




Design Document

CA-207950 | CIV-103874 – CalHEERS eHIT: Young Adult Expansion – Age Reevaluation Updates

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1 OVERVIEW

This SCR will automate an age change batch for age 26 based on the policy changes. Per the Governor's May Revise for the Fiscal Year (FY) 2019-20, young adults who are 19 to 25 years of age, inclusive, are eligible to full scope Medi-Cal regardless of their citizenship or immigration status if they meet all other eligibility criteria. This is referred to as "Young Adult Expansion." The new age change batch for turning age 26 will reevaluate adults for the correct scope of Medi-Cal after aging out of the Young Adult Expansion population.

There will also be modifications to close gaps between LRS and C-IV with Medi-Cal age reevaluation batch jobs; these changes add support for the Age 21 batch while making updates to the Age 19 batch logic.

1.1 Current Design

- The System runs Batch MAGI for MAGI Medi-Cal recipients turning ages 1, 6, and 19. LRS runs Batch MAGI for MAGI Medi-Cal recipients turning age 65. There is no automated Medi-Cal reevaluation process for individuals turning age 26.
- In C-IV, Batch EDR Run Reason Codes are used to track the reason C-IV initiated an Eligibility Determination Request (EDR) and several C-IV reports reference the Batch EDR Run Reason Code; LRS does not use Batch EDR Run Reason Codes. In LRS, the reason the system initiated an EDR is identified by the batch job number that created the EDR. This is currently a gap between LRS and C-IV.
- Current Design by ages effected by this SCR:
 - Age 19:
 - o Both LRS and C-IV determine the individuals to evaluate for MAGI Medi-Cal by the following criteria:
 - Currently a Medi-Cal Recipient
 - Active on a Medi-Cal Program
 - Turns 19-years old any day from the 2nd day of the current month through the first day of the next month.
 - Active on a MAGI Medi-Cal aid code:
 - LRS evaluates all individuals active on any MAGI Medi-Cal aid code
 - C-IV evaluates the specific MAGI Medi-Cal aid codes as per the original SB75 Aid Code Crosswalk
 - o Once the target population is identified, the following takes place:
 - The System processes Batch MAGI and sends an EDR for the selected programs to CalHEERS.
 - CalHEERS processes the EDRs and then returns to The System a Determination of Eligibility Response (DER) with the individual eligible to the new age-appropriate aid code.
 - The System then processes the DER in Batch EDBC to move the individual to the new age-appropriate aid code.

Age 21:

- LRS processes a subset of Non-MAGI Medi-Cal aid codes for Non-MAGI Medi-Cal recipients turning age 21 any day from the 2nd day of the current month through the first day of the next month through Batch EDBC.
- C-IV has the same batch as LRS, but the batch was removed from the C-IV batch schedule with the release of the Affordable Care Act (ACA) and was never added back to the C-IV batch schedule to run.

Age 26:

- There are no existing batches to process individuals turning age 26.

1.2 Requests

- Due to Young Adult Expansion, add a new age change batch for turning age 26 to reevaluate adults for the correct scope of Medi-Cal after aging out of the Young Adult Expansion population.
- Update the Age 21 batch to run for all Non-MAGI Medi-Cal aid codes.
 - For C-IV only, add the Age 21 batch EDBC sweep back to the batch schedule
- Update the Age 19 batch to run for a specific set of MAGI Medi-Cal aid codes.
- Add the Batch EDR Run Reason Code functionality to LRS.
- Update LRS reports to utilize the Batch EDR Run Reason Codes as a Reporting Indicator attribute.

1.3 Overview of Recommendations

1.3.1 Add Batch EDR Run Reason Functionality (LRS only)

1. Create the Batch EDR Run Reasons Category in LRS. This includes populating this category with the same Batch EDR Run Reasons that currently reside in C-IV.
2. Create the Batch EDR Run Reason Code columns in the CH_TRANSACT and CH_TRANSACT_INFO tables to store the Batch EDR Run Reason Codes as the batches are processed.
3. Update the existing data in the CH_TRANSACT_INFO and CH_TRANSACT tables with the Batch EDR Run Reason Code with what the code would have been at the time of the original running of the batch.
4. Modify Batch MAGI jobs to populate the Batch EDR Run Reason Code in the CH_TRANSACT and CH_TRANSACT_INFO tables.

1.3.2 Add Age 26 Batch

Add a new Age 26 batch to process individuals turning age 26 in all MAGI and Non-MAGI Medi-Cal aid codes. This change will update all other batches that are required for Age 26 to be implemented fully.

1.3.3 Update Age 21 Batch

Update the existing Age 21 batch process to include all Non-MAGI Medi-Cal aid codes. Activate the C-IV Age 21 batch to start running with the new changes.

1.3.4 Update Age 19 Batch

Update the existing Age 19 batch MAGI sweep job to reevaluate individuals active in specific MAGI Medi-Cal aid codes.

1.3.5 Update Reports for Batch EDR Run Reason Code (LRS only)

Update the LRS reports to use the Batch EDR Run Reason Code along with the Reporting Indicator attribute.

1.4 Assumptions

1. The System Age batches only process through Batch MAGI individuals who are active on a MAGI Medi-Cal aid code. The System Age batches do not process through Batch MAGI individuals who are active on Non-MAGI Medi-Cal and instead these individuals are processed directly through Batch EDBC. This same functionality will continue.

2 RECOMMENDATIONS

2.1 Add Batch EDR Run Reason Functionality (LRS only)

2.1.1 Create Batch EDR Run Reasons Category (LRS Only)

2.1.1.1 Overview

The Batch EDR Run Reasons category will be added to LRS to allow batches and reports to utilize Batch EDR Run Reason Codes. This adds the Batch EDR Run Reasons category with the existing codes and attributes from C-IV.

2.1.1.2 Description of Change

1. CATGRY
 - a. Create a Code Category (CT_2813) = Batch EDR Run Reasons
2. Populate CODE_DETL > Batch EDR Run Reasons category with the following reason codes along with all attributes (Copy from C-IV CT_2813):
 - a. 01 – Batch MAGI Redetermination EDR
 - b. 02 – Age 19/SB75 re-evaluation EDR
 - c. 03 – Auto-Rescission
 - d. 04 – Age 1 re-evaluation EDR
 - e. 05 – Age 6 re-evaluation EDR
 - f. TBD – MC-RE Discontinuance (implementing with CIV-11086)
 - g. TBD – Age 65 re-evaluation EDR
 - i. This is a new code that is to be added to LRS to support the existing Age 65 processing. Additional Attribute Design:
 1. Long Decode Name = Age 65 re-evaluation Eligibility Determination Request
 2. Reporting Indicator = Y
 - h. *** Any other Batch EDR Run Reasons that may be added into C-IV before this implementation.

2.1.2 Add Batch EDR Run Reason Code to CalHEERS Transaction Tables (LRS only)

2.1.2.1 Overview

Add BATCH_RSN_CODE to the CH_TRANSACT_INFO and CH_TRANSACT tables to support the Batch EDR Run Reason Codes.

A one-time data update will add the Batch EDR Run Reason Codes to the existing records in the CH_TRANSACT_INFO and CH_TRANSACT tables for the new functionality and reports to properly identify and categorize the records.

2.1.2.2 Description of Change

1. Create the column BATCH_RSN_CODE in the CH_TRANSACT and CH_TRANSACT_INFO tables with matching column attributes as C-IV.
 - a. Not Required
 - b. VARCHAR2 (3 Byte)
2. Update the data in CH_TRANSACT_INFO.BATCH_RSN_CODE with the following logic:
 - a. If CH_TRANSACT_INFO.CREATED_BY =
 - i. PB00CH203 then update BATCH_RSN_CODE = 01 (Batch MAGI Redetermination EDR)
 - ii. PB00CH206 then update BATCH_RSN_CODE = 02 (Age 19/SB75 re-evaluation EDR)
 - iii. PB00E155 then update BATCH_RSN_CODE = 03 (Auto-Rescission)
 - iv. PB00CH208 then update BATCH_RSN_CODE = 04 (Age 1 re-evaluation EDR)
 - v. PB00CH209 then update BATCH_RSN_CODE = 05 (Age 6 re-evaluation EDR)
 - vi. PB00CH204 then update BATCH_RSN_CODE = {TBD from section 2.1.1.2.2.f} (MC-RE Discontinuance)
 - vii. PB00CH211 then update BATCH_RSN_CODE = {TBD from section 2.1.1.2.2.g} (Age 65 re-evaluation EDR)
3. Repeat #2 for CH_TRANSACT table

2.1.3 Modify Batch MAGI for Batch EDR Run Reason (LRS only)

2.1.3.1 Overview

Batch MAGI sweep jobs will be modified to use the Batch EDR Run Reason. These sweep jobs will insert the Batch EDR Run Reason code into the CH_TRANSACT table. Batch MAGI thread jobs will be

updated to copy the Batch EDR Run Reason from CH_TRANSACT table into the CH_TRANSACT_INFO table for EDR processing.

2.1.3.2 Description of Change

1. Update the following Batch MAGI sweep jobs to insert a Batch EDR Run Reason Code into the CH_TRANSACT table.
 - a. PB00CH203 (MAGI Redetermination Sweep)
 - i. Batch EDR Run Reason Code = 01 (Batch MAGI Redetermination EDR)
 - b. PB00CH204 (Negative Action)
 - i. Batch EDR Run Reason Code = {TBD from section 2.1.1.2.2.f} (MC-RE Discontinuance)
 - c. PB00CH206 (MAGI Age 19 Sweep)
 - i. Batch EDR Run Reason Code = 02 (Age 19/SB75 Re-evaluation EDR)
 - d. PB00CH208 (MAGI Age 1 Sweep)
 - i. Batch EDR Run Reason Code = 04 (Age 1 Re-evaluation EDR)
 - e. PB00CH209 (MAGI Age 6 Sweep)
 - i. Batch EDR Run Reason Code = 05 (Age 6 Re-evaluation EDR)
 - f. PB00CH211 (MAGI Age 65 Sweep)
 - i. Batch EDR Run Reason Code = {TBD from section 2.1.1.2.2.g} (Age 65 re-evaluation EDR)
 - g. PB00E155 (Auto-Rescind Medi-Cal Sweep)
 - i. Batch EDR Run Reason Code = 03 (Auto-Rescission)
2. Update the Batch MAGI thread jobs (PB00CH501-600) to copy the Batch EDR Run Reason Code from CH_TRANSACT to the CH_TRANSACT_INFO table for EDR processing.

2.2 Add Age 26 Batch

2.2.1 Overview

Add an Age 26 batch to process individuals turning age 26 in all MAGI and Non-MAGI Medi-Cal aid codes. This section includes all changes to various batch jobs to support implementing Age 26 batch processing.

2.2.2 Description of Change

1. Add Batch EDR Run Reason Code for Age 26
 - A. CODE_DETL Table > Category 2813
 - a. Add the following Batch EDR Run Reasons code:

Short Decode Name	Long Decode Name	Reporting Indicator
Age 26 re-evaluation EDR	Age 26 re-evaluation Eligibility Determination Request	Y

2. Add Batch Eligibility Sweep Code for Age 26 (LRS Only)
 - A. CODE_DETL Table > Category 942
 - a. Add the following Batch Eligibility Sweep code:

Short Decode Name	Long Decode Name
Adult in Medi-Cal turns 26	Adult in Medi-Cal turns 26

3. Add a new Batch MAGI sweep to process MAGI Medi-Cal individuals turning Age 26.
 - A. Current logic from the existing age batches will be utilized to create the Age 26 batch along with adding the following logic:
 - a. Individual is turning Age 26 any day from the 2nd day of the current month through the first day of the next month.
 - b. Active on a Medi-Cal Program (CT_184 REFER_TABLE_5_DESCR = 'MC')
 - c. Active on a MAGI Medi-Cal aid code (CT_184 REFER_TABLE_20_DESCR = 'Y')
4. Update LRS (PB00E123) and C-IV (PB00E120) batch jobs to process the Age 26 DERs received in Batch EDBC. This update will add the programs where a DER was received from Age 26 Batch MAGI processing into the SYS_TRANSACT table for Batch EDBC processing.
 - A. Update C-IV batch PB00E120 and LRS batch PB00E123 to create a SYS_TRANSACT record for DERs received from the Age 26 Batch MAGI processing.
5. Create a Batch EDBC sweep to process Non-MAGI Medi-Cal individuals turning Age 26 using the following logic:

- A. Individual is turning Age 26 any day from the 2nd day of the current month through the first day of the next month.
- B. Active on a Medi-Cal Program (CT_184 REFER_TABLE_20_DESCR = 'MC')
- C. Active on a Non-MAGI Medi-Cal aid code (CT_184 REFER_TABLE_20_DESCR is not 'Y')

2.2.3 Execution Frequency

Monthly on the 10th business day of the month.

***Note: This will be in line with the other age batches currently scheduled.

2.2.4 Key Scheduling Dependencies

Run the Age 26 Batch MAGI Sweep before Batch MAGI.

Run the Age 26 Non-MAGI Batch Sweep before Batch EDBC.

2.2.5 Counties Impacted

All 40 counties

2.2.6 Data Volume/Performance

No measurable amount of data volume or performance change.

2.2.7 Failure Procedure/Operational Instructions

Batch Support Operations staff will evaluate transmission errors and failures and determine the appropriate resolution (i.e., manually retrieving the file from the directory and contacting the external partner if there is an account or password issue, etc...)

2.3 Update Age 21 Batch

2.3.1 Overview

The existing Age 21 EDBC batch sweep (PB00E135) will be updated to process all individuals active on Non-MAGI Medi-Cal turning age 21.

2.3.2 Description of Change

1. Update the Age 21 batch EDBC sweep (PB00E135) as follows:
 - a. Utilize the following logic in the existing batch to determine which Non-MAGI aid codes to evaluate:

- i. Active on a Medi-Cal Program (CT_184
REFER_TABLE_5_DESCR = 'MC')
 - ii. Active on a Non-MAGI Medi-Cal aid code (CT_184
REFER_TABLE_20_DESCR is not 'Y')
- b. Activate the Age 21 batch EDBC sweep (PB00E135) for C-IV.

2.3.3 Execution Frequency

Monthly on the 10th business day of the month.

***Note: This will be in line with the other age batches currently scheduled.

2.3.4 Key Scheduling Dependencies

Run before Batch EDBC

2.3.5 Counties Impacted

All 40 counties

2.3.6 Data Volume/Performance

No measurable amount of data volume or performance change.

2.3.7 Failure Procedure/Operational Instructions

Batch Support Operations staff will evaluate transmission errors and failures and determine the appropriate resolution (i.e., manually retrieving the file from the directory and contacting the external partner if there is an account or password issue, etc...)

2.4 Update Age 19 Batch

2.4.1 Overview

Update the Age 19 batch to process individuals active in specific MAGI Medi-Cal aid codes as specified below.

2.4.2 Description of Change

1. Update the Age 19 Batch MAGI Sweep job (PB00CH206) to process only individuals in specific MAGI Medi-Cal aid codes:
 - a. Remove the current MAGI Medi-Cal aid code selection logic.
 - b. Evaluate against the following MAGI Medi-Cal aid codes.
 - M5
 - M6
 - P5
 - P6
 - T1
 - T2
 - T6
 - T7

2.4.3 Execution Frequency

The current schedule of the batch job will not change.

2.4.4 Key Scheduling Dependencies

The current scheduling dependencies will not change.

2.4.5 Counties Impacted

All 40 counties

2.4.6 Data Volume/Performance

No measurable amount of data volume or performance change.

2.4.7 Failure Procedure/Operational Instructions

Batch Support Operations staff will evaluate transmission errors and failures and determine the appropriate resolution (i.e., manually retrieving the file from the directory and contacting the external partner if there is an account or password issue, etc...)

3 REPORTS UPDATE (LRS ONLY)

3.1 Overview

The LRS contains the following three E-HIT Exception reports that decode and display a "Processing Reason" based on a combination of the run reason value and the name of the batch job that created the transaction:

- E-HIT Exception Report – Error Message Received from CalHEERS
- E-HIT Exception Report – MAGI Ineligibles from CalHEERS – Need Case Authorization
- E-HIT Exception Report – No Response from CalHEERS

Section 2.1 introduces a new category with specific Batch EDR Run Reason Codes that will map directly to the existing logic of the reports that decode processing reasons based on the run reason and the batch job that created the transaction. The logic of the above reports can be modified to restrict, and display information on the reports based on reportable Batch EDR Run Reason values.

3.2 Description of Change

Modify the logic of the following three reports to be based on reportable Batch EDR Run Reason Codes. This modification will result in the reports being flexible enough to handle future Batch EDR Run Reason Codes without report modifications:

- E-HIT Exception Report – Error Message Received from CalHEERS
 - E-HIT Exception Report – MAGI Ineligibles from CalHEERS – Need Case Authorization
 - E-HIT Exception Report – No Response from CalHEERS
1. Modify the core logic of each report to restrict the population of the report to be based on Batch EDR Run Reason values with a Reporting Indicator of Yes. The current report logic restricts based on processing reasons of 'RE'-Renewal – batch administrative renewal, 'CO'- Continuing, 'NA'-Negative Action and 'RC'- Rescind. Note, section 2.1.3.2 will create a onetime load of the Batch EDR Run Reason Codes for existing transaction records to facilitate reporting during this logic transition.

2. Modify the logic of each report that determines the processing reason to be displayed in the "Processing Reason" column to no longer compare the processing reasons along with the batch job name that created the transaction. The processing reason to be displayed will be the decoded value of the reportable Batch EDR Run Reason associated to the transaction. The new decoded value will differ slightly from the existing values that are displayed on the reports as follows:

Previous Value	New Value
Renewal	Batch MAGI Redetermination EDR.
Child Turning 19	Age 19/SB75 re-evaluation EDR.
End of 60-Day Post-Partum Period	N/A – The batch process to create this reason no longer runs
Child Turning 1	Age 1 re-evaluation EDR
Child Turning 6	Age 6 re-evaluation EDR
Person Turning 65	Age 65 re-evaluation
Failure to Complete Redetermination	MC RE Discontinuance
Rescission	Auto-Rescission

Note: The above table only describes changes to the display of existing Processing Reasons on the 3 reports. Additional batch run reasons that are introduced with this SCR or future SCRs will display the decoded Batch EDR Run Reason value accordingly.

3.2.1 Report Location

All three E-HIT Exception reports are located at:

Global: Reports

Local: Scheduled

Task: Case Activity

3.2.2 Counties Impacted

Los Angeles county only

4 SUPPORTING DOCUMENTS

[This section should include any supporting documents for the design as imbedded documents. Some examples of supporting documents include the Security Matrix, Form Design Documents, NOA Design Documents, and ETL Source-to-Target Mappings.]

Number	Functional Area	Description	Attachment

5 REQUIREMENTS

[Document what requirements are being addressed with this design and how they are being met]

5.1 Project Requirements

REQ #	REQUIREMENT TEXT	How Requirement Met
2.1.1.11	The LRS shall automatically trigger batch processing and/or authorize the action when individual or case information is entered through online, interface, or batch processes.	Age 26 redetermination will be done through a batch process automatically triggered in LRS.