

MIRCaI

Edit Flag Description Guide

EMERGENCY DEPARTMENT and AMBULATORY SURGERY DATA

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Version 20



Medical Information Reporting for California

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SUMMARY OF CHANGES VERSION 20

Added '100101000' and '001010001' as invalid Social Security Numbers

Effective with encounters on and after April 1, 2014
(April - June 2014 Report Period)

NEW! Warning (non-critical) Comparative Edit – CW Flag (Page 14)

CW07: The percentage of E849.9 - Unspecified Place of Occurrence is 50% or more. Please review records and correct to a more specific place of occurrence, if the information is available in the medical record.

The following applies to data element name changes only.
Validation edits have not been altered.

Preferred Language Spoken

Data element re-named from 'Principal Language Spoken' to 'Preferred Language Spoken'
Reference: AB 1382, Chapter 599, Statutes of 2013 Health and Safety Code, Section 128736.

Edit Flags affected: C046, C047 and SW14

External Cause of Morbidity Codes

Changed all references of E-Code/E-Codes to External Cause Code/External Cause Codes

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I INTRODUCTION

There are currently four (4) MIRCal edit programs applied to Emergency Department and Ambulatory Surgery encounter data. A facility's data are processed through the following MIRCal edit programs:

- Transmittal Validation
- Standard Edit Program
- Trend Edit Program
- Comparative Edit Program

Each record is edited, and any errors found within the record are identified by edit flags.

These edit programs have been developed to promote reliable, accurate, and quality data.

This guide provides detailed information about each edit program, the applicable Error Tolerance Levels, and a list of the edit flags and their descriptions.

II MIRCAL EDIT PROGRAMS AT-A-GLANCE

UNDERSTANDING THE MIRCAL EDIT PROGRAMS

Your data will be rejected if it fails any of the edit programs described below.

"Fail" means your data is not at or below the established Error Tolerance Level (ETL).

Understanding these edit programs and the reasons your data might fail are very important when determining the best way to correct errors.

If your data fails the Transmittal Validation, it will be rejected and will not be processed through the remaining edit programs.

Program	Description	Likely Cause of Failure
Transmittal Validation	<p>Checks for proper file format and compares the "Expected" (based on the Transmittal Page information) to "Actual" data submitted.</p> <ul style="list-style-type: none"> • Virus infected file • No data in file • Multiple files or no file in a Zip file • Incorrect file format • Discrepancy in the number of records submitted vs. the number entered on the Transmittal screen. • One (1) or more records are reported with a Service Date that is blank, invalid, or outside the Report Period. • Incorrect Facility ID Number on one or more records • MIRCal Database errors 	Your data did not pass one or more of the transmittal validations
Trend Edit (T flag)	This edit program compares the data in the current report period to the facility's historical data to identify uncharacteristic increases or decreases in percentages reported for certain data elements/categories.	Your data caused the program to generate one or more Critical Trend flags
Comparative Edit (C Flag)	<p>Based on the TOTAL records reported, checks for reasonable distribution of categories within each data element for the Current Report Period.</p> <p>EXAMPLE: If 100% of your records are reported as Expected Source of Payment-Other, this program will generate a Comparative Edit flag and your data will fail.</p>	Your data caused the program to generate one or more Comparative Edit flags.
Standard Edit (S flag)	<p>Checks for data entry errors and inconsistencies of data reported within each record.</p> <p>EXAMPLE: Date of Birth is after the Service Date</p>	More than 2% of your records contain standard edit errors

III TRANSMITTAL VALIDATION

OVERVIEW

Transmittal Validation consists of two (2) levels of validation: The first level checks files for viruses and for empty, incomplete or multiple files. The second level checks for proper file format, discrepancies in the number of records submitted, blank and invalid discharge dates, and incorrect facility ID numbers.

Error Tolerance Level: Data must pass both levels of validation before continuing through the remaining MIRCal edit programs.

How do I know if my data failed Transmittal Validation?

Access the "Main Error Summary" to see if your data passed or failed Transmittal Validation. If the data failed Transmittal Validation, the Summary will display the error message(s) and record number(s) that contain the error.

- Up to 20 records are listed.
- If there more than 20 records with a transmittal error, then the following message will be displayed:
There are more than 20 records with a transmittal error. Only the first 20 records are listed.

To access the Main Error Summary: click on "Main Error Summary" on the Main Menu.

THE FIRST LEVEL CHECKS FOR THE FOLLOWING:

If the data fails any one of these transmittal edits, it will be rejected immediately and will not be processed through the Second Level of transmittal edits.

- Virus infected file
- Empty file (no data contained in the file)
- Multiple files or no files in a Zip file

Once data passes the first level of edits, it will continue on to the second level of Transmittal Validation.

SECOND LEVEL OF TRANSMITTAL EDITS

Data will be rejected if it fails one or more of the following edits. Data must pass Transmittal Validation before continuing on to the remaining MIRCal edit programs.

- Incorrect File Format
- Non-ASCII character
- Discrepancy in Number of Records submitted
- Blank and Invalid Discharge Dates
- Incorrect Facility ID Number
- MIRCal Database capacity errors

TRANSMITTAL ERROR MESSAGES

NOTE: For additional information on Transmittal Errors and how to correct them, please see the *Troubleshooting Guide for Transmittal Errors, Rev 11/08* which can be found on the MIRCal website at <http://www.oshpd.ca.gov/HID/MIRCal/ManualsGuides.html>.

<i>Transmittal Edit</i>	<i>Error Message (Displayed on Main Error Summary)</i>
I. FIRST LEVEL OF EDITING	
Checks for Viruses	Virus infected file. Transmission of data was terminated.
Database failed to receive file submission	Database failed to receive file submission. Contact your OSHPD Analyst immediately. NOTE: This occurs when the Transmittal processor cannot access the database.
Does the file contain data? (Empty file)	No data contained in the file.
Multiple files in a Zip file?	Zip file contains multiple files.
No text file included in the Zip file	Zip file does not contain a file with a .txt file extension.
II. SECOND LEVEL OF EDITING	
To easily locate the error(s) in the file, the Main Error Summary will display the Record Number(s) that contain a transmittal error. Up to 20 records are listed.	
Incorrect File Format	File contains non-ASCII character(s).
Incorrect File Format	Record length is more than 406 bytes.
Incorrect File Format	Record length is less than 406 bytes.
Incorrect File Format	No Carriage Control at byte 407.
Incorrect File Format	No Line Feed at byte 408.
Discrepancy in the Total Number of Records submitted. There is a difference of more than 20 records	Total number of records submitted does not match the number of records entered on the Transmittal screen. There is a difference of more than 20 records. NOTE: The "Number of Records" column on the Main Error Summary displays the number entered by the User.
Records with Service Dates outside the Report Period	One or more records are reported with a Service Date that is blank, invalid, or outside the Report Period.
Incorrect Facility ID Number	Incorrect Facility ID Number reported on one or more records.
MIRCal database capacity error	MIRCal Database error. The number of records in the MIRCal database does not match the number of records submitted. Contact your OSHPD analyst immediately.

IV TREND EDIT PROGRAM

OVERVIEW

The Trend Edit Program is designed to check for inconsistencies in data by comparing data submitted in the current report period to data submitted in the last two (2) (historical) report periods. If the difference between the current data and the historical data is more than a specified percentage, then a T (critical) or TW (non-critical) flag is applied to that data element or data element category. The facility must review any critical T flags in the data and verify whether or not the data is correct as reported.

Data will fail the Trend Edit Program if one or more Critical Trend Flags (T) are identified in the data.

Please see next page for a list of the Trend Edit Flags and their descriptions.

The Trend Edit Program will not apply edits to a data element if:

- A data element in the current report period has a Modification, Non-Compliance or Variant Action.
- The current report period is less than 60 days. Conversely, an historical report period that is less than 60 days will not be used for trend analysis.
- There is no historical data for the facility (e.g., new facility)

How do I know if my data failed the Trend Edit Program?

Check the "Main Error Summary for all Edit Programs" to see if your data passed or failed the Trend Edit Program. The Summary will display either "Pass" or "Fail" for this edit program. For "Fail" status, the Summary also displays the number of trend edit flags identified in the data.

To access this Summary: click on "Main Error Summary" on the Main Menu.

DEFINITIONS AND REPORTS

Critical Trend (T) Flag

A "T" flag, followed by a 3-digit number, identifies a Critical Trend Edit Flag.

A T-flag will result when the current data fails the Trend Edit in both historical report periods or it fails the Trend Edit against the only available historical report period. The affected data element category will receive the applicable T-Flag.

Trend Warning (TW) Flag (Non-Critical Error)

A "TW" flag, followed by a 2-digit number, identifies a Warning (Non-Critical) Trend Edit Flag. A TW-flag will **not** cause the data to be rejected. A TW-flag will result when the current data fails the Trend Edit in one historical report period, and passes the Trend in the second historical report period. These flags are "warnings" that alert the facility to review possible errors in the data.

Trend Edit Summary Report

This report identifies the data element categories that have been flagged with a T or TW flag. This report includes the percentage or number of records reported in a data element for the Current Report Period; and the percentage or number in the historical report period(s) for the same data element.

To access this report: From the Main Menu, click on “Error Reports”, then under “Edit Programs-Trend Edits (T)”, click on “View” under “Summary Report”. You can print and/or save this PDF report.

Data Distribution Report

This report displays each data element and lists the numerical and percentage breakdown of records within each data element category. Use this report to compare the data element categories that have been flagged with a “T” or “TW” flag to those categories (within the same data element) that were not flagged. It also may be useful to compare the “current” Data Distribution Report to “historical” Data Distribution Report(s) and look for any questionable increases or decreases in data element categories.

To access this report: From the Main Menu, click on “Error Reports”, then under Informational Reports, click on “View” next to “Data Distribution Report”. You can print and/or save this PDF report. Use the Data Distribution Report, in conjunction with the Trend Edit Summary Report, to help you determine if data is in error or is correct as reported.

TREND EDIT FLAGS AND DESCRIPTIONS

Critical Flags are identified as a T flag

Warning (Non-Critical) flags are identified as a TW flag

<i>Trend Edit Flag</i>	<i>Description</i>
T005	The total number of records submitted (for the current report period) <u>decreased</u> more than 20%, when compared to your facility's historical data.
TW05	The total number of records submitted (for the current report period) <u>decreased</u> more than 20%, but data failed one historical report period and passed one historical report period.
T006	The total number of records submitted (for the current report period) <u>increased</u> more than 20%, when compared to your facility's historical data.
TW06	The total number of records submitted (for the current report period) <u>increased</u> more than 20%, but data failed one historical report period and passed one historical report period.

V COMPARATIVE EDIT PROGRAM

OVERVIEW

The Comparative Edit Program evaluates data for “reasonable” distribution of data within each data element category for the current report period. If the percentage reported is greater than expected, then the data element category will fail the Comparative Edit. Comparative Edits are not applied to Blank or Invalid data.

Comparative Edits are a “fixed” percentage that applies to all facilities regardless of size.

A C-Flag, followed by a 3-digit number, identifies critical Comparative Edits.

Data will fail the Comparative Edit Program if one or more critical Comparative Edit Flags are identified in the data.

How do I know if my data failed the Comparative Edit Program?

Check the "Main Error Summary for all Edit Programs" to see if your data passed or failed the Comparative Edits. The Summary displays either “Pass” or “Fail” for this edit program. For “Fail” status, the Summary also displays the number of comparative edit flags identified in the data.

To access this Summary: click on "Main Error Summary" on the Main Menu.

DEFINITIONS AND REPORTS

Critical Comparative (C) Flag

A “C” flag, followed by a 3-digit number, identifies a Critical Comparative Edit Flag. A C-flag will result when the percent of data reported within a particular data element category is greater than expected. The affected data element category will receive the applicable C-Flag.

Comparative Warning (CW) Flag (Non-Critical Error)

A “CW” flag, followed by a 2-digit number, identifies a Warning (Non-Critical) Comparative Edit Flag. **A CW-flag will NOT cause the data to be rejected.** These flags are “warnings” that alert the facility to review possible errors in the data.

How does MIRCal determine if a data element category failed a Comparative Edit?

- Based on the total records reported, MIRCal calculates the percentage of records reported in a data element category. If the reported data is greater than expected, then a C-flag is applied to that data element category.
- The Comparative Edit Summary Report displays all the data element categories that have been flagged with a C flag.

Example of a Comparative Edit that is based on a fixed percentage:

C015: All records (100%) are reported in one data element category for Disposition of Patient.

If a facility reports 100% of their records as Disposition of Patient-‘Other’, then the data will receive a C015 flag.

Comparative Edit Summary Report

This report identifies the data element categories that have been flagged with a C flag. The report is in alphabetical order by data element and includes the data element category; percentage of records reported (Current Report Period); and the corresponding C flag.

To access this report: Click on “Error Reports” on the Main Menu, then under “Edit Programs-Comparative Edits (C)”, click on “View” under “Summary Report”. You can print and/or save this PDF report.

Data Distribution Report

This report displays each data element and lists the numerical and percentage breakdown of records within each data element category. Use this report to compare the data element categories that have been flagged with a “C” flag to those categories (within the same data element) that were not flagged.

To access this report: From the Main Menu, click on “Error Reports”, then under Informational Reports, click on “View” next to “Data Distribution Report”. You can print and/or save this PDF report.

Use the Data Distribution Report, in conjunction with the Comparative Edit Summary Report, to help you determine if data is in error or is correct as reported.

Report by Selected Data Element (custom report)

When reviewing the Comparative Edit Summary Report, you may need to review records associated with a Comparative Edit Flag. For example, Expected Source of Payment-Other has a C017 flag— “All records (100%) are reported in one Expected Source of Payment category”. In order to correct these records, it would be helpful to generate a report that lists all records reported as Expected Source of Payment-Other.

You may need to contact your OSHPD analyst and request a “Report by Selected Data Element”. This custom report (all records reported as Expected Source of Payment-Other, sorted by Abstract Record Number) can be generated and posted on MIRCal. It can then be accessed by the facility and used for Comparative Edit error analysis. The report can only be accessed by the requesting facility.

NOTE: *If it is determined that the current data submitted is accurate, please contact your OSHPD Analyst to explain.*

CRITICAL COMPARATIVE EDIT FLAGS AND DESCRIPTIONS

Comparative Edit Flag	Description
C001	All records are reported in one Sex category: Male or Female.
C003	The percentage of records reported with Unknown Sex is greater than 0.1%.
C004	All records are reported in one Ethnicity category.
C006	All records are reported in one Race category.
C009	The percentage of records with Unknown ZIP Code (99999) is greater than 2%.
C015	All records are reported in one Disposition of Patient category. Excludes "Home/Self Care" (routine discharge).
C016	The percentage of records with Patient Disposition-Other is greater than 1%.
C017	All records are reported in one Expected Source of Payment category.
C021	No Principal Procedure reported on any records (ED only).
C031	The percentage of records with 799.9 (Unspecified/unknown) as the Principal Diagnosis is greater than 0.1%.
C033	The percentage of records with Expected Source of Payment-Other is greater than 2%.
C046	100% of records reported with the same Preferred Language Spoken Code.
C047	The percentage of records with Unknown Preferred Language Spoken (999) is greater than 0.5%
C048	The percentage of records with an SW14 flag is greater than 1%. These records are reported with a PLS write-in that is questionable and requires verification by the facility.
C049	The percentage of records with PLS UND (Undetermined) is greater than 0.5%.
C050	The percentage of records with PLS ZXX (No linguistic/language content) is greater than 0.1%.
C051	AS Data only: One or more records are reported with Patient Disposition 20 - Expired. Verify that this is an AS encounter and that the Principal Diagnosis and Procedures are correctly reported.
C053	The percentage of records with Expected Source of Payment 'MA' (Medicare Part A) is greater than 0.1%.

WARNING (NON-CRITICAL) COMPARATIVE EDIT FLAGS AND DESCRIPTIONS

Warning Edit Flag	Description
NEW! CW07	The percentage of E849.9 - Unspecified Place of Occurrence is 50% or more. Please review records and correct to a more specific place of occurrence, if the information is available in the medical record.
CW10	<p>ED Data: The number of Unknown SSN's reported is greater than 20%. Excludes records with age less than 1 year old.</p> <p>AS Data: The number of Unknown SSN's reported is greater than 15%. Excludes records with age less than 1 year old.</p>

VI RECORDS WITH A BLANK OR INVALID PRINCIPAL DIAGNOSIS (Effective with the July-September 2011 Report Period)

OVERVIEW

The “Records with a Blank or Invalid Principal Diagnosis” edit program identifies records with a Principal Diagnosis that is blank, invalid, reported with an “old” diagnosis code after the effective End Date (September 30); or reported with a “new” diagnosis code before the effective Begin Date (October 1).

Error Tolerance Level (ETL): Zero Records

Data will be rejected if one or more records fail this edit program.

How do I know if my data failed the “Records with a Blank or Invalid Principal Diagnosis” Edit Program?

Check the "Main Error Summary for all Edit Programs" to see if your data passed or failed this edit program. The Summary will display either “Pass” or “Fail”. If data has failed, the summary will display the number of records reported with a blank or invalid Principal Diagnosis.

To access this Summary: click on "Main Error Summary" on the Main Menu.

DEFINITIONS AND REPORTS

Critical (S) Flag

An ‘S’ flag followed by a 3-digit number identifies a critical error. Critical S-flags are applied towards the ETL. If there are one or more records with an S-flag for this edit program, then the data will FAIL the “Records with a Blank or Invalid Principal Diagnosis” and your data will be rejected.

Warning (SW) Flag (Non-Critical Error)

Currently, there are no warning flags for this edit program.

Edit Detail Report of Records with a Blank or Invalid Principal Diagnosis

This report displays all records that received an S001, S002, S059, or S060 on the Principal Diagnosis. The report is sorted by Service Date.

To access this report: From the Main Menu, click on “Error Reports”, then under Informational Reports, click on “View” next to “Records with a Blank/Invalid Principal Diagnosis (S).”

RECORDS WITH A BLANK OR INVALID PRINCIPAL DIAGNOSIS

<i>Critical Edit Flag</i>	<i>Description</i>
S001	Principal Diagnosis is Blank.
S002	Principal Diagnosis is invalid.
S059	New Diagnosis Code is reported <u>BEFORE</u> the Effective Begin Date (October 1).
S060	Old Diagnosis Code is reported <u>AFTER</u> THE Effective End Date (September 30).

Warning (SW) Non-Critical Flags

<i>Warning (Non-Critical)</i>	<i>Description</i>
none	

VII STANDARD EDIT PROGRAM

OVERVIEW

The Standard Edit Program edits the data reported within each record. There are two (2) types of Standard Edits: Field Edits and Relational Edits. Field edits identify data elements that are blank, incomplete, or invalid. Relational edits identify illogical relationships between two or more data elements within the same record.

The Error Tolerance Level (ETL) for Standard Edits is 2% of records with one or more Critical Standard Edit flags, based on the total records reported. All edit flags in a record are counted as one (1) error.

How do I know if my data failed the Standard Edit Program?

Check the "Main Error Summary for All Edit Programs" to see if your data passed or failed the Standard Edit Program. This Summary displays either "Pass" or "Fail" and the number and percentage of records with an "S" flag.

To access the Main Error Summary: click on "Main Error Summary" on the Main Menu.

DEFINITIONS AND REPORTS

Critical Standard (S) Edit Flag

An "S" flag, followed by a 3-digit number, identifies a Critical Standard Edit Flag. Critical S-Flags are applied toward the ETL. If there are more than 2% of records with one or more Critical S-flags, then the data will FAIL the Standard Edit Validation.

Standard Edit Warning (SW) Flag (Non-Critical Error)

An "SW" flag, followed by a 2-digit number, identifies a Standard Edit Warning Flag. SW-flags will not cause the data to be rejected since they are not applied toward the ETL. These warning flags are provided to alert the facility to review possible errors in the data.

Standard Edit Summary Report

This report displays all data elements with Standard Edit flags. There are two (2) tables: one for data elements that have S-flags (critical) and one for data elements that have SW-flags (warning). In each table, the data elements are listed in alphabetical order and include the number, flag, and percentage of S flag(s) within each data element. Use this Report to make sure that all errors are located and reviewed or corrected within each record.

Standard Edit Detail Report

This report displays records that have one or more S or SW-flags. This report is sorted by Service Date, then by Abstract Record Number within each Service Date.

To access these reports: click on "Error Reports" on the Main Menu.

INVALID SOCIAL SECURITY NUMBER RANGES

- Identical numbers repeated 7 or 8 times (except 000000001 – Unknown SSN). Numbers do not have to be in consecutive order
- 9 identical numbers
- Alpha characters
- The last 4 numbers are 0000
- 4th and 5th digits are 00
- The first three (3) numbers are:
 - ✓ 000
 - ✓ 666
 - ✓ 900 through 999
- Reported as '100101000' or '001010001'

CRITICAL STANDARD EDIT FLAGS AND DESCRIPTIONS

<i>Critical Standard Edit Flag</i>	<i>Description</i>
S001	Blank
S002	Invalid. Data reported is not a valid OSHPD value For Preferred Language Spoken : Valid values include alpha characters; ' (apostrophe); – (hyphen), and 999. All other special characters and numeric values are invalid.
S011	Sex is illogical with Male Principal Diagnosis Code
S018	Duplicate Diagnosis Codes reported
S019	Principal Procedure is Blank, yet Other Procedures are reported
S021	Age is illogical with Principal Diagnosis Code
S023	Place of Occurrence Code is required
S029	Place of Occurrence Code cannot be the Principal External Cause Code
S054	Age of the patient is greater than 120 years old
S059	New Diagnosis Code is reported <u>BEFORE</u> the Effective Begin Date (October 1)
S060	Old Diagnosis Code is reported <u>AFTER</u> the Effective End Date (September 30)
S080	Date of Birth is after the Service Date
S086	Sex is illogical with Female Principal Diagnosis Code
S087	Sex is illogical with Male Other Diagnosis Code
S088	Sex is illogical with Female Other Diagnosis Code
S102	Duplicate External Cause Codes reported in Principal and Other External Cause Code fields
S103	Duplicate Other External Cause Codes reported
S104	Principal External Cause Code is blank, yet Other External Cause Codes are reported
S105	Age is illogical with Other Diagnosis Code
S108	Age is illogical with Principal External Cause Code
S109	Age is illogical with Other External Cause Code
S114	New CPT-4 Procedure Code is reported <u>BEFORE</u> the Effective Begin Date (January 1 or July 1)
S116	New External Cause Code is reported <u>BEFORE</u> the Effective Begin Date (October 1)
S119	Old CPT-4 Procedure Code is reported <u>AFTER</u> the Effective End Date (December 31)
S121	Old External Cause Code is reported <u>AFTER</u> the Effective End Date (September 30)
S123	Service Date is Out-of-Range for the report period

Critical Standard Edit Flag	Description
S124	New Patient Disposition Code reported <u>BEFORE</u> the Effective Begin Date
S125	Old Disposition of Patient Code reported <u>AFTER</u> the Effective End Date
S126	New Expected Source of Payment Code reported <u>BEFORE</u> the Effective Begin Date
S127	Old Expected Source of Payment Code reported <u>AFTER</u> the Effective End Date
S128	An Evaluation and Management (E&M) code should not be reported as Principal Procedure <u>when</u> there are other procedures reported on the record within the Surgery Group 10021-69999. Switch the E&M Code with one of the Other Procedures that is more closely related to the Principal Diagnosis and is the chief reason for the encounter.
S138	The PLS Code or language reported is <u>AFTER</u> its removal from OSHPD Regulations

WARNING STANDARD EDIT FLAGS AND DESCRIPTIONS
(Non-Critical Flags)

Warning (Non-Critical) Standard Edit Flag	Description
SW05	Principal Diagnosis: HIV test result reported
SW06	Other Diagnosis: HIV test result reported
SW14	Questionable PLS write-in reported. Please review and verify the Preferred Language Spoken.
SW25	Missing Principal External Cause Code. The external cause code is required for the reported Principal Diagnosis. NOTE: If your facility is the first episode of care* for this injury, poisoning, or adverse effect being treated or diagnosed, then the external cause code must be reported. If your facility is not the first episode of care*, then do not report the external cause code. * First episode of care includes ED or AS encounter, or hospital admission (discharge record). It does not include doctor's office.

VIII AGE AND SEX EDIT TABLES

AGE EDIT TABLE

<u>ICD-9-CM Diagnosis Code</u>	<u>Record will flag if Age at Admission is...</u>
V11.4	Age is less than 15
V20.0 - V20.2	Age is greater than 17
V22.0 – V22.2	Age is less than 12 or greater than 55
V23.0 - V23.7	Age is less than 12 or greater than 55
V23.81 - V23.82	Age is less than 35 or greater than 55
V23.83 - V23.84	Age is greater than 15
V23.85 – V23.9	Age is less than 12 or greater than 55
V24.0	Age is less than 12 or greater than 55
V27.0 - V28.89	Age is less than 12 or greater than 55
V29.0 - V29.9	Age is greater than 1
V30.00 - V30.1	Age is greater than 1
V31.00 - V31.1	Age is greater than 1
V32.00 - V32.1	Age is greater than 1
V33.00 - V33.1	Age is greater than 1
V34.00 - V34.1	Age is greater than 1
V35.00 - V35.1	Age is greater than 1
V36.00 - V36.1	Age is greater than 1
V37.00 - V37.1	Age is greater than 1
V39.00 - V39.1	Age is greater than 1
V49.81	Age is less than 15
V51.0	Age is less than 15
V59.71 - V59.72	Age is greater than 34
V59.73 - V59.74	Age is less than 35
V61.6 - V61.7	Age is less than 12 or greater than 55
V62.21 – V62.29	Age is less than 15
V69.5	Age is greater than 17
V71.01	Age is less than 15
V71.02	Age is greater than 17
V72.42	Age is less than 12 or greater than 55
V85.0 – V85.45	Age is less than 21
V85.51 – V85.54	Age is greater than 20
V89.01 - V89.09	Age is less than 12 or greater than 55
V91.00 – V91.99	Age is less than 12 or greater than 55
040.41	Age is greater than 17
058.10 – 058.12	Age is greater than 17
259.1	Age is greater than 17
277.01	Age is greater than 1
290.0 – 290.9	Age is less than 15
303.00 - 303.03	Age is less than 10
303.90 - 304.93	Age is less than 10
305.00 - 305.03	Age is less than 10
305.1	Age is less than 10
305.20 - 305.43	Age is less than 10
305.50 - 305.53	Age is less than 10
305.60 - 305.93	Age is less than 10
313.89 - 313.9	Age is greater than 17

AGE EDIT TABLE (continued)

<u>ICD-9-CM Diagnosis Code</u>	<u>Record will flag if Age at Admission is...</u>
331.81	Age is greater than 17
335.20	Age is less than 15
366.10 - 366.19	Age is less than 15
374.01	Age is less than 15
374.11	Age is less than 15
379.27	Age is less than 15
414.00 – 414.07	Age is less than 15
414.3	Age is less than 15
429.71 - 429.79	Age is less than 15
437.0	Age is less than 15
440.0 - 440.9	Age is less than 15
454.0 - 454.9	Age is less than 15
457.0	Age is less than 15
500 – 501	Age is less than 15
516.5	Age is less than 15
571.0 - 571.3	Age is less than 15
600.0 - 602.9	Age is less than 15
606.0 - 606.9	Age is less than 15
607.84	Age is less than 15
610.1	Age is less than 15
611.81 – 611.83	Age is less than 15
612.0 – 612.1	Age is less than 15
630. - 676.94	Age is less than 12 or greater than 55
678.00 - 679.14	Age is less than 12 or greater than 55
690.11 - 690.12	Age is greater than 17
728.6	Age is less than 15
747.83	Age is greater than 1
751.1 – 751.2	Age is greater than 17¹
751.61	Age is greater than 17¹
780.91	Age is greater than 1
780.92	Age is greater than 1
783.41 – 783.42	Age is greater than 17
783.7	Age is less than 15
786.31	Age is greater than 17
789.7	Age is greater than 17
790.93	Age is less than 15
792.3	Age is less than 12 or greater than 55
796.5	Age is less than 12 or greater than 55
796.6	Age is greater than 1
798.0	Age is greater than 17
799.81	Age is less than 15
799.82	Age is greater than 17
995.50 - 995.59	Age is greater than 17
995.80 - 995.85	Age is less than 15

¹ CMS removed these from the list of pediatric codes because patients could have revision procedures as adults.

AGE EDIT TABLE (continued)

<u>ICD-9-CM Procedure Code</u>	<u>Record will flag if Age at Admission is...</u>
72.0 – 75.99	Age is less than 12 or greater than 55

<u>ICD-9-CM External Cause Code</u>	<u>Record will flag if Age at Admission is...</u>
E000.1	Age is less than 18
E800.0	Age is less than 14
E801.0	Age is less than 14
E802.0	Age is less than 14
E803.0	Age is less than 14
E804.0	Age is less than 14
E805.0	Age is less than 14
E806.0	Age is less than 14
E807.0	Age is less than 14
E827.2	Age is less than 2
E828.2	Age is less than 2
E830.6	Age is less than 14
E831.6	Age is less than 14
E832.6	Age is less than 14
E833.6	Age is less than 14
E834.6	Age is less than 14
E835.6	Age is less than 14
E836.6	Age is less than 14
E837.6	Age is less than 14
E838.6	Age is less than 14
E840.2	Age is less than 14
E840.8	Age is less than 14
E841.2	Age is less than 14
E841.8	Age is less than 14
E842.8	Age is less than 14
E843.2	Age is less than 14
E843.8	Age is less than 14
E844.2	Age is less than 14
E844.8	Age is less than 14
E845.8	Age is less than 14
E950.0 - E959	Age is less than 2

SEX EDIT TABLE

<u>ICD-9-CM Diagnosis Code</u>	<u>Sex Specific</u>
V07.4	Female
V10.40 - V10.44	Female
V10.45 - V10.49	Male
V12.21	Female
V13.1	Female
V13.21 - V13.29	Female
V13.61	Male
V15.21 - V15.22	Female
V22.0 - V25.01	Female
V25.1 - V25.13	Female
V25.3	Female
V25.41 - V25.43	Female
V25.5	Female
V26.1	Female
V26.34 - V26.35	Male
V26.39	Male
V26.51	Female
V26.52	Male
V27.0 - V28.9	Female
V45.51	Female
V49.81	Female
V50.2	Male
V50.42	Female
V52.4	Female
V59.70 - V59.74	Female
V61.6 - V61.7	Female
V65.11	Female
V67.01	Female
V72.3 - V72.42	Female
V76.11	Female
V76.2	Female
V76.44 - V76.45	Male
V76.46 - V76.47	Female
V84.02	Female
V84.03	Male
V84.04	Female
V88.01 - V88.03	Female
V89.01 - V89.09	Female
V91.00 - V91.99	Female
016.40 - 016.56	Male
016.60 - 016.76	Female
054.11 - 054.12	Female
054.13	Male
072.0	Male
098.12 - 098.14	Male
098.15 - 098.17	Female
098.32 - 098.34	Male
098.35 - 098.37	Female
112.1	Female

SEX EDIT TABLE (continued)

<u>ICD-9-CM Diagnosis Code</u>	<u>Sex Specific</u>
131.01	Female
131.03	Male
174.0 - 174.9	Female
175.0 - 175.9	Male
179. - 184.9	Female
185. - 187.9	Male
198.6	Female
214.4	Male
218.0 - 221.9	Female
222.0 - 222.9	Male
233.1 - 233.39	Female
233.4 - 233.6	Male
236.0 - 236.3	Female
236.4 - 236.6	Male
256.0 - 256.9	Female
257.0 - 257.1	Male
257.9	Male
302.73	Female
302.74 -302.75	Male
302.76	Female
306.51 - 306.52	Female
456.4	Male
456.6	Female
600.0 - 608.9	Male
614.0 - 679.16	Female
716.30 -716.39	Female
752.0 - 752.49	Female
752.51 - 752.69	Male
752.81	Male
758.7	Male
788.32	Male
790.93	Male
792.2	Male
792.3	Female
795.0 - 795.09	Female
795.10 - 795.19	Female
796.5	Female
867.4 - 867.5	Female
878.0 - 878.3	Male
878.4 - 878.7	Female
902.55 - 902.56	Female
902.81 - 902.82	Female
939.1 - 939.2	Female
939.3	Male
947.4	Female
959.13	Male
996.32	Female