LOUISIANA DEPT. OF HEALTH & HOSPITALS

Medicaid Eligibility Data System

Internal Design: QI2 Interface

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Revision Summary

The following revisions have been made to the document since it was first published:

Date	Description of Change	By
4/30/2003	Revised with RedMane template	M. Smutko
3/31/2011	SIR1701 – Documentation cleanup	E. Fontes

Qualified Individual 2 (QI2) Interface

MEA0050 Overview

This process is run annually to produce a list of all AU members who are eligible to receive QI2 benefits, so that the annual checks can be cut. It calculates the number of months (overlapping months are not counted), that each AU member has been eligible to receive benefits. The number of months of eligibility is then multiplied by a fixed amount to produce the total amount that the individual should receive. The fixed amount may change annually.

This process has five steps:

Step01	Removes the datasets that were left over from the previous run.
Step02	This step uses the program MECQICZ1, which selects the QI2 (Type case 49) records and writes them into a dataset, to be sorted and used to produce the final file, and a report.
Step03	This step sorts the dataset resulting from the step02 in the order of the Social Security Number, AU member start date and AU member close date. The reason that the start and close dates are sorted, is to allow the process to avoid counting the overlapping months of eligibility.
Step04	This step uses the program MECQICZ1, which reads the sorted dataset, calculates the months of eligibility, and produces the file and the report.
Step05	Removes the intermediate datasets.

Volume/Frequency

Runs annually.

System Tables

Run Control

Standard Request	Description
QI-CHECK	QI2 Check File

MEA0051 Overview

This process is run annually usually four to six months after MEA0050. Its purpose is to pick up any retroactive eligibility. Basically, anything added since MEA0050 was run. All processing performed is the same as reported in MEA0050 overview
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This process has five steps:

Step01	Removes the datasets that were left over from the previous run.
Step02	This step uses the program MECQICZ1, which selects the QI2 (Type case 49) records and writes them into a dataset, to be sorted and used to produce the final file, and a report.
Step03	This step sorts the dataset resulting from the step02 in the order of the Social Security Number, AU member start date and AU member close date. The reason that the start and close dates are sorted, is to allow the process to avoid counting the overlapping months of eligibility.
Step04	This step uses the program MECQICZ1, which reads the sorted dataset, calculates the months of eligibility, and produces the file and the report.
Step05	Removes the intermediate datasets.

Volume/Frequency

Runs annually. Usually 6 months after MEA0050.

System Tables

Run Control

Standard Request	Description
QI-CHECK	QI2 Check File

QI2 Extract Process (MECQICZ1)

This program receives two dates as input, and selects the qualified records that fall within the range of these two dates.

1. Process begin date.
2. Process end date

Read the active CPTC records by the type case 49. Select the records that meet these conditions:

- Category = 1 or 2 or 4

- The start date of the cert falls within the above two dates.
- The cert is either open, or if closed, the closed date is later than the process begin date.
- If the job currently executing is MEA0051

  Write an informational message to indicate we are producing a retroactive check file.

  Do not extract the record If Certify-Date less than Process End Date.

  These records already processed in earlier run for MEA0050.

For each selected CPTC record, find the AU members that meet these conditions:

- The Start date of the AU member is before the process end date
- If closed, the close date of the AU member is not before the Process begin date.

The information about the qualifying AU member is written into a file to be processed by MECQICZ2
The file contains the following information:

Record Layout (MECQICL1)

Social Security Number	Person Number
First Name	SSN Claim Number
Middle Initial	Case Number
Last Name	Cert. Period Number
Address	Category / Type Case
City	AU Member Start Date
State Code	AU Member Close Date
Zip Code	

Report Layout (MEA0050R1/MEA0051R1)

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MECQICZ1            LOUISIANA DEPARTMENT OF HEALTH AND HOSPITALS         01/06/2000

ME12050                  QI2 CHECK WRITE CONTROL REPORT                    3:12 PM

JOB03580                                                                 Page: 1

QI2 Check Write Run Number:        23

Process Date          : 01/06/2000

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 QI2 records processed......      1474

Records containing errors..
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<div align="center">*** End of Report ***</div>

QI2 Report Process (MECQICZ2)

The records that are fed into this program, are sorted in the order of SSN, Start date of Au Member, and the end date of the Au member. The reason for this is that an au member may have more than one consecutive periods of eligibility within the processing period. This sort allows the records of a particular person to be processed in the order of dates, so that overlapping months of eligibility are not counted.

The program receives the check amount as input. It then reads the sorted file resulting from MECQICZ1, and does the following:

1. Calculates the total months of eligibility for each person.
2. Formats the name and address
3. Writes out the information to the output dataset, and to the report.

The output file contains the following information:

Record Info

The Record Info provides the following information:

*   type and format of the record, (Header, Main Record, or Trailer);

*   Records are sequenced in record type order.

The Header record is always the first record in the file, and contains the information about the file.

Record Layout (MECQICL2)

Header Record (H)

Field	Start Column	End Column	Length
Record Type	1	1	1
File Name	2	16	15
Creation Date	17	26	10
Creation Time	27	34	8
Process Name	35	42	8
Process ID	43	50	8

Main Record (M)

Field	Start Column	End Column	Length
Record Type	1	1	1
First Name	2	21	20
Middle Initial	22	22	1
Last Name	23	47	25
Address Line 1	48	77	30
Address Line 2	78	107	30
City	108	127	20
State Code	128	129	2
Zip Code	130	134	5
Person Number	135	147	13
SSN	148	156	9
SSN Claim Num.	157	168	12
Category/Type Case 1	169	174	6
AU Member Start Date 1	175	182	8
AU member Close Date 1	183	190	8
Category/Type Case 2	191	196	6
AU Member Start Date 2	197	204	8
AU Member Close Date 2	205	212	8
Category/Type Case 3	213	218	6
AU Member Start Date 3	219	226	8
AU Member Close Date 3	227	234	8
Category/Type Case 4	235	240	6
AU Member Start Date 4	241	248	8
AU Member Close Date 4	249	256	8
Category/Type Case 5	257	262	6
AU Member Start Date 5	263	270	8
AU Member Close Date 5	271	278	8
Months of Eligibility	279	281	3
Total Check Amount	282	288	7
Record End Indicator	289	289	1

Trailer Record (T)

Field	Start Column	End Column	Length
Record Type	1	1	1
Record Count	2	7	6

Report Layout (MEA0050R2/MEA0051R2)

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MECQICZ2 - ME12050R2                    LOUISIANA DEPARTMENT OF HEALTH AND HOSPITALS                    01/04/2000
ME12050                                         BHSF/MMIS Third Party Unit                             03:27 PM
JOB02825                                                                                               Page:    1
                                        2000 Listing/Cost for Qualified Individuals II

Person Number        Name              SSN       SSN        Category  Start     Close    Category  Start    Close    Check
                                                 Claim Num  Type Case date      date     Type Case date     date     Amount
------------- ------------------------ ----------- ------------- --------- -------- -------- --------- -------- -------- --------

1234567890123 DOE, LAURID             999-99-9999 999999999A    4049     19990701 19991231                                 13.38
1234567890123 DOE, JOYCE X            999-99-9999 999999999W    4049     19990701 19991231                                 13.38
1234567890125 DOE, ANNIE X            999-99-9999 999999999W    1049     19990701 19991231                                 13.38
1234567890126 DOE, DOROTHY X          999-99-9999 999999999A    1049     19990701 19991231                                 13.38
1234567890127 DOE, GEORGE X           999-99-9999 999999999A    1049     19990701 19990731                                  2.23
1234567890128 DOE, RONALD             999-99-9999 999999999A    4049     19990701 19990930                                  6.69
1234567890129 DOE, VIVIAN X           999-99-9999 999999999A    4049     19991001 19991231                                  6.69
1234567890130 DOE, JOHN X             999-99-9999 999999999A    4049     19990701 19991207                                 13.38
1234567890131 DOE, CHARLESM           999-99-9999 999999999A    1049     19990701 19991231                                 13.38
1234567890132 DOE, SYLVIA X           999-99-9999 999999999A    1049     19990701 19991231                                 13.38
1234567890133 DOE, MARY X             999-99-9999 999999999A    4049     19990701 19991231                                 13.38
1234567890133 DOE, FLORA              999-99-9999 999999999A    1049     19990701 19991231                                 13.38


                        Total number of Persons:    nnn
                        Total check amount     :   nnnn.nn
                                        *** End of Report ***
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