



LOUISIANA DEPT. OF HEALTH & HOSPITALS

Medicaid Eligibility Data System

Internal Design: BUYIN
Interface

Table of Contents

DOCUMENT INFORMATION	4
REVISION SUMMARY	4
BUY-IN INTERFACE	5
OVERVIEW	5
VOLUMES/FREQUENCY.....	5
<i>MEM0150 – Buy-In Extract</i>	5
<i>MEM0155 – Buy-In Update</i>	5
SYSTEM TABLES.....	5
Run Control	5
BUY-IN EXTRACT (MEIBYEZ1).....	5
<i>Subroutine Get-Person-Record</i>	7
<i>Subroutine Move-Detail-To-LDA</i>	7
<i>Subroutine Write-Work-File</i>	7
<i>Subroutine Get-CPTC</i>	7
BUY IN EXTRACT FILE	8
<i>Header Record (Length: 140 bytes)</i>	8
<i>Trailer Record (Length: 140 bytes)</i>	8
<i>Person Detail (Length: 140 bytes)</i>	8
BUY-IN UPDATE (MEIBYUZ1).....	10
BUY IN UPDATE FILE.....	11
<i>Detail Layout (Length: 59 bytes)</i>	11
REPORT LAYOUT FOR BUY IN UPDATE CONTROL REPORT (MEM0155R1).....	11
REPORT LAYOUT FOR BUY IN PERSONS WITH NO MEDS ELIGIBILITY (MEM0155R2).....	12
REPORT LAYOUT FOR BUY IN UPDATE EXCEPTION REPORT (MEM0155R9).....	12

Document Information

Created for: Louisiana Dept. of Health & Hospitals
Project Name: Medicaid Eligibility Data System
Project Abbreviation: MEDS
Document Title: Internal Design: BUYIN Interface
Document Subject:
Revision Number: 38 (incremented each time the document is saved)
Status: Final
Last Saved: Dec 16, 2011 03:22:00 PM
Printed: Dec 16, 2011 03:22:00 PM
Comments:
Document Template: RedManeSpec_W2000.dot

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
3/10/2004	Add description to Buy In Extract	Jennifer Leslie
4/01/2004	Extract QMBs regardless of SSIs – SIR 957	Jennifer Leslie
2/28/2011	Change the Closure Code on the Buy In Extract File to N3.	J Badenhorst
5/20/2011	SIR1701 – Documentation cleanup	E. Fontes

Buy-In Interface

Overview

The Buy In system controls Medicaid buying Medicare for Medicare eligible persons. At certification, the worker indicates whether the assistance unit member is eligible for Medicare. The Buy In system performs a monthly extract of a) members who are Medicare eligible that were certified that month and b) members who have been marked as eligible for Medicare that month. The MEDS system will mark these members as 'due to be extracted by Buy In'. The extract will include only those members in active cases.

During the monthly interface, Buy In will notify MEDS that the person is part of the Buy In program. The Medicare Claim Number will be updated on MEDS and the claim number source code field in MEDS will be updated to 'BI' if the claim number from Buy In is different than the one in MEDS. If the Medicare Claim Number coming in from Buy-In is the same as what is already in MEDS, no update will take place.

Any discrepancies in the monthly update will be written to an exception report.

Volumes/Frequency

MEM0150 – Buy-In Extract

Extract of data from MEDS - Monthly. Approximately 4,000 records

MEM0155 – Buy-In Update

Update data in MEDS with Buy-In Medicare Claim Numbers - Monthly.

System Tables

Run Control

Process Id	Description
BUYINE	Buy-In interface extract.
BUYINU	Buy-In interface update.

Buy-In Extract (MEIBYEZ1)

Buy-In Run Number Updates

On-line in MEDS AU Members that are QMBs, SLMBs, Q11s, QDWI & COLA type cases are stamped to go to Buy In in the next extract when they are added, and when there is a change to start date, close date, closure code or Medicare Code (if Medicare Code is not 'N').

AU Members are also stamped to go to Buy In when birth date, SSN, SSN claim number, sex, date of death, last name, first name, middle initial, title, suffix or parish change on the MEDS Person and the AU Member is active and has already been sent to Buy In (so it's one of the type cases above).

Batch Processing

In the batch extract process we look for AU Members stamped with the current Buy In Run Number:

- If it's a SLMB it's sent to Buy In (cat type case 1-40, 2-40, 4-40)
- If it's a QI1 it's sent to Buy In (cat type case 1-48, 2-48, 4-48)
- If it's a QDWI it's sent to Buy In (cat type case 4-94)
- If it's a COLA type case (50, 56, 59, 60, 81) AND the AU Members Medicare Code = 'X' (Part A & Part B) it's sent to Buy In.
- If it's a QMB ~~and it does not overlap with an SSI~~ it's sent to Buy In.
- ~~If the QMB overlaps with an SSI and if the person is over 65 that month and has a Medicare claim number ending in M, J3, J4, K3 or K4 it's sent to Buy In.~~

~~NOTE: In this process we are considering SSIs as certs with categories 1, 2 or 4 and type cases 1, 3, 4, 5, 10, 11, 19, 23, 41, 43, 45, 62, 64, 78 and 82.~~

Restart Processing

No restart processing since the extract program can be re-run from the start.

Processing

Initialize the Buy In extract record layout.

Call the Run Control object subprogram (MEXRUNU) to start the run with process id = 'BUYINE' and function = 'NEW RUN'.

Technical Note: Refer to the Run Control /Snapshot processing in the Common Facilities External Design document – Part 5.

Processing Records:

Write Header

/* Read ME-AU-MEMBER file

Read ME-AU-MEMBER by BUYIN-PERSON

/* Get Latest CPTC for Cert

If Cat-Type Case = SLMB **(001-040, 002-040, 004-040)**

Write to Extract File

End-If

If Cat-Type Case = QI1 **(001-048, 002-048, 004-048)**

Write to Extract File

End-If

If Cat-Type Case = QDWI **(004-094)**

Write to Extract File

End-If

If Cat-Type Case = COLA & Medicare Code = marked (**Type Case 50, 56, 59, 60, 81**)**Write to Extract File**

End-If

If Cat-Type Case = QMB (**017-095**)**Write to Extract File**

End – If /** (QMB)

End Read (AU- Read1)

Write Trailer

End

Subroutine Get-Person-Record

Assign #me-person.person-num = #me-au-member.person-num

Assign #cxxmntl.#action = #cxxactl.#display

Callnat 'mecperu' /** person object subprogram

If error

report it

End-if

Subroutine Move-Detail-To-LDA

Reset #extract-rec

Move by name me-au-member to #extract-rec.#au-member

Move by name me-person to #extract-rec.#person

Move by name me-cptc to #extract-rec.#cptc

Subroutine Write-Work-File

Write work file 01 #extract-rec

Reset #extract-rec

Add 1 to counter

Subroutine Get-CPTC

Move by name me-au-member to #me-cert-period

Assign #cxxmntl.#action = #cxxactl.#display

Callnat 'MECCPEU' /* Object Subprogram

If Error

Report It

End-If

Buy In Extract file

This is the extract file to be sent to Buy In containing all those members who ~~are~~ have been marked as eligible for Medicare.

Header Record (Length: ~~140~~141 bytes)

Name	Format	Description
Record Type	A1	Record Type 1 = Header Record 2 = Person Detail Record 3 = Trailer Record
External System Name	A8	"BUYIN"
Extract Date	N8	YYYYMMDD formatted date
Extract Time	N6	HHMMSS time of day (e.g., 130000 = 1:00 PM) that extract job was started
Buy In Run Number	N8	Buy In Extract Run Number
Filler	A107A1 <u>08</u>	

Trailer Record (Length: ~~140~~141 bytes)

Name	Format	Description
Record Type	A1	Record Type 1 = Header Record 2 = Person Detail Record 3 = Trailer Record
External System	A8	"BUYIN"
Total Record Count	N9	Includes Header & Trailer
Filler	A122A1 <u>23</u>	

Person Detail (Length: 140 bytes)

Name	Format	Description
Record Type	A1	Record Type 1 = Header Record 2 = Person Detail Record 3 = Trailer Record
Person Number	N13	The number of the Person eligible for Medicare
Last name	A25	The last name of the person
First name	A20	The first name of the person
Middle initial	A1	The middle initial of the person
Title	A3	The title of the person
Suffix	A3	The Suffix of the person
Date of Birth	N8	Date of birth of person eligible for Medicare
Date of death	N8	Date of death of the person

Sex	N1	Code identifying the sex of the person
SSN	N9	Social Security Number for person
SSN Claim Number	A12	Social Security claim number
Parish of Residence	N4	The Parish that the person lives in.
Category Code	N3	Code identifying the category for which the person is eligible
Type Case	N3	Code identifying the type case for which the person is eligible
Start date	N8	Start date of period for which the person is eligible
Close date	N8	Close date of period for which the person is eligible. This field could be blank
Closure code	N2 N3	Code identifying why the eligibility for the person was terminated
Last Buy In Update Date	N8	(YYYYMMDD) When Buy In record was updated

Buy-In Update (MEIBYUZ1)

The process reads the monthly file received from the buy-in interface and updates the SSN Claim Number on the ME-PERSON file.

3 reports are created from this job:

- MEM0155R1 – Buy In Update Control Report (used to produce program statistics)
- MEM0155R2 – Buy In Persons with no Active MEDS Eligibility (in worker location id order)
- MEM0155R9 – Buy In Update Exception Report (used to report all errors encountered during the update process).

Processing

Restartability processing;

Retrieve Run Control information (Copycode MEXRUNC0) with process id = 'BUYINU'

Read the Buy In workfile

If Run Control indicates a 'restart'

Reject records until the first unprocessed record

End if

Validate that there are no duplicates on the file

Validate the Person number is the correct format and the person exists in MEDS.

Check the SSN of the MEDS Person is the same as the SSN from Buy In

Find the active AU Members for the person

*Read AU-MEMBER file by Person-Num / Start-Date-9C
where Person-Num = Buy In Person-Num*

*If Close-date = 0 or >= today
and Claims-Sus-date = 0 or >= today
Active AU Member Found = true*

End if

End Read (AU-MEMBER)

If active AU Member found

If Buy In SSN Claim Number not = MEDS SSN Claim Number and

MEDS SSN Claim Number Source not = 'State Office' and

SSN Claim Number not = 'X'..... /* railroad retirement claim number

Update the Person with the new SSN Claim Number and Claim Number Source = 'BI'

End If

Else

Write to No Active Eligibility Report

End If
End Read

Reset Run Control fields
Set status to 'Complete'
Perform final update of Run Control information (Copycode MEXRUNC0)

Buy In Update file

This is the update file sent from Buy In to update MEDS.

Detail Layout (Length: 59 bytes)

Name	Format	Description
Parish	N2	MEDS Residential Parish
SSN	N9	Social Security Number
SSN Claim Number	A12	Social Security Claim Number
Name	A22	Formatted Person name from Buy In
Person Number	N13	The MEDS person number

Report Layout for Buy In Update Control Report (MEM0155R1)

```

      1           2           3           4           5           6           7           8
1234567890123456789012345678901234567890123456789012345678901234567890
MEIBYUZ1          LOUISIANA DEPARTMENT OF HEALTH AND HOSPITALS          05/12/2003
MEM0155           BUREAU OF HEALTH SERVICES FINANCING                   03:07 PM
JOB01680          MEM0155R1 - BUYIN UPDATE CONTROL REPORT                Page:    1

Number of records read          :          297
Number of duplicates            :           75
Number of Medicare Claim Numbers updated :           18
Number of Persons with no active elig. in MEDS:           32
Number of Errors                :          107

*** End of Report ***
    
```

