

Explanatory notes: EMA-EMC mismatch report

Doc v1.1, 2020.08.31

Introduction

The report provides information about a single anomaly: when the destination country of an item was changed between EMSEVT event EMA (posting/collection) and event EMC (departure from outward office of exchange). This usually happens when the item destination country was entered wrongly initially and it was later corrected, after EMA was sent.

Although the report is sent on a monthly basis, it uses EMSEVT data of a sampling period consisting in one week (7 consecutive days) in the month.

Measurements are made only for items having both the EMA and EMC events in the sampling period.

It must be noted that when the final destination country of an item is set wrongly, the EMSEVT event EMA is sent to the wrong partner, with a potential impact on EDI based measurements.

If the percentage of mail with this error is not negligible, it may be linked to quality issues in data capturing.

Report organization

Here is a sample anonymized report:

EMA-EMC mismatch - March 2020

Operator: [REDACTED]

Summary:

orig EDI	Count EMA with EMC	Count dest changed in EMC	% dest changed in EMC
[REDACTED]001	34173	85	0.2
[REDACTED]330	6695	16	0.2
[REDACTED]350	11846	20	0.2

Top 5 pairs of mismatch countries:

dest. country EMA	dest. country EMC	no. items
CN China	HK Hong Kong	15
CN China	MO Macao	14
GB United Kingdom of Great Britain	IE Ireland	8
US United States of America (the)	GB United Kingdom of Great Britain	7
CA Canada	US United States of America (the)	7

Details:

orig EDI address	Item ID	Dest country	Dest EDI address	EMSEVT line
[REDACTED]	[REDACTED]	EMA	AE AE001	EMA+ [REDACTED]
		EMC	US US001	EMC+ [REDACTED]
		EMA	AE AE001	EMA+ [REDACTED]
		EMC	US US001	EMC+ [REDACTED]

The report is divided in three sections:

1. Summary

The summary section provides volume and percentage information, for items having both EMA and EMC in the sample days used, per sending EDI address.

Information is displayed in table, with the following columns:

- Orig EDI: the sending EDI address of the own post. Pattern xx001 is for EMS, pattern xx330 is for parcels and pattern xx350 is for letters;
- Count EMA with EMC: number of items having both EMA and EMC in the sampling period used;
- Count dest changed in EMC: number of items for which the destination country was changed in EMC compared to EMA, during the sampling period used;
- % dest changed in EMC: ratio between the two previous columns

2. Top 5 pairs of mismatch countries

This section provides the top five pairs of EMA-EMC destination country mismatches. The purpose of the section is to highlight the main issues, to help resolve them.

The last column provides the number of items corresponding to the mismatch.

3. Details

This section provides the details of EMA and EMC events mentioned in the summary section, in EDIFACT format, for the cases of mismatch.

Information is grouped by sending EDI address and item identifier. For each event, the destination country and partner EDI address are also provided.