



RESOURCE AND PATIENT MANAGEMENT SYSTEM

# **ICD-10 Update**

(AUM)

## **Installation Guide and Release Notes**

Version 19.0  
September 2018

Office of Information Technology  
Division of Information Technology

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## Preface

This manual contains the installation guide for the Indian Health Service (IHS) International Classification of Diseases, 10th Revision, Clinical Modification and Procedure Coding System (ICD-10-CM/PCS), version 19.0.

## 1.0 Release Notes

This package will load new, modified, and invalid ICD-10 code updates for fiscal year 2019 for both diagnosis and operation/procedures codes. This update will ensure users have access to current codes for accurate and compliant visit information, claims reimbursement, and reporting.

### 1.1 Description of Changes

The 2019 ICD-10-CM files below contain information on the ICD-10-CM updates for FY 2019. These 2019 ICD-10-CM codes are to be used for discharges occurring from October 1, 2018 through September 30, 2019 and for patient encounters occurring from October 1, 2018 through September 30, 2019.

The 2019 ICD-10 Procedure Coding System (ICD-10-PCS) files below contain information on the ICD-10-PCS updates for FY 2019. These 2019 ICD-10-PCS codes are to be used for discharges occurring from October 1, 2018 through September 30, 2019.

As of AUM v18.0, the POA EXEMPT field (#1.9) is updated with data from the Centers for Medicare & Medicaid Services (CMS) for future integration.

As of FY 2019, CMS has removed the designation of codes when the primary diagnosis is its own Complications and Comorbidities (CC) or Major Complications and Comorbidities (MCC).

- 2019 ICD-10-CM and PCS:
  - 2019 ICD-10-CM  
(<https://www.cms.gov/Medicare/Coding/ICD10/2019-ICD-10-CM.html>)
  - 2019 ICD-10 PCS  
(<https://www.cms.gov/Medicare/Coding/ICD10/2019-ICD-10-PCS.html>)
  - ICD-10-CM/PCS MS-DRG v36  
([https://www.cms.gov/ICD10Manual/version36-fullcode-cms/fullcode\\_cms/P0001.html](https://www.cms.gov/ICD10Manual/version36-fullcode-cms/fullcode_cms/P0001.html))
  - Definitions of Medicare Code Edits v36
- ICD DIAGNOSIS File (#80):
  - .01 CODE NUMBER
  - 1.1 CODING SYSTEM
  - 1.3 UNACCEPTABLE AS PRINCIPAL DX
  - 1.9 POA EXEMPT
  - 10 SEX (Multiple-80.04)
    - .01 SEX EFFECTIVE DATE

- 1 SEX
- 11 AGE LOW (Multiple-80.011)
  - .01 AGE LOW EFFECTIVE DATE
  - 1 AGE LOW
- 12 AGE HIGH (Multiple-80.012)
  - .01 AGE HIGH EFFECTIVE DATE
  - 1 AGE HIGH
- 66 STATUS (Multiple-80.066)
  - .01 STATUS EFFECTIVE DATE
  - .02 STATUS
- 67 DIAGNOSIS (Multiple-80.067)
  - .01 DIAGNOSIS EFFECTIVE DATE
  - 1 DIAGNOSIS
- 68 DESCRIPTION (Multiple-80.068)
  - .01 DESCRIPTION EFFECTIVE DATE
  - 1 DESCRIPTION
- 71 DRG GROUPER (Multiple-80.071)
  - .01 DRG GROUPER EFFECTIVE DATE
  - 1 DRG (Multiple-80.711)
    - .01 DRG
- 72 MAJOR DIAGNOSTIC CATEGORY (Multiple-80.072)
  - .01 MDC EFFECTIVE DATE
  - 1 MDC
- 103 COMPLICATION/COMORBIDITY (Multiple-80.0103)
  - .01 CC EFFECTIVE DATE
  - 1 COMPLICATION/COMORBIDITY
  - 2 PRIMARY
- ICD OPERATION/PROCEDURE File (#80.1):
  - .01 CODE NUMBER
  - 1.1 CODING SYSTEM
  - 10 SEX (Multiple-80.11)
    - .01 SEX EFFECTIVE DATE

- 1 SEX
- 66 STATUS (Multiple-80.166)
  - .01 STATUS EFFECTIVE DATE
  - .02 STATUS
- 67 OPERATION/PROCEDURE (Multiple-80.167),
  - .01 OPER/PROCEDURE EFFECTIVE DATE
  - 1 OPERATION/PROCEDURE
- 68 DESCRIPTION (Multiple-80.168)
  - .01 DESCRIPTION EFFECTIVE DATE
  - 1 DESCRIPTION
- 71 DRG GROUPER (Multiple-80.171)
  - .01 DRG GROUPER EFFECTIVE DATE
  - 1 MAJOR DIAGNOSTIC CATEGORIES (Multiple-80.1711)
    - .01 MAJOR DIAGNOSTIC CATEGORY
    - 1 DRG (Multiple-80.17111)
      - .01 DRG

## 2.0 Installation Notes

**Prefix:** AUM

**Current Version:** 19.0

### 2.1 Contents of Distribution

File	Description
aum_1900.k	KIDS file to run the loading of the ICD10 code updates
aum_190i.pdf	Installation Guide and Release Notes (This document)

### 2.2 Required Resources

- AICD v4.0
- AUM v18.0 or higher

## 3.0 Installation Instructions

In all User Class Identifications (UCIs) requiring ICD 2019 updates and in all databases running at least AUM v 18.0:

1. Use the utility **D ^%GOGEN** to save the following Globals:
  - ^ICD9 – ICD Diagnosis codes
  - ^ICD0 – ICD Operation/Procedure codes
2. This release should be installed during off-peak hours.
3. Load the Distribution into KIDS using option **1** on the Installation menu. The distribution was released in a file named aum\_1900.k.
4. Verify the load using option **2** on the Installation menu.
5. Consider using options **3** and **4** to print and compare the Transport.
6. Install the distribution using option **6** on the Installation menu. Consider using an un-tied terminal if answering YES to the Inhibit Logons and Disabling Scheduled Options prompts.
7. For results, use the KIDS **Install File Print** option to view and print the **AUM 19.0** entry.



## 4.0 Sample Installations

The following subsection shows a sample installation. Screens may not be exactly the same during installation.

### 4.1 Sample Cache Install

```
D ^XUP

Setting up programmer environment
This is a PRODUCTION account.

Terminal Type set to: C-VT100

Select OPTION NAME: XPD MAIN          Kernel Installation & Distribution
System

        Edits and Distribution ...
        Utilities ...
        Installation ...
        Patch Monitor Main Menu ...

Select Kernel Installation & Distribution System Option: INstallation

1      Load a Distribution
2      Verify Checksums in Transport Global
3      Print Transport Global
4      Compare Transport Global to Current System
5      Backup a Transport Global
6      Install Package(s)
        Restart Install of Package(s)
        Unload a Distribution

Select Installation Option: 1  Load a Distribution
Enter a Host File: C:\Patches\AUM 19.0\aum_1900.k

KIDS Distribution saved on Sep 04, 2018@17:33:11
Comment: ICD10 FY2019 - 09/04/2018

This Distribution contains Transport Globals for the following Package(s):
  AUM 19.0
Distribution OK!

Want to Continue with Load? YES//
Loading Distribution...

Build AUM 19.0 has an Environmental Check Routine
Want to RUN the Environment Check Routine? YES//
  AUM 19.0
Will first run the Environment Check Routine, AUMI10

        Hello, SYSTEM MANAGER

        Checking Environment for ICD UPDATE V 19.0.
```

```
Need at least AICD v4.0.....AICD v4.0 Present
Need at least AUM v18.0.....AUM v18.0 Present

ENVIRONMENT OK.

Enter RETURN to continue or '^' to exit:
Use INSTALL NAME: AUM 19.0 to install this Distribution.

1      Load a Distribution
2      Verify Checksums in Transport Global
3      Print Transport Global
4      Compare Transport Global to Current System
5      Backup a Transport Global
6      Install Package(s)
       Restart Install of Package(s)
       Unload a Distribution

Select Installation Option: 6  Install Package(s)
Select INSTALL NAME:      AUM 19.0      Loaded from Distribution
9/4/18@17:36:07
    => ICD10 FY2019 - 09/04/2018 ;Created on Sep 04, 2018@17:33:11

This Distribution was loaded on Sep 04, 2018@17:36:07 with header of
ICD10 FY2019 - 09/04/2018 ;Created on Sep 04, 2018@17:33:11
It consisted of the following Install(s):
    AUM 19.0
Checking Install for Package AUM 19.0
Will first run the Environment Check Routine, AUMI10

Hello, SYSTEM MANAGER

Checking Environment for ICD UPDATE V 19.0.

Need at least AICD v4.0.....AICD v4.0 Present
Need at least AUM v18.0.....AUM v18.0 Present

ENVIRONMENT OK.

Enter RETURN to continue or '^' to exit:

Install Questions for AUM 19.0

Incoming Files:

    9003103  AUM DATA (including data)
Note:  You already have the 'AUM DATA' File.
I will OVERWRITE your data with mine.

Want KIDS to INHIBIT LOGONs during the install? YES// NO

Enter the Device you want to print the Install messages.
You can queue the install by enter a 'Q' at the device prompt.
Enter a '^' to abort the install.

DEVICE: HOME//  Virtual
```

```

Install Started for AUM 19.0 :
      Sep 04, 2018@17:36:20

Build Distribution Date: Sep 04, 2018

Installing Routines
      Sep 04, 2018@17:36:20

Running Pre-Install Routine: PRE^AUMI10

Installing Data Dictionaries:
      Sep 04, 2018@17:36:20

Installing Data:
      Sep 04, 2018@17:37:02

Running Post-Install Routine: POST^AUMI10
-----

ICD10 DIAGNOSIS FILE
      CODE      STA SHORT LONG SEX MDC CC  OWN LOW HIGH DRG PDX POA
      ===      ==  =====  ====  ===  ===  ==  ===  ==  =====  ===  ===  ===

NEW.....279
MODIFIED.....2899
  AGE-H.....14
  AGE-L.....14
  CC.....4
  DRG.....2446
  LONG.....110
  MDC.....19
  OWN.....334
  PDX.....1
  POA.....2
  SEX.....3
  SHORT.....111
INACTIVE.....213
UNMODIFIED.....91056
TOTAL.....94447
-----

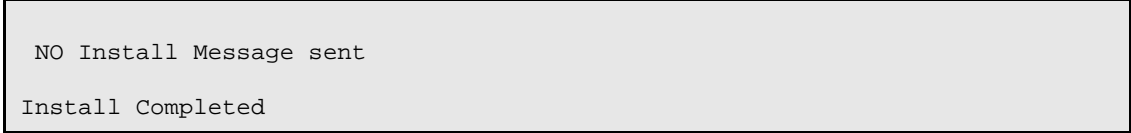
ICD10 OPERATION/PROCEDURE FILE
      CODE      STA SHORT LONG SEX MS-DRG
      ===      ==  =====  ====  ===  =====

NEW.....392
MODIFIED.....5685
  DRG.....5679
  LONG.....8
  SHORT.....8
INACTIVE.....216
UNMODIFIED.....73681
TOTAL.....79974
-----

Updating Routine file...

Updating KIDS files...

AUM 19.0 Installed.
      Sep 04, 2018@17:39:33
    
```



```
NO Install Message sent
Install Completed
```

Figure 4-1: Sample install

## Acronym List

<b>Acronym</b>	<b>Term Meaning</b>
<b>CC</b>	Complications and Comorbidities
<b>CMS</b>	Centers for Medicare & Medicaid
<b>ICD-10-CM/PCS</b>	International Classification of Diseases, 10th Revision, Clinical Modification and Procedure Coding System
<b>IHS</b>	Indian Health Service
<b>MCC</b>	Major Complications and Comorbidities
<b>RPMS</b>	Resource and Patient Management System
<b>UCI</b>	User Class Identifications

## Contact Information

If you have any questions or comments regarding this distribution, please contact the OIT Help Desk (IHS).

**Phone:** (888) 830-7280 (toll free)

**Web:** <http://www.ihs.gov/helpdesk/>

**Email:** [support@ihs.gov](mailto:support@ihs.gov)