



Michigan Department Of Community Health

CMH & Substance Abuse CA
837 Encounter & QI Data Processing

March 12, 2003



Today's Agenda

- Overall B2B testing status – 837s & QI data
- Retrieving 997 Functional Acknowledgements
- Typical reasons for translation failures
- Retrieving & interpreting 4950 error files
- Retrieving & interpreting 4956 error files
- Moving to production
- Group question & answer session
- One-on-one discussions, assistance



Overall Status (as of 3/7/03)

Category	Description	Number of Plans
A	Completed B2B Testing. (Sufficient volume & variety, both Professional & Institutional; some minor errors)	0
B	Significant progress. (Possibly complete with either Professional or Institutional; some encounter rejects)	4
C	Passes translation, but missing key loops, elements or not matching QI data. (Many encounter rejections)	10
D	Not able to pass translation consistently	6

Note: This assessment focuses on 837 encounter processing, not QI data



Overall Data Flow

Transaction	PUT to:	Error File (returned to your mailbox)
837 Encounter	<u>4951@DCHEDI</u>	4950 (& a 997)
CMH QI Data	<u>4957@DCHBULL</u>	4956
SA QI Data		
Admits	<u>4823@DCHBULL</u>	4827
Discharges	<u>4824@DCHBULL</u>	4827
SARF Data	<u>4825@DCHBULL</u>	4827



Retrieving 997 Functional Acknowledgements

1. Establish PPP Connection
2. Log in to start an FTP session
3. Use DIR command to look for your file
4. GET 4951T {C:|*YourDirectory*|*YourFile2*}
5. If your 997 contains AK3 or AK4 segments, we could not translate the file. (In some cases, we can't create a 997!)



Common Reasons – Initial Translation Failure

1. We didn't receive an Email with plan ID and contact information
2. Sender did not use a file name/number of 4951T for a test 837 Encounter
3. 837 Encounter not sent to the DCHEDI mailbox
4. Improper ISA Interchange Segment. This is fixed length, and must include:



Common Reasons – Initial Translation Failure

ISA Interchange Segment must include (cont'd)

- a. “00” in ISA01 and ISA03
- b. ISA02 and ISA04 must be filled with 10 spaces
- c. ISA08 must contain “ENCOUNTER”
(15 bytes total)
- d. ISA15 must use a “T” to denote a test, if the file name also ends in a T
- e. ISA06 must be 15 positions (a four-byte Submitter ID, followed by 11 spaces)
- f. ISA13 must be 9 numeric digits.



Common Reasons – Initial Translation Failure

5. Failure to send an appropriate Functional Group Header in an 837/4951T Encounter File, e.g.,

```
GS*HC*00XX*ENCOUNTER*20030128*0945*1*X  
*004010X098~
```

6. Failure to use the same 4-digit Submitter ID (looks like 00XX) in both ISA06 and 1000A NM109



Retrieving 4950 Error Files

1. Establish PPP Connection
2. Log in, to start an FTP session
3. Use DIR command to look for your file
4. GET 4950T *{C:|YourDirectory|YourFile2}*



Layout - 4950 Error File Header and Trailer

FIELD	START	END	COMMENTS
EDI-TYPE	1	4	HDDR or TRLR
EDI-APP	5	6	MA
EDI-USER	7	10	MMIS
EDI-USER-ID	11	14	00xx
EDI-DATE-CYMD	15	22	Creation Date YYYYMMDD
EDI-TRANSFER-D	23	34	Transfer Date YYYYMMDDHHMM
EDI-FILE-BEG	35	38	4950
EDI-RUN-TYPE	39	39	T for Test, P for Production
EDI-BATCH	40	42	Unique batch identifier
FILLER	43	52	Filler
FILLER	53	152	Filler



Layout - 4950 Error File Detail

FIELD	START	END	COMMENTS
SUBMITTER-ID	1	4	00XX
CAPITATED-PLAN-ID	5	24	Type 17 Payer Number for PHP, CMHSP, or CA
RELATED-PLAN-ID	25	44	Type 17 Payer Number for CMHSP
SUBMISSION-NUMBER	45	64	Batch Number submitted in BHT03
ENCOUNTER-REFERENCE-NUMBER	65	94	ERN submitted in Loop 2330B REF02
ENCOUNTER-LINE-NUMBER	95	97	Service Line Number
RECORD-TYPE	98	98	O = Original, R = Replacement, V = Void
RECORD-CATEGORY	99	99	P = Professional, I = Institutional, D = Dental
ERROR-NUMBER	100	104	See List of Edit Numbers
ERROR-SEVERITY	105	106	RB = Reject Batch, RE = Reject Encounter, RL = Reject Line, IO = Information Only
ERROR-FIELD	107	126	First 20 positions of erroneous field
BATCH-SEQUENCE-NUMBER	127	134	
ASSIGNED-SEQ-ERN	135	147	ERN Assigned by the Data Warehouse
ASSIGNED-SEQ-TYPE	148	149	60 = CMH, 61 = SA
ASSIGNED-SEQ-ELN	150	152	Line Number assigned by the Data Warehouse



Sample 4950 Error File – Header and Trailer

Header

HDDRMAMMIS0079200301172003011713094950T 0000000000

Trailer

TRLRMAMMIS0079200301172003011713094950T 0000000003

Sample 4950 Error File Detail

Submitter ID

CMH ID

Submission Number

PHP ID

ERN

0079171111117173333334

EI220T

96MH0101

003OI20311RL000243

00000002200301720000363003

Error
Number

Error Field

ELN

Error Severity



Categories of Most Frequent 837 Encounter Errors

- No Match to the CMHSP QI File
- Missing Other Payer Secondary Identifier (Encounter Reference Number)
- Missing or Invalid Other Payer Primary Identifier for Plans
- Missing Admission Date for Inpatient Type of Bill
- Missing Adjudication Date



Matching the CMHSP QI File

- A match must be made to the CMHSP QI file based on the following:
 - Other Insured Identifier
 - Other Insured Primary Identifier (PHP)
 - Other Insured Primary Identifier (CMHSP)
 - Service Date within the fiscal year of the QI record
- Failure to report results in a Rejection of Encounter (RE)
- Specific errors generated are 20106 and 20107

Other Payer Secondary Identifier



- MDCH requires reporting of the Other Payer Secondary Identifier (Encounter Reference Number) in loop 2330B REF02
- Failure to report the ERN results in Rejection of Encounter (RE)
- Specific error generated is 20055



Other Payer Primary Identifier

- MDCH requires plans to identify themselves as an Other Payer (Loop 2330B) and to use their specific MDCH assigned Payer Identification Number of 17XXXXXXX as the Primary Payer Identifier (Loop 2330B NM109)
- Failure to report the plan as an Other Payer or using an invalid Payer Identification Number results in Rejection of Encounter
- Specific errors generated are 20051 and 20052



Other Payer Primary Identifier

Loop 2330B Example

- The payer number in this example is 171111116 and represents the plan's MDCH-assigned Payer ID
- Plans must also include The REF segment. REF02 represents the plan's unique internal encounter reference number - This is the number that will be reported back to the health plan on the error reports

```
NM1*PR*2*HEALTH PLAN A*****PI*171111116~  
N3*999 TRENTON~  
N4*DETROIT*MI*48227~  
REF*F8*837EP040401A~
```



Admission Date

- MDCH requires reporting of an admission date for all Inpatient Hospital Institutional encounters (837I – Loop 2300 DTP03 Admission Date & Hour)
- Failure to report an admission date results in Rejection of Encounter (RE)
- Specific error generated is 20149



Adjudication Date

- MDCH requires that an adjudication date be present for each PHP, CMHSP, or CA at either the claim level (loop 2330B DTP03) or at the service level (loop 2430 DTP03)
- Failure to report an adjudication date results in an Information Only (IO) error
- Specific error generated is 20420



Retrieving 4956 Error Files

1. Establish PPP Connection
2. Log in, to start an FTP session
3. Use DIR command to look for your file
4. GET 4956T {C:*YourDirectory**YourFile2*}



Common Reasons – Initial QI Submission Failure

1. Failure to include carriage return/line feed characters (CR/LF) at the end of every record
2. Improper header or trailer record – must be upper case, with 10-byte record count in the trailer; bytes 5-42 must match exactly; record count must include hddr/trlr
3. Missing asterisk delimiters between each field
4. Missing tilde (~) at the end of each detail record
5. Improper number of fields/delimiters – typically caused by missing PLS (primary language spoken) code
6. Exceeded maximum length of one or more fields.



Layout - 4956 Error File Header

FIELD	START	END	COMMENTS
EDI-TYPE	1	4	HDDR
EDI-APP	5	6	MA
EDI-USER	7	11	DCH00
EDI-USER-ID	12	13	Service Bureau ID (XX)
EDI-USER-SUFFIX	14	14	Blank
EDI-CREATION-DATE	15	22	YYYYMMDD
EDI-TRANSFER-DATETIME	23	34	YYYYMMDDHHMM
EDI-FILE-NAME	35	38	4956
EDI-RUN-TYPE	39	39	T for Test, P for Production
EDI-BATCH	40	42	Unique batch identifier
FILLER	43	72	Filler



Layout - 4956 Error File Trailer

FIELD	START	END	COMMENTS
EDI-TYPE	1	4	TRLR
EDI-APP	5	6	MA
EDI-USER	7	11	DCH00
EDI-USER-ID	12	13	Service Bureau ID (XX)
EDI-USER-SUFFIX	14	14	Blank
EDI-CREATION-DATE	15	22	YYYYMMDD
EDI-TRANSFER-DATETIME	23	34	YYYYMMDDHHMM
EDI-FILE-NAME	35	38	4956
EDI-RUN-TYPE	39	39	T for Test, P for Production
EDI-BATCH	40	42	Unique batch identifier
EDI-RECORD-COUNT	43	52	Number of records including header and trailer
FILLER	53	72	Filler



Layout - 4956 Error File Detail

FIELD	START	END	COMMENTS
RECORD-CODE	1	3	"ERR"
REPORT-PD	4	11	Reporting Period - CCYYMMDD
PHP-ID	12	20	The PHP Payer Identifier
CMH-ID	21	29	The Payer Identifier of the CMHSP that Submitted to the PHP
CON-ID	30	40	Consumer Identifier
ERROR-NUMBER	41	43	50002-50999 - A 3-digit numeric code representing the error reported
ERROR-SEVERITY	44	45	RB = Reject Batch, RE = Reject Record, IO = Information Only
ERROR-FIELD	46	56	First 11 positions of erroneous field
BATCH-SEQUENCE-NUMBER	57	64	Sequence number of the batch among all batches
RECORD-SEQUENCE-NUMBER	65	72	Sequence number of the QI record within the batch



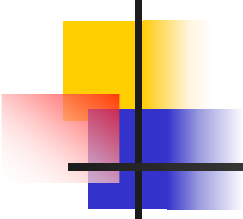
Sample 4956 Error File – Header and Trailer

Header

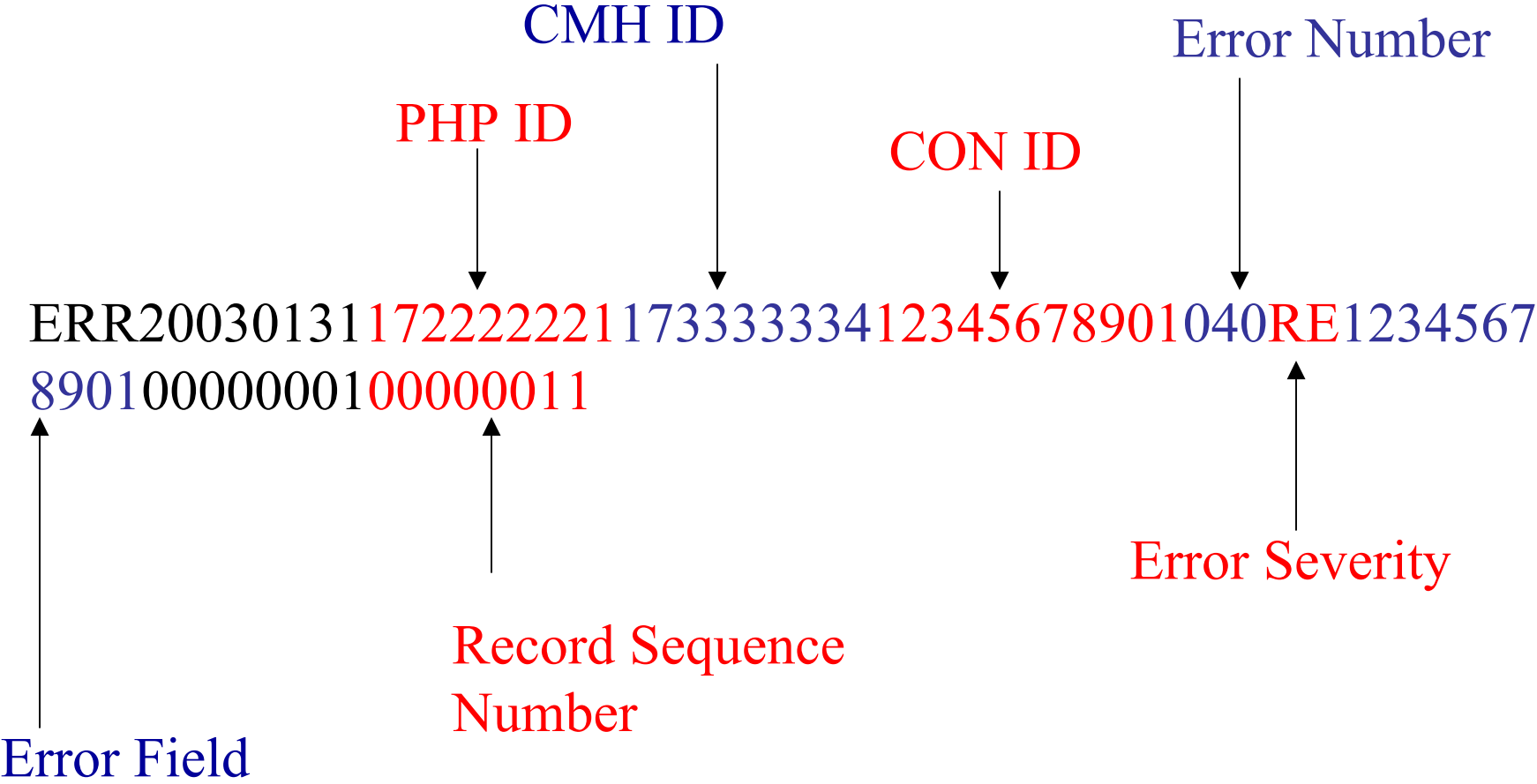
HDDRMADCH0079 200302282003022814134956T00100000000000

Trailer

TRLRMADCH0079 200302282003022814134956T00100000000003



Sample 4956 Error File Detail





Categories of Most Frequent QI Data Errors

- Records rejected because two or more records have used the same key
- Invalid codes
- PHP ID/CMH ID not valid
- SSN invalid or missing
- Medicaid ID invalid



Records With Same Key

- MDCH requires a unique combination of the following information:
 - *Reporting Period (REPORTPD)*
 - *PHP ID*
 - *Submitter's Subscriber (Consumer Identifier) Unique ID (CONID)*
 - *CMHSP ID*
- Reporting the same combination of data will result rejecting records
- Specific error generated is 50040



Invalid Codes

- MDCH requires specific values (codes) to be reported in identified fields
- Failure to report required values will result in information only errors. For example:
 - Field RESID valid values are 1, 2, 3, 5, 6, 8, 10, 11, 12, 13, 16, or blank
 - RESID code of 4 would be invalid and generate a 50090 error
- Sample errors generated include 50070, 50080, 50090, 50120, 50130, etc.



PHP ID/CMH ID Not Valid

- MDCH requires PHP and CMH IDs to be the MDCH assigned Payer ID, for example 17XXXXXXXX
- Failure to report the MDCH assigned Payer ID (17XXXXXXXX) result in either a reject batch or reject record error
- Specific errors generated are 50010, 50011, 50012, 50650, 50651



SSN Invalid or Missing

- MDCH requires SSN to be reported when known. It is not a required field for the key of a record but is a vital piece of information
- Leaving the SSN field blank or reporting a value that is not exactly 9 characters in length will result in information only errors
- Specific errors generated are 50050 and 50051



Medicaid ID Invalid

- MDCH requires Medicaid ID to be reported when the client is enrolled in Medicaid. It is not a required field for the key of a record but is a vital piece of information
- Reporting a Medicaid ID value that is not exactly 8 characters in length will result in information only error
- Specific errors generated are 50060, 50061 and 50062



Moving to Production

- MDCH will send a congratulatory letter, and add your plan to our approved partner list at Michigan.gov/MDCH when you've completed B2B Testing
- To begin submitting production data:
 - Use 4951@DCHEDI for your 837 PUT, with a **P** in your ISA15
 - CMHs, use 4957@DCHBULL for your QI PUT
 - SA CAs, use [4823](mailto:4823@DCHBULL), [4824](mailto:4824@DCHBULL), 4825@DCHBULL for your QI PUT (admits, discharges, SARF data)



Questions & Answers
