# Encounter Data Acronyms

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<tr>
<th>Acronym</th>
<th>Terminology</th>
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<tr>
<td>CEM</td>
<td>Common Edits and Enhancements Module</td>
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<tr>
<td>EDDPPS</td>
<td>Encounter Data DME Processing and Pricing Sub-System</td>
</tr>
<tr>
<td>EDFES</td>
<td>Encounter Data Front-End System</td>
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<tr>
<td>EDIPPPS</td>
<td>Encounter Data Institutional Processing and Pricing Sub-System</td>
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<tr>
<td>EDPPPS</td>
<td>Encounter Data Professional Processing and Pricing Sub-System</td>
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<tr>
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<td>EDS</td>
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<td>DMEPOS</td>
<td>Durable Medical Equipment Prosthetics, Orthotics, and Supplies</td>
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Welcome to CSSC Operations

The CSSC website is the gateway to Medicare Advantage, Medicare-Medicaid Data and Prescription Drug Programs. Visitors to the site can access information about Risk Adjustment, Encounter Data, Medicare-Medicaid Data and Prescription Drug Programs; including opportunities to enroll to submit data and obtain comprehensive information about data submission and reporting. In addition, the site provides valuable links to CMS instructions and other official resources.

News

Prescription Drug Event
PDE Monthly Reports Status

System Status
All systems are operational and distributions of reports are current.
TR3 reports are located at:  
http://www.wpc-edi.com/
CEM Edits Spreadsheets are located at:
http://www.cms.gov/Medicare/Billing/MFFS5010D0/Technical-Documentation.html
ED Companion Guides are located at:
Encounter Data System Process Flow

Providers
Professional
Institutional
DMEPOS Supplier

MAO and Other Entities

Encounter Data Front-End System (EDFES)

Encounter Data Processing System (EDPS)

Subsystems of the EDPS

CMS Medicare Advantage Prescription Drug System (MARx)

Risk Adjustment System (RAS)

EODS

EDPPS

EDIPPS

EDDPPS
Encounter Data System Submission Process

Providers
- Professional
- Institutional
- DMEPOS Supplier

4010 Claim
5010 Claim
Paper Claim

MAOs and Other Entities
Adjudicated Claims

Providers
- Professional
- Institutional
- DMEPOS Supplier

4010 Claim
5010 Claim
Paper Claim

MAOs and Other Entities

Adjudicated Claims
- Accepted and Denied Claims
  (do not submit rejected claims)
- Formatted using 837 5010 format

End-to-End Certified for Production

Encounter Data System (EDS)
EDFES Submission Overview

**MAOs and Other Entities**
- Must be End-to-End Certified to submit production data
- Have 13 months and 1 day from DOS to submit

Adjudicated Accepted and Denied encounters using 837 5010 format

TA1 is only returned if interchange is rejected

EDFES Submission Overview

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**EDS**
- Error Checking/Syntax Structure
- Outputs Acknowledgement Reports within 24-48 hours

**EDI Translator**
- EDI Translator - TA1 (1st Level Translator)
- EDI Translator - 999 (2nd Level Translator)

**CEM Module**
- CEM Module - 277CA (3rd Level)
Common Edits and Enhancement Module (CEM)

First Level TA1
- Checks Interchange Control
- ISA/IEA
- TA1 Report

Second Level 999
- Checks Functional Group and Transaction Set
  - GS/GE and ST/SE
  - 999 Reports

Third Level 277CA
- Checks Transaction Set
- Checks validity of values within data elements
- Provides acceptance or rejection status of 277CA
EDPS Submission Overview

MAOs and Other Entities
- Must be End-to-End Certified to submit production data
- Have 13 months and 1 day from DOS to submit

Adjudicated Accepted and Denied encounters using 837 5010 format

1. EDFES
   - Error Checking/Syntax Structure
   - Outputs Acknowledgement Reports within 24-48 hours

2. EDPS
   - Processes and edits encounters according to logic for system module
   - Checks encounter data for logic and business rules
The Encounter Data Processing System (EDPS) is comprised of three (3) sub-systems that validate encounter data for logic and business rules.

- **EDPPPS**: The EDPPPS processes Professional encounter data.
- **EDIPPS**: The EDIPPS processes Institutional encounter data.
- **EDDPPS**: The EDDPPS processes DME encounter data.
**Encounter Operational Data Store (EODS)**

MAOs and Other Entities
- Must be certified for Production
- Have 13 months from DOS to submit
- Initiates and submits chart reviews

Must be End-to-End Certified to submit production data

Adjudicated Accepted and Denied encounters using 837 5010 format

MAO-002 Encounter Data Processing Reports
- Reject, Informational, or Accept
- MAO-001 – Encounter Data Duplicates Report
- MAO-002 – Encounter Processing Report

EDFES
- Error Checking/Syntax Structure
- Outputs Acknowledgement Reports within 24-48 hours

EDPS
- Processes and edits encounters according to logic for system module

EODS
- Stores all encounter data

1. 
2. 
3. 

MAOs and Other Entities
Technical Requirements – EDI Agreement

Encounter Data
Enroll to Submit Encounter Data

- Gentran Dataset Names
- CMS Enterprise File Transfer (GENTRAN)
- Encounter Data Connect:Direct Application
- Encounter Data Online Submitter Application
- CMS Encounter Data EDI Agreement
- Encounter Data Welcome Letter

MAOs and Other Entities

Encounter Data System (EDS)
Technical Requirements – Connectivity

Encounter Data

Enroll to Submit Encounter Data

Companion Guides
ED Testing
Edits
EDPS Bulletins

Gentran/TIBCO
Connect:Direct
FTP

Encounter Data System (EDS)

CSSC Operations / Encounter Data / Enroll to Submit Encounter Data

Encounter Data

Enroll to Submit Encounter Data

Gentran Dataset Names 02/19/2014
CMS Enterprise File Transfer (GENTRAN) 07/10/2012
Encounter Data Connect:Direct Application 03/26/2012
Encounter Data Online Submitter Application 03/14/2011
CMS Encounter Data EDI Agreement 03/04/2011
Encounter Data Welcome Letter 03/04/2011
Technical Requirements – Submitter ID

Encounter Data

Enroll to Submit Encounter Data

- CMS Enterprise File Transfer (GENTRAN)
- Encounter Data Connect:Direct Application
- Encounter Data Online Submitter Application
- CMS Encounter Data EDI Agreement
- Encounter Data Welcome Letter

The EDFES User Guide is located at:
Technical Requirements – End-to-End Certification

Step 1
End-to-end Tier I Testing submits test files

Step 2
End-to-end Certification notification received

Step 3 (Optional)
Tier II Testing

Submit production data

MAOs and Other Entities

Encounter Data System (EDS)
837 5010 Format Requirements

- Encounter data must be submitted in the 837 5010 format. It must also adhere to the TR3 transmission structure.

MAOs and Other Entities
End-to-End Certified for Production

Format into compliant standard
Health Care Claims 837 5010 format
837-I (Institutional) 5010 format
837-P (Professional and DME Supplier) 5010 format

Encounter Data System (EDS)
EDS Transmission Envelope Structure

Interchange Control Envelope

ISU - Header

GS - Header

ST - Header

Detail Segments

BHT – Beginning Hierarchical Transaction

Beginning of First Loop

Transaction Set

Functional Group

Interchange Control Envelope
Minimum Data Elements

MAOs and Other Entities
Certified for production

Data must contain Minimum Data Elements

Format into compliant standard
Health Care Claims 837 5010 format
837-I (Institutional) 5010 format
837-P (Professional and DME Supplier) 5010 format

Encounter Data System (EDS)

Encounter Data

Resources

| Encounter Data Minimum Data Elements | 03/12/2012 |
| CEM/CEDI Technical Reporting Formats | 05/25/2011 |
| TA1/ 999/ 277CA Reports Information | 05/25/2011 |
| Washington Publishing Company        | 05/25/2011 |
| X12 Version 5010 Standards           | 05/25/2011 |

CSSC Operations / Encounter Data / Resources
EDFES Reports Overview

MAOs and Other Entities
• Must be End-to-End Certified to submit production data
• Have 13 months and 1 day from DOS to submit

Adjudicated Accepted and Denied encounters using 837 5010 format

EDIFACT and Other Entities
• Must be certified for Production
• Have 13 months from DOS to submit
• Initiates and submits chart reviews

Adjudicated Accepted and Denied encounters using 837 5010 format

EDFES
Error Checking/Syntax Structure
Outputs Acknowledgement Reports within 24-48 hours

EDI Translator
- TA1 (1st Level Translator)
  Checks Interchange Control Structure (ISA/IEA)
- 999 (2nd Level Translator)
  999A- Accepted
  999R- Rejected
  Checks Functional GS/GE and Transaction Levels ST/SE

CEM Module
- 277CA
  More detailed look
  Accepted ICN # Generated
MAOs and Other Entities

- Must be End-to-End Certified to submit production data
- Have 13 months and 1 day from DOS to submit

Adjudicated Accepted and Denied encounters using 837 5010 format

Corrected error and re-submit entire file

TA1 = Interchange Rejected

1. MAOs and Other Entities
2. EDS
3. EDFES

Errors within the Interchange Control Structure
- Syntax errors in the file

EDI Translator

TA1 (1st Level Translator)
Checks Interchange Control Structure (ISA/IEA)
TA1 Report Description

Interchange Date

Interchange Control Number

Segment Identifier, Interchange Acknowledgment

Interchange Time

Interchange Acknowledgment Code
R = Rejected
A = Accepted

Interchange Note Code
TA1 Error Reconciliation

1. Locate the TA1 Acknowledgment Report and the Segment Identifier
2. Locate the Interchange Acknowledgement Code = ‘R’
3. Locate error from the Interchange note code
4. Identify the appropriate edit spreadsheet (837-I and 837-P)
5. Locate the Interchange note code in the CEM Edits Spreadsheet
6. Access the 837 file with the Interchange control number
7. Correct the information and resubmit the 837 file
999 Acknowledgement Report Overview

Adjudicated Accepted and Denied encounters using 837 5010 format

Error corrected and entire file re-submitted

999A = Accepted
999R = Interchange Rejected

MAOs and Other Entities
- Must be certified for Production
- Have 13 months from DOS to submit
- Initiates and submits chart reviews

EDFES
- Error Checking/Syntax Structure
- Outputs Acknowledgement Reports within 24-48 hours

EDI Translator
- TA1 (1st Level Translator)
  Checks Interchange Control Structure (ISA/IEA)
- 999 (2nd Level Translator)
  999A - Accepted
  999R - Rejected
- Checks Functional GS/GE and Transaction Levels ST/SE

Problems encountered with the Functional and Transaction Levels

MAOs and Other Entities
- Must be End-to-End Certified to submit production data
- Have 13 months and 1 day from DOS to submit
• If an “A” is displayed in the IK5 and AK9 segments, the claim file is accepted and will continue processing.

  ▪ If an “R” is displayed in the IK5 and AK9 segments, an IK3 and an IK4 segment will be displayed.
999R Error Reconciliation

1. Locate the Response Header
2. Locate errors for transaction set
3. Access the CMS Edit Spreadsheet and WPC 999 TR3
4. Look up the error(s) from the IK3 segment
5. Correct error(s) from the IK3 segment description using Transaction Set Control Number and Loop Identifiers
6. After all encounters in the transaction set are corrected, resubmit the transaction set
277CA Acknowledgement Report Overview

1. Adjudicated Accepted and Denied encounters using 837 5010 format
2. 277CA Reject = transaction set rejected
3. Error corrected and entire encounter re-submitted

MAOs and Other Entities
- Must be End-to-End Certified to submit production data
- Have 13 months and 1 day from DOS to submit

EDIFACT (EDI Translator)
- TA1 (1st Level Translator)
- Checks Interchange Control Structure (ISA/IEA)
- 999 (2nd Level Translator)
- 999A - Accepted
- 999R - Rejected
- Checks Functional GS/GE and Transaction Levels ST/SE

CEM Module
- 277CA
- More detailed look
- Accepted ICN # Generated

EDFES
- Error Checking/Syntax Structure
- Outputs Acknowledgement Reports within 24-48 hours
277CA Acknowledgement Report Overview

- **“U”** = HL rejected
  - STC01 data element will list the Acknowledgement Code, Claim Status Category Code and the Claim Status Code
- **“WQ”** = HL accepted

| HL*2*1*21*1~ | Information Receiver HL Code = 21 |
| NM1*41*2*BEST BILLING SERVICE*****46*S00001~ | Status Information ‘U’ = Reject A7:23 = Acknowledgement code |
| TRN*2*2002020542857~ | |
| STC*A7:23*20100623*U*1000~ | |
| QTY*AA*3~ | |
| AMT*YY*1000.00~ | |

STC03 data element conveys whether the HL structures were accepted or rejected
277CA Acknowledgment Report Overview

1. Locate 277CA Segment Identifier and Claim/Encounter Level Status Information

2. Identify Action code = ‘U’ for reject

3. Locate the Claim Status Category Code

4. Access the CMS Edit Spreadsheet, WPC Health Care Claim Status Category Code (CSCC) list, or Claim Status Code (CSC) list

5. Locate the Claim Status Category Code in References

6. Look at proposed edit column for the resolution

7. Correct data element error and resubmit the encounter
EDPS Reports Overview

**MAOs and Other Entities**
- Must be End-to-End Certified to submit production data
- Have 13 months and 1 day from DOS to submit

**MAO-002 Encounter Data Processing Reports**
- Reject, Informational, or Accept

**MAO-001 – Encounter Data Duplicates Report**
- MAO-002 – Encounter Processing Report

**Adjudicated Accepted and Denied encounters using 837 5010**

**EDS**
- Error Checking/Syntax Structure
- Outputs Acknowledgement Reports within 24-48 hours

**EDFES**
- Processes and edits encounters according to logic for system module

**EDPS**
- EDPPPS
- EDIPPS
- EDDPPS
MAO-001 Report

- The MAO-001 Encounter Data Duplicates Report provides information exclusively for rejected encounters and service lines that receive:
  - Error Code 98315 – Linked Chart Review Duplicate
  - Error Code 98320 – Chart Review Duplicate
  - Error Code 98325 – Service Line(s) Duplicated

- Duplicate Codes are also reported on the MAO-002 Encounter Data Processing Status Report.
Identify duplicate encounter ID

Identify original encounter ID

Check HICN

Compare dates

MAO-001 Report Example

<table>
<thead>
<tr>
<th>Record Type</th>
<th>Plan Encounter ID (CCN)</th>
<th>Encounter ICN</th>
<th>Encounter Line Number</th>
<th>Duplicate Plan Encounter ID (CCN)</th>
<th>Duplicate Encounter ICN</th>
<th>Duplicate Encounter Line Number</th>
<th>Beneficiary HICN</th>
<th>Date of Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRO</td>
<td>231181789</td>
<td>2509061539016</td>
<td>001</td>
<td>222186298</td>
<td>2509061539028</td>
<td>001</td>
<td>567185299</td>
<td>06/15/2012</td>
</tr>
<tr>
<td>PRO</td>
<td>231181790</td>
<td>2509061539013</td>
<td>002</td>
<td>222186298</td>
<td>2509061539047</td>
<td>002</td>
<td>567185299</td>
<td>06/15/2012</td>
</tr>
</tbody>
</table>

TOTALS:
Total Number of Duplicate Encounter Lines Rejected: 2
Total Number of Encounter Lines Submitted: 2
Total Number of Encounter Records Submitted: 2
MAO-002 Report Example

Encounter Data Processing Status Report
Report Run Date 03/07/2013 12:58PM
Medicare Advantage Contract ID: H9999

Submission Interchange Number: ENC00000000000120130305
Report Date: 03/04/2013
Transaction Date: 03/05/2013

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<table>
<thead>
<tr>
<th>Record Type</th>
<th>Plan Encounter ID (CCN)</th>
<th>Encounter ICN</th>
<th>Encounter Line Number</th>
<th>Encounter Status</th>
<th>Error</th>
<th>Error Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>837P</td>
<td>&gt;00000000000001</td>
<td>2010101010</td>
<td>000</td>
<td>Rejected</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>001</td>
<td>Rejected</td>
<td>98325</td>
<td>Service Line(s) Duplicated</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>002</td>
<td>Rejected</td>
<td>98325</td>
<td>Service Line(s) Duplicated</td>
</tr>
<tr>
<td>837P</td>
<td>&gt;00000000000002</td>
<td>202020202</td>
<td>000</td>
<td>Accepted</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>001</td>
<td>Accepted</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>002</td>
<td>Accepted</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

TOTALS:

- Total Processing Errors: 2
- Total Number of Encounter Lines Accepted: 2
- Total Number of Encounter Lines Rejected: 2
- Total Number of Encounter Lines Submitted: 4
- Total Number of Encounter Records Accepted: 1
- Total Number of Encounter Records Rejected: 1
- Total Number of Encounter Records Submitted: 2

Encounter rejected

Encounter accepted

Encounter Status
Closing Remarks