

Threshold Process - June 2015 V2.0

Thresholds were established for the Full-Service Electronic Verifications, Move Update, Seamless Acceptance, and eInduction programs by using error data from all mailers participating in those programs. These thresholds were set at an achievable level as demonstrated by mailers within the mailing industry who were participating in the programs.

For each individual error type within a program (Full-Service, Move Update, eInduction, Seamless Acceptance) data is pulled from all participating mailers. Each mailer, as represented by an individual CRID, had an error percentage determined by each error type in each month if they were actively participating in the program. For example, CRID 123456 which submitted Full-Service mailings but not eInduction mailings would have an error percentage for each of the three months for barcode uniqueness piece error, an error percentage for STID errors, but not an error percentage for eInduction mis-shipped errors. Error data is aggregated solely across an eDoc submitter CRID. There is no data aggregation by Mailer ID, Permit, or Mail Owner used in setting thresholds.

A statistical analysis was performed to determine both an average and standard deviation for each error type using all available data. The threshold for each error type was set to at least one standard deviation from the average.

The Postal Service has established two mail quality thresholds for each of the Seamless Acceptance and eInduction verifications: the Mailer Contact threshold and the Egregious threshold. Mail quality errors exceeding the Egregious threshold indicate that a mailer has a potentially significant concern for that element of mail preparation. Additional postage is currently being assessed manually for errors above the Egregious threshold if no additional documentation can be provided to support the issue. Mail quality errors exceeding the Mailer Contact threshold indicate that a mailer is not consistently meeting the desired standard for that element of mail preparation. Additional postage will be assessed in the automated postage assessment process for errors above the Mailer Contact threshold. Once the automated postage assessment process is activated, the Egregious threshold will be retired.

For Move Update, an additional level of analysis was performed to compare the threshold to the existing MERLIN process.

Prior to the establishment of these thresholds the methodology and data points were shared and discussed during various MTAC meetings including: MTAC quarterly Open Sessions, WG 143 – Seamless Acceptance, WG 138 – eInduction, UG1 – *PostalOne!* and UG5- Addressing.

Additional information about each error type can be found in the Mail Entry Roadmap located on RIBBS.usps.gov

Below are the current error type and corresponding thresholds for each program.

Full-Service Intelligent Mail Thresholds

Full-Service verification data is located on the Electronic Verification tab of the Mailer Scorecard

Error Type	Mailer Scorecard Error	Threshold	Description
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
	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
	MID Piece	2%	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
Valid STID	STID	2%	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
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</p> <ul style="list-style-type: none"> Do the mail owner and mail preparer identifiers (MID, CRID, or Permit) provided in the eDoc exist in USPS reference systems? Is the mail owner also identified as the mail preparer within the same mailing? Has the mail owner been identified as a mail preparer in another mailing in the past 90 days? <p>*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</p>
Unique Barcode	Barcode Uniqueness Container	2%	A Barcode Uniqueness container error is logged when the Intelligent Mail container 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
	Barcode Uniqueness Handling Unit	2%	A Barcode Uniqueness Handling Unit error is logged when the Intelligent Mail tray 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

Error Type	Mailer Scorecard Error	Threshold	Description
	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>
Entry Facility	Entry Facility Container	2%	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
	Entry Facility Handling Unit	2%	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
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.</p> <p>This was previously called an OCI error.</p>

Additional information about each error type can be found in the Mail Entry Roadmap

(https://ribbs.usps.gov/intelligentmail_latestnews/documents/tech_guides/MailEntryRoadmap.pdf) and Guide to Intelligent Mail for Letters and Flats (https://ribbs.usps.gov/intelligentmail_guides/documents/tech_guides/GuidetoIntelligentMailLettersandFlats.pdf) located on RIBBS.usps.gov

Move/Update Threshold

Move/Update verification data is located on the Electronic Verification tab of the Mailer Scorecard

Error Type	Threshold	Error Type Description
Move Update	.8%	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.

Additional information about this error type can be found in the Mail Entry Roadmap

(https://ribbs.usps.gov/intelligentmail_latestnews/documents/tech_guides/MailEntryRoadmap.pdf) located on RIBBS.usps.gov

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.

Error Type	Threshold	Description
Undocumented	.5%	An Undocumented errors is logged when a scanned Intelligent Mail barcode cannot be found in electronic documentation that has an associated finalized postage statement.
(6/16/2015) Note: Beginning with July 2015 data, the undocumented threshold for all Seamless mailers will be reduced to 0.3%.		
Delivery Point	2%	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.
Nesting/Sortation (Mail Processing Equipment)	1%	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.
Nesting/Sortation (Sampling)	PAF 1.05*	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.
Postage (Sampling)		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.
Weight (Sampling)		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.
Mail Characteristic (Sampling)	PAF 1.05*	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.

Barcode Quality (Sampling)	PAF 1.05*	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.
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Additional information about each error type can be found in the Mail Entry Roadmap (https://ribbs.usps.gov/intelligentmail_latestnews/documents/tech_guides/MailEntryRoadmap.pdf) and Guide to Seamless Acceptance (https://ribbs.usps.gov/intelligentmail_guides/documents/tech_guides/GuidetoSeamlessAcceptance.pdf) located on RIBBS.usps.gov

eInduction Thresholds

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.

Error Type	Threshold	Description
(Extra) Undocumented	0.00%	An Undocumented error is logged when a scanned Intelligent Mail container barcode (IMcb) is not in any eDoc. Mailers have 10 day grace period to upload the eDoc after container is scanned. No additional verifications are performed on Undocumented containers.
Payment	0.0%	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.
Duplicate	0.17%	A Duplicate error is logged when the same IMcb is used on two or more containers within 45 days of the eDoc Postage Statement Mailing Date. An error is logged for the second and any subsequent containers received on different appointments.
Misshipped	1.05%	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.
Entry Point Discount (EPD)	TBD	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.
Zone Discount (Periodicals and BPM Only)	0.01%	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.

Additional information about each error type can be found in the Mail Entry Roadmap

(https://ribbs.usps.gov/intelligentmail_latestnews/documents/tech_guides/MailEntryRoadmap.pdf) and Guide to eInduction

(https://ribbs.usps.gov/intelligentmail_guides/documents/tech_guides/Guide_to_eInduction.pdf) located on RIBBS.usps.gov