

Edit Flag Description Guide

EMERGENCY DEPARTMENT and AMBULATORY SURGERY DATA

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SUMMARY OF CHANGES VERSION 28.2

Effective with encounters on and after January 1, 2020
(January – March 2020 Report Period)

UPDATES

TREND EDIT PROGRAM

NEW!

Page 10

- TW16** Average Total Charges decreased more than 20%
- TW17** Average Total Charges increased more than 20%
- TW18** Race decreased more than 20%
- TW19** Race increased more than 20%
- TW20** Total number of records with multiple races reported decreased more than 20%
- TW21** Total number of records with multiple races reported increased more than 20%
- TW22** Ethnicity decreased more than 20%
- TW23** Ethnicity increased more than 20%
- TW24** Ethnicity-Race decreased more than 20%
- TW25** Ethnicity-Race increased more than 20%

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I INTRODUCTION

There are currently four (4) edit programs applied to Emergency Department and Ambulatory Surgery encounter data. A facility's data are processed through the following 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 EDIT PROGRAMS AT-A-GLANCE

UNDERSTANDING THE 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 • 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 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 edit programs.

- Incorrect File Format
- Non-ASCII character
- Discrepancy in Number of Records submitted
- Blank and Invalid Discharge Dates
- Incorrect Facility ID Number
- 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*, which can be found on the website at <https://oshpd.ca.gov/data-and-reports/submit-data/patient-data/resources>.

<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 583 bytes.
Incorrect File Format	Record length is less than 583 bytes.
Incorrect File Format	No Carriage Control at byte 584.
Incorrect File Format	No Line Feed at byte 585.
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.
Database capacity error	Database error. The number of records in the 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 or Variant Action and trend rules have been turned off.
- 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)
- The four (4) historical report periods have a Modification or Variant Action on the data element that is being “trended” and the associated trend rules have been turned off.

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.
<i>NEW!</i> TW16	Average Total Charges decreased more than 20%
<i>NEW!</i> TW17	Average Total Charges increased more than 20%
<i>NEW!</i> TW18	Race decreased more than 20%
<i>NEW!</i> TW19	Race increased more than 20%
<i>NEW!</i> TW20	Total number of records with multiple races reported decreased more than 20%
<i>NEW!</i> TW21	Total number of records with multiple races reported increased more than 20%
<i>NEW!</i> TW22	Ethnicity decreased more than 20%
<i>NEW!</i> TW23	Ethnicity increased more than 20%
<i>NEW!</i> TW24	Ethnicity-Race decreased more than 20%
<i>NEW!</i> TW25	Ethnicity-Race increased more than 20%

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 the system determine if a data element category failed a Comparative Edit?

- Based on the total records reported, the system 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. 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.
C005	The percentage of records with Ethnicity-Unknown is greater than 10%
C006	All records are reported in one Race category.
C007	The percentage of records with Race-Unknown is greater than 10%
C008	The percentage of records with Partial ZIP Codes is greater than 2%
C009	The percentage of records with Unknown ZIP Code (XXXXX) is greater than 2%.
C010	The percentage of records with Persons Who do not Reside in the U.S. ZIP Code (YYYYY) is greater than 50%
C011	The percentage of records with Homeless ZIP Code (ZZZZZ) is greater than 50%
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 0.5%.
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 R69 (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.

Comparative Edit Flag	Description
C053	The percentage of records with Expected Source of Payment 'MA' (Medicare Part A) is greater than 0.1%.
C054	ED Data only: The percentage of records reported with a Principal Procedure is less than 5%.
C055	AS Data only: One or more records are reported with a blank or invalid Principal Procedure.
C056	All records reported with only one Race

WARNING (NON-CRITICAL) COMPARATIVE EDIT FLAGS AND DESCRIPTIONS

Warning Edit Flag	Description
CW07	Percent of Y92.9 (Unspecified Place of Occurrence) is 50% or more than the total number of Y92's reported. Please review records and correct to a more specific place of occurrence, if the information is available on the medical record.
CW10	ED Data: The number of Unknown SSN's reported is greater than 20%. Excludes records with age less than 1 year old. AS Data: The number of Unknown SSN's reported is greater than 15%. Excludes records with age less than 1 year old.
CW11	ED Data only: All records with Homeless ZIP Code (ZZZZZ) are reported with Diagnosis Code Z59.0 (Homelessness)

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 CRITICAL FLAGS AND DESCRIPTIONS

<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.
S003	Total Charges is reported as \$1 (No Charge) but Expected Source of Payment of not equal to 00 (Other)
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
S054	Age of the patient is greater than 120 years old
S057	ED Data only: Total Charges are Blank on Newborn record. Are the Charges included on the mother's record?
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
S103	Duplicate External Cause Codes reported
S105	Age is illogical with Other Diagnosis Code
S109	Age is illogical with 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
S124	New Patient Disposition Code reported <u>BEFORE</u> the Effective Begin

Critical Standard Edit Flag	Description
S125	Date 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
S139	Total Charges is greater than \$450,000
S142	ED Data only: ZIP Code is illogical with Principal Diagnosis Code
S143	ED Data only: ZIP Code is illogical with Other Diagnosis Code
S144	Duplicate Race Codes reported
S145	The Races reported are an illogical combination

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

Warning (Non-Critical) Standard Edit Flag	Description
SW02	Partial ZIP Code reported
SW05	Principal Diagnosis: HIV test result reported
SW06	Other Diagnosis: HIV test result reported
SW11	Total Charges is less than \$100 or more than \$450,000
SW14	Questionable PLS write-in reported. Please review and verify the Preferred Language Spoken.

AGE AND SEX EDIT TABLES

AGE EDIT TABLE

<u>ICD-10-CM Diagnosis Code</u>	<u>Record will flag if Age at Admission is:</u>
A18.14	Age is less than 15
A33.	Age is greater than 1
A34.	Age is less than 12 or greater than 55
A48.51	Age is greater than 17
B08.20 - B08.22	Age is greater than 17
C58.	Age is less than 12 or greater than 55
C91.50 - C91.52	Age is less than 15
C93.30 - C93.32	Age is greater than 17
D39.2	Age is less than 12 or greater than 55
E28.310	Age is less than 15
E28.319	Age is less than 15
E30.1	Age is greater than 17
E30.8	Age is greater than 17
E84.11	Age is greater than 1
F01.50	Age is less than 15
F01.51	Age is less than 15
F03.90	Age is less than 15
F03.91	Age is less than 15
F53.0	Age is less than 12 or greater than 55
F53.1	Age is less than 12 or greater than 55
F64.2	Age is greater than 17
F69.	Age is less than 15
F84.3	Age is greater than 17
G11.2	Age is less than 15
G12.21	Age is less than 15
G30.1	Age is less than 15
G93.7	Age is greater than 17
H02.031 - H02.039	Age is less than 15
H02.131 - H02.139	Age is less than 15
H04.531 - H04.539	Age is greater than 1
H25.011 - H25.9	Age is less than 15
H26.001 - H26.09	Age is greater than 17
H31.111 - H31.119	Age is less than 15
H35.30 - H35.3293	Age is less than 15
H35.441 - H35.449	Age is less than 15
H43.821 - H43.829	Age is less than 15
I23.0 - I23.3	Age is less than 15
I23.6 - I23.8	Age is less than 15
I25.10 - I25.119	Age is less than 15
I25.700 - I25.739	Age is less than 15
I25.760 - I25.810	Age is less than 15
I25.812	Age is less than 15
I25.83	Age is less than 15
I51.0	Age is less than 15
I67.2	Age is less than 15

AGE EDIT TABLE (continued)

<u>ICD-10-CM Diagnosis Code</u>	<u>Record will flag if Age at Admission is:</u>
I70.0 - I70.92	Age is less than 15
I83.001 - I83.93	Age is less than 15
I86.8	Age is less than 15
I97.2	Age is less than 15
J60.	Age is less than 15
J61.	Age is less than 15
J84.82	Age is less than 15
K31.1	Age is less than 15
K70.0 - K70.9	Age is less than 15
L12.2	Age is greater than 17
L20.83	Age is greater than 17
L21.1	Age is greater than 17
L44.4	Age is greater than 17
L70.4	Age is greater than 17
M06.1	Age is less than 15
M42.10 - M42.19	Age is less than 15
M72.0	Age is less than 15
M80.00XA - M80.08XS	Age is less than 15
M81.0	Age is less than 15
M83.0	Age is less than 12 or greater than 55
M83.1 - M83.3	Age is less than 15
M83.5 - M83.9	Age is less than 15
M93.1	Age is less than 15
N40.0 - N42.1	Age is less than 15
N42.81 - N42.9	Age is less than 15
N46.01 - N46.9	Age is less than 15
N47.0	Age is greater than 1
N52.01 - N52.9	Age is less than 15
N60.11 - N60.19	Age is less than 15
N64.81	Age is less than 15
N64.82	Age is less than 15
N65.0	Age is less than 15
N65.1	Age is less than 15
N92.2	Age is greater than 17
O00.00 - O9A.53	Age is less than 12 or greater than 55
R04.81	Age is greater than 17
R10.83	Age is greater than 17
R41.81	Age is less than 15
R54.	Age is less than 15
R62.0	Age is greater than 17
R62.51	Age is greater than 17
R62.7	Age is less than 15
R68.11 - R68.19	Age is greater than 17
R68.82	Age is less than 15

AGE EDIT TABLE (continued)

<u>ICD-10-CM Diagnosis Code</u>	<u>Record will flag if Age at Admission is:</u>
R97.20	Age is less than 15
R97.21	Age is less than 15
T74.01XA - T74.01XS	Age is less than 15
T74.02XA - T74.02XS	Age is greater than 17
T74.11XA - T74.11XS	Age is less than 15
T74.12XA - T74.12XS	Age is greater than 17
T74.21XA - T74.21XS	Age is less than 15
T74.22XA - T74.22XS	Age is greater than 17
T74.31XA - T74.31XS	Age is less than 15
T74.32XA - T74.32XS	Age is greater than 17
T74.4XXA - T74.4XXS	Age is greater than 17
T74.51XA – T74.51XS	Age is less than 15
T74.52XA – T74.52XS	Age is greater than 17
T74.61XA – T74.61XS	Age is less than 15
T74.62XA – T74.62XS	Age is greater than 17
T74.91XA - T74.91XS	Age is less than 15
T74.92XA - T74.92XS	Age is greater than 17
T76.01XA - T76.01XS	Age is less than 15
T76.02XA - T76.02XS	Age is greater than 17
T76.11XA - T76.11XS	Age is less than 15
T76.12XA - T76.12XS	Age is greater than 17
T76.21XA - T76.21XS	Age is less than 15
T76.22XA - T76.22XS	Age is greater than 17
T76.31XA - T76.31XS	Age is less than 15
T76.32XA - T76.32XS	Age is greater than 17
T76.51XA – T76.51XS	Age is less than 15
T76.52XA – T76.52XS	Age is greater than 17
T76.61XA – T76.61XS	Age is less than 15
T76.62XA – T76.62XS	Age is greater than 17
T76.91XA - T76.91XS	Age is less than 15
T76.92XA - T76.92XS	Age is greater than 17
Z00.00	Age is less than 15
Z00.01	Age is less than 15
Z00.110	Age is greater than 1
Z00.111	Age is greater than 1
Z00.121 - Z00.3	Age is greater than 17
Z00.70	Age is greater than 17
Z00.71	Age is greater than 17
Z03.71 - Z03.79	Age is less than 12 or greater than 55
Z04.41	Age is less than 15
Z04.42	Age is greater than 17
Z04.71	Age is less than 15
Z04.72	Age is greater than 17
Z05.0 – Z05.9	Age is greater than 1
Z31.441	Age is less than 15
Z31.448	Age is less than 15
Z32.01	Age is less than 12 or greater than 55
Z33.1 - Z37.9	Age is less than 12 or greater than 55

AGE EDIT TABLE (continued)

<u>ICD-10-CM Diagnosis Code</u>	<u>Record will flag if Age at Admission is:</u>
Z38.00 - Z38.8	Age is greater than 1
Z39.0 - Z3A.49	Age is less than 12 or greater than 55
Z42.1	Age is less than 15
Z52.810	Age is greater than 34
Z52.811	Age is greater than 34
Z52.812	Age is less than 35
Z52.813	Age is less than 35
Z56.1	Age is less than 15
Z62.21	Age is greater than 17
Z62.3	Age is greater than 17
Z68.1 - Z68.45	Age is less than 15
Z69.010	Age is greater than 17
Z69.020	Age is greater than 17
Z72.810	Age is greater than 17
Z72.811	Age is less than 15
Z73.810 - Z73.819	Age is greater than 17
Z76.2	Age is greater than 17
Z78.0	Age is less than 15
Z86.51	Age is less than 15
Z91.410 - Z91.419	Age is less than 15
Z91.82	Age is less than 15
Z98.52	Age is less than 15
<u>ICD-10-PCS Procedure Code</u>	<u>Record will flag if Age at Admission is...</u>
N/A	N/A
<u>ICD-10-CM External Cause Code</u>	<u>Record will flag if Age at Admission is...</u>
N/A	N/A

SEX EDIT TABLE

<u>ICD-10-CM Diagnosis Code</u>	<u>Sex Specific</u>
A18.14	Male
A18.15	Male
A18.16 - A18.18	Female
A34.	Female
A51.42	Female
A54.02	Female
A54.03	Female
A54.22	Male
A54.23	Male
A54.24	Female
A56.02	Female
A56.11	Female
A59.01	Female
A59.02	Male
A60.01	Male
A60.02	Male
A60.03	Female
A60.04	Female
B26.0	Male
B37.3	Female
B37.42	Male
B38.81	Male
C50.011 - C50.019	Female
C50.021 - C50.029	Male
C50.111 - C50.119	Female
C50.121 - C50.129	Male
C50.211 - C50.219	Female
C50.221 - C50.229	Male
C50.311 - C50.319	Female
C50.321 - C50.329	Male
C50.411 - C50.419	Female
C50.421 - C50.429	Male
C50.511 - C50.519	Female
C50.521 - C50.529	Male
C50.611 - C50.619	Female
C50.621 - C50.629	Male
C50.811 - C50.819	Female
C50.821 - C50.829	Male
C50.911 - C50.919	Female
C50.921 - C50.929	Male
C51.0 - C58.	Female
C60.0 - C63.9	Male
C79.60 - C79.62	Female
D06.0 - D07.39	Female
D07.4 - D07.69	Male
D17.6	Male
D25.0 - D28.9	Female

SEX EDIT TABLE (continued)

<u>ICD-10-CM Diagnosis Code</u>	<u>Sex Specific</u>
D29.0 - D29.9	Male
D39.0 - D39.9	Female
D40.0 - D40.9	Male
E28.0 - E28.9	Female
E29.0 - E29.9	Male
E89.40	Female
E89.41	Female
E89.5	Male
F32.81	Female
F52.21	Male
F52.22	Female
F52.31	Female
F52.32	Male
F52.4	Male
F52.5	Female
F53.0	Female
F53.1	Female
G43.821 - G43.839	Female
I86.1	Male
I86.3	Female
L29.1	Male
L29.2	Female
M83.0	Female
N35.010 - N35.016	Male
N35.021	Female
N35.028	Female
N35.111 - N35.119	Male
N35.12	Female
N35.11 – N35.819	Male
N35.82	Female
N35.911 – N35.919	Male
N35.92	Female
N40.0 - N53.9	Male
N70.01 - N98.9	Female
N99.110 – N99.116	Male
N99.12	Female
N99.2	Female
N99.3	Female
N99.83	Female
N99.85	Female
O00.00 - O9A.53	Female
P54.6	Female
P83.5	Male
Q50.01 - Q52.9	Female
Q53.00 - Q55.9	Male
Q56.1	Male
Q56.2	Female
Q96.0 - Q97.9	Female
Q98.0 - Q98.4	Male

SEX EDIT TABLE (continued)

<u>ICD-10-CM Diagnosis Code</u>	<u>Sex Specific</u>
Q98.6 - Q98.9	Male
R36.1	Male
R39.83	Male
R39.84	Male
R86.0 - R86.9	Male
R87.0 - R87.9	Female
R93.811 – R93.819	Male
R97.20	Male
R97.21	Male
S30.201A - S30.201S	Male
S30.202A - S30.202S	Female
S30.21XA - S30.22XS	Male
S30.23XA - S30.23XS	Female
S30.812A - S30.813S	Male
S30.814A - S30.814S	Female
S30.815A - S30.815S	Male
S30.816A - S30.816S	Female
S30.822A - S30.823S	Male
S30.824A - S30.824S	Female
S30.825A - S30.825S	Male
S30.826A - S30.826S	Female
S30.842A - S30.843S	Male
S30.844A - S30.844S	Female
S30.845A - S30.845S	Male
S30.846A - S30.846S	Female
S30.852A - S30.853S	Male
S30.854A - S30.854S	Female
S30.855A - S30.855S	Male
S30.856A - S30.856S	Female
S30.862A - S30.863S	Male
S30.864A - S30.864S	Female
S30.865A - S30.865S	Male
S30.866A - S30.866S	Female
S30.872A - S30.873S	Male
S30.874A - S30.874S	Female
S30.875A - S30.875S	Male
S30.876A - S30.876S	Female
S30.93XA - S30.94XS	Male
S30.95XA - S30.95XS	Female
S30.96XA - S30.96XS	Male
S30.97XA - S30.97XS	Female
S31.20XA - S31.35XS	Male
S31.40XA - S31.45XS	Female
S31.501A - S31.501S	Male
S31.502A - S31.502S	Female
S31.511A - S31.511S	Male
S31.512A - S31.512S	Female
S31.521A - S31.521S	Male
S31.522A - S31.522S	Female

SEX EDIT TABLE (continued)

<u>ICD-10-CM Diagnosis Code</u>	<u>Sex Specific</u>
S31.531A - S31.531S	Male
S31.532A - S31.532S	Female
S31.541A - S31.541S	Male
S31.542A - S31.542S	Female
S31.551A - S31.551S	Male
S31.552A - S31.552S	Female
S35.531A - S35.536S	Female
S37.401A - S37.69XS	Female
S37.822A - S37.829S	Male
S38.001A - S38.001S	Male
S38.002A - S38.002S	Female
S38.01XA - S38.02XS	Male
S38.03XA - S38.03XS	Female
S38.211A - S38.212S	Female
S38.221A - S38.232S	Male
S39.840A - S39.840S	Male
T19.2XXA - T19.3XXS	Female
T19.4XXA - T19.4XXS	Male
T21.06XA - T21.06XS	Male
T21.07XA - T21.07XS	Female
T21.16XA - T21.16XS	Male
T21.17XA - T21.17XS	Female
T21.26XA - T21.26XS	Male
T21.27XA - T21.27XS	Female
T21.36XA - T21.36XS	Male
T21.37XA - T21.37XS	Female
T21.46XA - T21.46XS	Male
T21.47XA - T21.47XS	Female
T21.56XA - T21.56XS	Male
T21.57XA - T21.57XS	Female
T21.66XA - T21.66XS	Male
T21.67XA - T21.67XS	Female
T21.76XA - T21.76XS	Male
T21.77XA - T21.77XS	Female
T83.31XA - T83.39XS	Female
T83.410A - T83.410S	Male
T83.420A - T83.420S	Male
T83.490A - T83.490S	Male
T83.711A - T83.711S	Female
T83.721A - T83.721S	Female
Z01.411 - Z01.42	Female
Z03.71 - Z03.79	Female
Z12.4	Female
Z12.5	Male
Z12.71	Male
Z12.72	Female
Z12.73	Female
Z13.32	Female
Z15.02	Female

SEX EDIT TABLE (continued)

<u>ICD-10-CM Diagnosis Code</u>	<u>Sex Specific</u>
Z15.03	Male
Z15.04	Female
Z30.011 - Z30.015	Female
Z30.018	Female
Z30.019	Female
Z30.41 - Z30.49	Female
Z31.430	Female
Z31.438	Female
Z31.440 - Z31.448	Male
Z31.7 - Z31.83	Female
Z32.00 - Z32.02	Female
Z33.1 - Z37.9	Female
Z39.0 - Z3A.49	Female
Z40.02	Female
Z40.03	Female
Z41.2	Male
Z44.30 - Z44.32	Female
Z45.811 - Z45.819	Female
Z52.810 - Z52.819	Female
Z64.0	Female
Z64.1	Female
Z78.0	Female
Z85.40 - Z85.44	Female
Z85.45 - Z85.49	Male
Z86.001	Female
Z86.32	Female
Z87.410 - Z87.42	Female
Z87.430	Male
Z87.438	Male
Z87.51	Female
Z87.59	Female
Z87.710	Male
Z90.710 - Z90.722	Female
Z97.5	Female
Z98.51	Female
Z98.52	Male
Z98.870	Female
Z98.891	Female

<u>ICD-10-PCS Procedure Code</u>	<u>Sex Specific</u>
04LE0CT	Female
04LE0DT	Female
04LE0ZT	Female
04LE3CT	Female
04LE3DT	Female
04LE3ZT	Female
04LE4CT	Female
04LE4DT	Female

SEX EDIT TABLE (continued)

<u>ICD-10- PCS Procedure Code</u>	<u>Sex Specific</u>
04LE4ZT	Female
04LF0CU	Female
04LF0DU	Female
04LF0ZU	Female
04LF3CU	Female
04LF3DU	Female
04LF3ZU	Female
04LF4CU	Female
04LF4DU	Female
04LF4ZU	Female
0DXE0Z7	Female
0DXE4Z7	Female
0U15075 - 0UY90Z2	Female
0V1N07J - 0VWSXKZ	Male
0W0M07Z - 0W0M4ZZ	Male
0W0N07Z - 0W0N4ZZ	Female
0W2MX0Z	Male
0W2MXYZ	Male
0W2NX0Z	Female
0W2NXYZ	Female
0W3M0ZZ - 0W3M4ZZ	Male
0W3N0ZZ - 0W3N4ZZ	Female
0W4M070 - 0W4M0K0	Male
0W4N071 - 0W8NXZZ	Female
0W9M00Z - 0W9M4ZZ	Male
0W9N00Z - 0W9N40Z	Female
0W9N4ZZ	Female
0WBM0ZX - 0WBMXZZ	Male
0WBN0ZX - 0WBNXZZ	Female
0WHN03Z	Female
0WHN0YZ	Female
0WHN33Z	Female
0WHN3YZ	Female
0WHN43Z	Female
0WHN4YZ	Female
0WJM0ZZ - 0WJMXZZ	Male
0WJN0ZZ - 0WJNXZZ	Female
0WMM0ZZ	Male
0WMN0ZZ	Female
0WPM00Z - 0WPMXYZ	Male
0WPN00Z - 0WPNXYZ	Female
0WQM0ZZ - 0WQMXZZ	Male
0WQN0ZZ - 0WQNXZZ	Female
0WUM07Z - 0WUM4KZ	Male
0WUN07Z - 0WUN4KZ	Female
0WWW00Z - 0WWWXYZ	Male
0WWN00Z - 0WWNXYZ	Female
102073Z - 10Y07ZY	Female
2Y04X5Z	Female

SEX EDIT TABLE (continued)

<u>ICD-10- PCS Procedure Code</u>	<u>Sex Specific</u>
2Y44X5Z	Female
2Y54X5Z	Female
30273H1 - 30277W1	Female
3E0E304 - 3E0E8TZ	Female
3E0N304 - 3E0N8TZ	Male
3E0P05Z - 3E0P8TZ	Female
3E1N38X - 3E1N88Z	Male
3E1P38X - 3E1P88Z	Female
4A0H74Z - 4A0JXBZ	Female
4A1H74Z - 4A1JXBZ	Female
8E0HX62	Female
8E0UXY7	Female
8E0VX1C	Male
8E0VX63	Male
BU000ZZ - BU4CZZZ	Female
BV000ZZ - BV4BZZZ	Male
BY30Y0Z - BY33ZZZ	Female
BY34YZZ - BY4GZZZ	Female
CV191ZZ - CV1YYZZ	Male
DU000ZZ - DUJ2FZZ	Female
DV000ZZ - DVY1FZZ	Male

<u>ICD-10-CM External Cause Code</u>	<u>Sex Specific</u>
Y76.0 - Y76.8	Female