for the CRID to which the undocumented piece has been associated. If the current month average postage cannot be determined for the mail class and CRID then the previous month average postage should be used. If an average postage paid cannot be determined for either the current or previous month for a mail class for the CRID then the average postage by mail class for all eDoc Submitters for the previous month will be used.</p>
Delivery Point	2%	<p>A Delivery Point Error is logged when the 5-, 9-, or 11-digit routing code portion of the Intelligent Mail barcode is invalid, the wrong length, or missing.</p> <p>This error is derived from eDoc only.</p>	$\frac{\text{Pieces with delivery point errors}}{\text{Total pieces submitted in eDoc}}$	<p>Each piece in error above the threshold will lose the automation discount and will be charged the appropriate non-auto rate for the mail class, processing category, and weight as identified in eDoc.</p> <p>The assessment will calculate the difference between the original piece postage and the new piece postage.</p>

Error Type	Threshold	Description	Calculation	Postage Assessment
Nesting/Sortation (Mail Processing Equipment)	1%	<p>A Nesting/Sortation (MPE) error is logged when the scanned Intelligent Mail barcode is found in a reconstructed tray with a different presort level or destination ZIP Code than the nested tray from the eDoc. Trays are reconstructed when 80 or more pieces from the same eDoc tray are scanned in a row on the same piece of MPE.</p> <p>This error is derived from scans.</p>	$\frac{\text{Pieces with MPE nesting/sortation errors}}{\text{Total pieces submitted in eDoc}}$	<p>Each piece in error above the threshold will be charged at the appropriate mixed rate (Mixed AADC/Mixed ADC) by mail class, processing category and weight as identified in eDoc.</p> <p>The assessment will calculate the difference between the original piece postage and the new piece postage.</p>
Nesting/Sortation (Sampling)	PAF 1.05***	<p>A Nesting/Sortation (Sampling) error is logged when the presort level of a sampled piece was incorrectly identified in the eDoc or the presort level of the sampled piece does not match the presort level of the physical handling unit sampled.</p>	$\frac{\text{Sum of Adjusted Postage for pieces sampled with statistically significant sampling errors (postage, weight) + eDoc postage for pieces sampled not in error + eDoc postage for pieces with sampling errors not statistically significant}}{\text{Sum of eDoc Postage for all sampled pieces}}$	<p>Each piece in error will be charged at the appropriate mixed rate (Mixed AADC/Mixed ADC) by mail class, processing category and weight as identified in eDoc.</p> <p>The new piece rates will be factored into the PAF calculation. For more information on how the PAF is calculated and assessed, please refer to the Seamless Guide.</p>

Error Type	Threshold	Description	Calculation	Postage Assessment
Postage (Sampling)	PAF 1.05***	<p>A Postage error is logged when the postage affixed amount, or the postage payment method, of the sampled piece does not match the postage information in the eDoc.</p> <p>This error is derived from scans.</p>	$\frac{\text{Sum of Adjusted Postage for pieces sampled with statistically significant sampling errors (postage, weight) + eDoc postage for pieces sampled not in error + eDoc postage for pieces with sampling errors not statistically significant}}{\text{Sum of eDoc Postage for all sampled pieces}}$	<p>If the postage affixed on the piece is different than the postage affixed in eDoc, the additional postage for each piece will be determined by calculating the delta between the postage affixed and the eDoc postage. If the eDoc claimed that postage was affixed and the sample postage payment method does not require postage to be affixed, then additional postage due will be the amount of affixed postage claimed in eDoc.</p> <p>Note: Ad percentage is not recalculated</p> <p>The new piece rates will be factored into the PAF calculation. For more information on how the PAF is calculated and assessed, please refer to the Seamless Guide.</p>
Weight (Sampling)	PAF 1.05***	<p>A Weight error is logged when the weight of the sampled piece does not match the weight in the eDoc and crosses a weight category or exceeds a threshold set for pound postage.</p> <p>This error is derived from scans.</p>	$\frac{\text{Sum of Adjusted Postage for pieces sampled with statistically significant sampling errors (postage, weight) + eDoc postage for pieces sampled not in error + eDoc postage for pieces with sampling errors not statistically significant}}{\text{Sum of eDoc Postage for all sampled pieces}}$	<p>Pieces in error will be charged using the rate of sampled piece weight by mail class and processing category as identified in eDoc.</p> <p>The new piece rates will be factored into the PAF calculation. For more information on how the PAF is calculated and assessed, please refer to the Seamless Guide.</p>

Error Type	Threshold	Description	Calculation	Postage Assessment
Mail Characteristic (Sampling)	PAF 1.05***	<p>A Mail Characteristic error is logged when the sampled piece does not qualify as the type of mailing from the eDoc such as Processing Category, mail class, or nonprofit eligibility.</p> <p>This error is derived from scans.</p>	$\frac{\text{Sum of Adjusted Postage for pieces sampled with statistically significant sampling errors} + \text{eDoc postage for pieces sampled not in error} + \text{eDoc postage for pieces with sampling errors not statistically significant}}{\text{Sum of eDoc Postage for all sampled pieces}}$	<p>Processing Category errors: Piece price is recalculated using the sampled processing category</p> <p>Standard Mail Eligibility errors: Will be charged at first class rate</p> <p>Non-Profit Eligibility errors: Will lose the non-profit discount</p> <p>The new piece rates will be factored into the PAF calculation. For more information on how the PAF is calculated and assessed, please refer to the Seamless Guide.</p>
Barcode Quality (Sampling)	PAF 1.05***	<p>A Barcode Quality error is logged when the scan of the sampled piece had an unreadable barcode or had no barcode on an automation piece.</p> <p>This error is derived from scans.</p>	$\frac{\text{Sum of Adjusted Postage for pieces sampled with statistically significant sampling errors} + \text{eDoc postage for pieces sampled not in error} + \text{eDoc postage for pieces with sampling errors not statistically significant}}{\text{Sum of eDoc Postage for all sampled pieces}}$	<p>Pieces in errors will lose the automation discount and the Full Service discount, and will be charged the non-auto rate.</p> <p>The new piece rates will be factored into the PAF calculation. For more information on how the PAF is calculated and assessed, please refer to the Seamless Guide.</p>

\*\* Note: As of July 1, 2015 the undocumented threshold has been reduced to .3%

\*\*\*Three postage adjustment factors, or PAFs—General (for sampling nesting/sortation errors, postage errors, and weight errors), Mail Characteristic and Barcode Quality—are applied to Seamless Acceptance sampling verifications.