



# CMS ICD-10 Conversion Activities National Provider Teleconference - Including a Lab Case Study

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- October 1, 2013 – Compliance date for implementation of ICD-10-CM (diagnoses) and ICD-10-PCS (procedures)

- ICD-10-CM (diagnoses) will be used by all providers in every health care setting
- ICD-10-PCS (procedures) will be used only for hospital claims for inpatient hospital procedures
- ICD-10-PCS will not be used on physician claims, even those for inpatient visits

- No impact on Current Procedural Terminology (CPT) and Healthcare Common Procedure Coding System (HCPCS) codes
- CPT and HCPCS will continue to be used for physician and ambulatory services including physician visits to inpatients

- Single implementation date of October 1, 2013 for all users
- Date of service for ambulatory and physician reporting
  - Ambulatory and physician services provided on or after 10-1-2013 will use ICD-10-CM diagnosis codes
- Date of discharge for hospital claims for inpatient settings
  - Inpatient discharges occurring on or after 10-1-2013 will use ICD-10-CM and ICD-10-PCS codes

- ICD-9-CM codes will not be accepted for services provided on or after October 1, 2013
- ICD-10 codes will not be accepted for services prior to October 1, 2013

ICD-9 Notice: The International Classification of Diseases, 9th Edition, Clinical Modification (ICD-9-CM) is published by the United States Government. A CD-ROM, which may be purchased through the Government Printing Office, is the only official Federal government version of the ICD-9-CM. ICD-9-CM is an official Health Insurance Portability and Accountability Act standard.

- ICD-10 codes are different from ICD-9-CM codes
  - They provide greater detail in describing diagnoses and procedures
  - There are more ICD-10 codes than ICD-9-CM codes
- ICD-10 codes are longer and use more alpha characters
- System changes required to accommodate ICD-10 codes



# Complete Versions of ICD-10-CM & ICD-10-PCS

- Annual updates of each system are posted on the ICD-10 website at <http://www.cms.gov/ICD10>
- Maintenance and updates of ICD-9-CM and ICD-10 are discussed at the ICD-9-CM Coordination and Maintenance (C&M) Committee meeting [http://www.cms.gov/ICD9ProviderDiagnosticCodes/03\\_meetings.asp](http://www.cms.gov/ICD9ProviderDiagnosticCodes/03_meetings.asp)

- General Equivalence Mappings (GEMs) assist in converting data from ICD-9-CM to ICD-10
- Forward and backward mappings
  - Information on GEMs and their use – <http://www.cms.gov/ICD10> (click on ICD-10-CM or ICD-10-PCS to find most recent GEMs)
  - Description of MS-DRG Conversion Project [http://www.cms.gov/ICD10/17\\_ICD10\\_MS\\_DRG\\_Conversion\\_Project.asp](http://www.cms.gov/ICD10/17_ICD10_MS_DRG_Conversion_Project.asp)

- GEMs are not a substitute for learning how to code with ICD-10
- For some small conversion projects it may well be quicker and more accurate to use ICD-10 code books instead of GEMs

- Annual ICD-9-CM and ICD-10 code updates make transition planning difficult
- Vendors, system maintainers, payers, and educators requested a code freeze

# Partial Code Freeze

- Last regular, annual updates to both ICD-9-CM and ICD-10 will be made on October 1, 2011
- On October 1, 2012 there will be only limited code updates to both ICD-9-CM & ICD-10 code sets to capture new technology and new diseases
- On October 1, 2013 there will be only limited code updates to ICD-10 code sets to capture new technology and new diseases

- There will be no updates to ICD-9-CM on October 1, 2013 as the system will no longer be a HIPAA standard
- On October 1, 2014 regular updates to ICD-10 will begin

- Information on meetings

[http://www.cms.gov/ICD9ProviderDiagnosticCodes/03\\_meetings.asp](http://www.cms.gov/ICD9ProviderDiagnosticCodes/03_meetings.asp)

- ICD-10 General Information  
<http://www.cms.gov/ICD10>
- MS-DRG Conversion Report  
[http://www.cms.gov/ICD10/17\\_ICD10\\_MS\\_DRG\\_Conversion\\_Project.asp](http://www.cms.gov/ICD10/17_ICD10_MS_DRG_Conversion_Project.asp)
- Central Version 5010 and D.0 web page on the CMS website <http://www.cms.gov/Versions5010andD0>



- The CMS ICD-10 website <http://www.cms.gov/icd10> provides the latest ICD-10 information and links to resources for providers to prepare for ICD-10 implementation in a 5010 environment
- The CMS Sponsored ICD-10 Teleconferences web page at <http://www.cms.gov/ICD10/Tel10/> provides information on upcoming and previous CMS national provider ICD-10 teleconferences , including registration, presentation materials, written transcripts and audio recordings

- Medicare Fee-for-Service Provider Resources  
[http://www.cms.gov/ICD10/06\\_MedicareFeeforServiceProviderResources.asp](http://www.cms.gov/ICD10/06_MedicareFeeforServiceProviderResources.asp) and
- Provider Resources (for all providers)  
[http://www.cms.gov/ICD10/05a\\_ProviderResources.asp](http://www.cms.gov/ICD10/05a_ProviderResources.asp) web pages provide links to a variety of related educational resources and information

- The following organizations offer providers and others ICD-10 resources
  - WEDI (Workgroup for Electronic Data Interchange)  
<http://www.wedi.org>
  - HIMSS (Health Information and Management Systems Society)  
<http://www.himss.org/icd10>

ICD-9-CM → ICD-10-CM

An Example: Translating the Lab NCDs

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Coverage and Analysis Group

Office of Clinical Standards and Quality



# The Lab National Coverage Determinations (NCD)

- 190.12 Urine Culture, Bacterial
- 190.13 Human Immunodeficiency Virus (HIV) Testing (Prognosis Including Monitoring)
- 190.14 Human Immunodeficiency Virus (HIV) Testing (Diagnosis)
- 190.15 Blood Counts
- 190.16 Partial Thromboplastin Time (PTT)
- 190.17 Prothrombin Time (PT)
- 190.18 Serum Iron Studies
- 190.19 Collagen Crosslinks, Any Method
- 190.20 Blood Glucose Testing
- 190.21 Glycated Hemoglobin/Glycated Protein
- 190.22 Thyroid Testing
- 190.23 Lipids Testing
- 190.24 Digoxin Therapeutic Drug Assay
- 190.25 Alpha-fetoprotein
- 190.26 Carcinoembryonic Antigen
- 190.27 Human Chorionic Gonadotropin
- 190.28 Tumor Antigen by Immunoassay CA 125
- 190.29 Tumor Antigen by Immunoassay CA 15-3/CA 27.29
- 190.30 Tumor Antigen by Immunoassay CA 19-9
- 190.31 Prostate Specific Antigen
- 190.32 Gamma Glutamyl Transferase
- 190.33 Hepatitis Panel/Acute Hepatitis Panel
- 190.34 Fecal Occult Blood Test

## 190.25 - Alpha-fetoprotein

Previously Listed as Edit 14

Other Names/Abbreviations

AFP

### Description

Alpha-fetoprotein (AFP) is a polysaccharide found in some carcinomas. It is effective as a biochemical marker for monitoring the response of certain malignancies to therapy.

HCPCS Codes (Alphanumeric, CPT® AMA)

Code	Description
82105	Alpha-fetoprotein; serum

### ICD-9-CM Codes Covered by Medicare Program

The individual ICD-9-CM codes included in code ranges in the table below can be viewed on CMS' website under Downloads: Lab Code List. The link is: <http://www.cms.hhs.gov/CoverageGenInfo>

Code	Description
070.22-070.23	Chronic viral hepatitis B with hepatic coma, with or without mention of hepatitis delta
070.32-070.33	Chronic viral hepatitis B without mention of hepatic coma, with or without mention of hepatitis delta
070.44	Chronic hepatitis C with hepatic coma
070.54	Chronic hepatitis C without mention of hepatic coma
095.3	Syphilis of liver
121.1	Clonorchiasis
121.3	Fascioliasis
155.0-155.2	Malignant neoplasm of the liver and intrahepatic bile ducts
164.2-164.9	Malignant neoplasm of the mediastinum
183.0	Malignant neoplasm, ovary

ICD-9-CM codes &  
descriptors  
Covered for AFP test

# The Challenges

- What? For each Lab NCD, translate the included ICD-9-CM codes and descriptions to ICD-10-CM versions. Update with changes to ICD-9-CM or ICD-10-CM codes and descriptions adopted prior to implementation.
- When? (A) Prepare preliminary versions of ICD-10-CM translations of Lab NCDs by end of January 2011 (for use in testing system functions); (B) Prepare ICD-10-CM versions for full ICD-10-CM implementation in 2013.

## Objectives and Goal:

- Translate all ICD-9-CM codes and descriptors in each Lab NCD's table of covered codes to the ICD-10-CM equivalents.
  - Translate any other ICD-9-CM codes that may appear in other areas of the Lab NCD Manual.
- Provide these translated tables to the contractor, so that the tables can be incorporated into the appropriate documents and shared systems files.
- (Goal) Allow consistent and 'seamless' transition of claims for providers of laboratory test services.



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164.2-164.9	Malignant neoplasm of the mediastinum
183.0	Malignant neoplasm, ovary

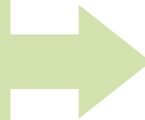
### Start Here:

Each Lab NCD includes a table listing all ICD-9-CM codes & descriptors for the test (here for AFP).

# How to Translate ICD-9-CM → ICD-10-CM:

*Finding the right code*

Take an ICD-9-CM code:



And find its ICD-10-CM  
equivalent code(s):

**Example:**

**121.3, “Fascioliasis” → ?**

# General Equivalence Mappings Connect Codes

ICD-9-CM Code	ICD-10-CM Code	Flags
12020	B652	00000
12030	B653	00000
12080	B658	00000
12090	B659	00000
12100	B660	00000
12110	B661	00000
12120	B664	00000
12130	B663	00000
12140	B665	00000
12150	B668	10000
12160	B668	10000
12180	B662	10000

# General Equivalence Mappings (GEMs)

ICD-9-CM Code	ICD-10-CM Code	Flags
<b>121.3</b> (12130)	<b>B66.3</b> (B663)	00000

Finding the right code

ICD-10-CM	ICD-10-CM Descriptor
B659	Schistosomiasis, unspecified
B660	Opisthorchiasis
B661	Clonorchiasis
B662	Dicrocoeliasis
B663	Fascioliasis
B664	Paragonimiasis
B665	Fasciolopsiasis

Checking: Is this the right descriptor?

# Translating ICD-9-CM → ICD-10-CM

*Final Step: Check that Descriptors are Consistent*

Does the ICD-9-CM descriptor ...



... match the ICD-10-CM descriptor?

**Example:**

**121.3, “Fascioliasis” → B66.3, “Fascioliasis”**

# Flags define I-9 -> I-10 Relationships

- One-to-One
  - One ICD-10-CM code for a given ICD-9-CM code
  - Example: [B66.3, “Fascioliasis”] ↔ [121.3, “Fascioliasis”]
  - Flags: “00000” (means: translation is not approximate)
- Many-to-One
  - Multiple ICD-9-CM codes for a given ICD-10-CM code.
  - Flags: “10000” (means: translation is approximate)
- One-to-Many
  - One ICD-9-CM code with multiple ICD-10-CM codes.
  - Flags: “10000” (means: translation is approximate)

## Examples of One to Many GEM Links

- One-to-Many: for one ICD-9-CM code 017.30, “Tuberculosis of eye” there are six linked ICD-10-CM codes:
  - A18.50, “Tuberculosis of eye, unspecified”
  - A18.51, “Tuberculosis episcleritis”
  - A18.52, “Tuberculosis keratitis”
  - A18.53, “Tuberculosis chorioretinitis”
  - A18.54, “Tuberculosis iridocyclitis”
  - A18.59, “Other tuberculosis of the eye”



- Many-to-One: An example: for the 21 ICD-9-CM codes describing tuberculosis (TB) of the lung in various stages, such as:
  - 011.20, “TB of lung with cavitation, unspecified”,

there is one linked ICD-10-CM code:

- A15.0, “TB of lung”

# Translator's Choice

- Picking the most appropriate match(es) from the multiple alternative ICD-10-CM codes suggested by GEM-based translation may be challenging.
- Sometimes, it helps to review the descriptors for some of these alternative ICD-10-CM codes to pick the appropriate one(s) for a given Lab NCD.
- While trying to avoid 'code explosion', we have tended to include any potential ICD-10-CM code(s) suggested by a GEM-based translation if clinically appropriate.
  - While conceding that some judgment must be used in this selection process, we want to avoid using the ICD-9-CM → ICD-10-CM translation process to bypass the normal process for updating Lab NCDs.

## Extending Translation to Each Lab NCD ...

- 1. List all currently covered ICD-9-CM codes** for that Lab NCD. Ensure that list is complete. (Example 1)
- 2. Use most current publicly available General Equivalence Mapping (GEM) files** for both forward and back translation of each covered ICD-9-CM code. (Example 2) Merge and de-duplicate forward and back translated versions.
- 3. Compare each proposed ICD-9-CM and ICD-10-CM translation** (incl. descriptors) for consistency. (Example 3)
- 4. List all unique ICD-10-CM codes** for that Lab NCD. (Example 4) in ICD-10-CM order.

# Example 1: Listing of ICD-9-CM codes

(for Lab NCD 190.13)

ICD-9	ICD-9 Description
04200	Human immunodeficiency virus (HIV) disease
07953	Human immunodeficiency virus, type 2 [HIV-2]
64760	Other viral diseases of mother, complicating pregnancy, childbirth, or the puerperium, unspecified as to episode of care
64761	Other viral diseases of mother, with delivery
64762	Other viral diseases of mother, with delivery, with mention of postpartum complication
64763	Other antepartum viral diseases
64764	Other postpartum viral diseases
79571	Nonspecific serologic evidence of human immunodeficiency virus (HIV)
V0800	Asymptomatic human immunodeficiency virus (HIV) infection status

# Example 2: Check for completeness

## 190.13 - Human Immunodeficiency Virus (HIV) Testing (Prognosis Including Monitoring)

*Previously Listed as Edit 2*

*Other Names/Abbreviations*

HIV-1 or HIV-2 quantification or viral load

*ICD-9-CM Codes Covered by Medicare Program*

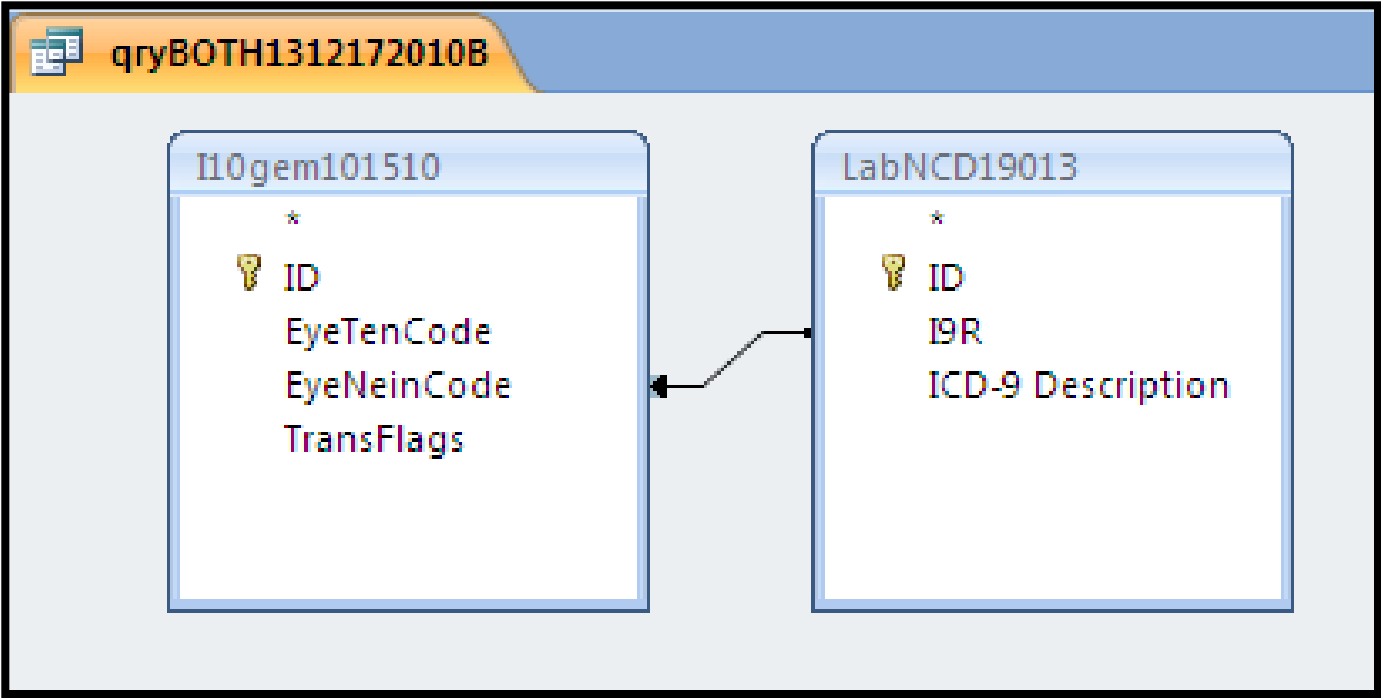
The individual ICD-9-CM codes included in code ranges in the table below can be viewed on CMS' website under Downloads: Lab Code List. The link is: <http://www.cms.hhs.gov/CoverageGenInfo>

Code	Description
042	Human immunodeficiency virus [HIV] disease
079.53	Human immunodeficiency virus, type 2 [HIV-2]
647.60-647.64	Other viral diseases complicating pregnancy (including HIV-I and II)
795.71	Nonspecific serologic evidence of human immunodeficiency virus [HIV]
V08	Asymptomatic human immunodeficiency virus [HIV] infection status

## Example 3: Check Translation

I9R	ICD-9 Description	I10Code	I10Descript
04200	Human immunodeficiency virus (HIV) disease	B20	Human immunodeficiency virus [HIV] disease
07953	Human immunodeficiency virus, type 2 [HIV-2]	B9735	Human immunodeficiency virus, type 2 [HIV 2] as the cause of diseases classified elsewhere
64760	Other viral diseases of mother, complicating pregnancy, childbirth, or the puerperium, unspecified as to episode of care	O98419	Viral hepatitis complicating pregnancy, unspecified trimester
64760	Other viral diseases of mother, complicating pregnancy, childbirth, or the puerperium, unspecified as to episode of care	O98519	Other viral diseases complicating pregnancy, unspecified trimester
64761	Other viral diseases of mother, with delivery	O98411	Viral hepatitis complicating pregnancy, first trimester
64761	Other viral diseases of mother, with delivery	O98412	Viral hepatitis complicating pregnancy, second trimester

# Hint: Use MS-Access® Join To Facilitate Translation



Example: Back (I-10 → I-9) Translation

## Example 4. Matching I-10 Codes

Code	Description
B20	Human immunodeficiency virus [HIV] disease
B97.35	Human immunodeficiency virus, type 2 [HIV 2] as the cause of diseases classified elsewhere
098.411	Viral hepatitis complicating pregnancy, first trimester
098.412	Viral hepatitis complicating pregnancy, second trimester
098.413	Viral hepatitis complicating pregnancy, third trimester
098.419	Viral hepatitis complicating pregnancy, unspecified trimester
098.42	Viral hepatitis complicating childbirth
098.43	Viral hepatitis complicating the puerperium
098.511	Other viral diseases complicating pregnancy, first trimester
098.512	Other viral diseases complicating pregnancy, second trimester
098.513	Other viral diseases complicating pregnancy, third trimester
098.519	Other viral diseases complicating pregnancy, unspecified trimester
098.52	Other viral diseases complicating childbirth
098.53	Other viral diseases complicating the puerperium
R75	Inconclusive laboratory evidence of human immunodeficiency virus [HIV]
Z21	Asymptomatic human immunodeficiency virus [HIV] infection status



# Final Product (part 1): ICD-10-CM List

## 190.25 - Alpha-fetoprotein

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Other Names/Abbreviations

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Downloads: Lab Code List, at: [http://www.cms.gov/CoverageGenInfo/04\\_LabNCDs.asp#TopOfPage](http://www.cms.gov/CoverageGenInfo/04_LabNCDs.asp#TopOfPage)

ICD-10-CM Code	ICD-10-CM Descriptor
A5274	Syphilis of liver and other viscera
B180	Chronic viral hepatitis B with delta-agent
B181	Chronic viral hepatitis B without delta-agent
B182	Chronic viral hepatitis C
B661	Clonorchiasis
B663	Fascioliasis
C220	Liver cell carcinoma
C221	Intrahepatic bile duct carcinoma
C227	Other specified carcinomas of the liver
C228	Malignant neoplasm of liver, primary, unspecified as to type

For this Lab NCD, the table now lists ICD-10-CM codes & descriptors covered for AFP.

## Final Product (part 2):

### *ICD-10-CM Version of Codelist Module*

- One of CMS' contractors takes the lists of covered ICD-10-CM codes for each of the Lab NCDs and prepares the 'codelist spreadsheet' which can be processed for use by the shared systems for claims processing.
- This phase of the translation process will test the new ICD-10-CM version of the 'codelist spreadsheet' to see if it works as part of the claims processing mechanisms.

# ICD-9-CM to ICD-10-CM Translation Resources

- CMS Web pages for ICD-10-CM (update for 2011) for essential files:  
[www.cms.gov/ICD10/11b1\\_2011\\_ICD10CM\\_and\\_GEMs.asp#TopOfPage](http://www.cms.gov/ICD10/11b1_2011_ICD10CM_and_GEMs.asp#TopOfPage)
- Acknowledging the Expert Help from CMS Contractors:
  - For ICD-10-CM Translations: 3M
  - For Lab NCD Manual & Codelist Module: Fu Associates
- Essential Microsoft™ Tools for ICD-10-CM translation project:
  - Access™ versions of translation tables
  - Excel™ for de-duplicating; formatting final listings of ICD-10-CM

# Home Health Agency Home Health Resource Grouper (HHRG)



Joan Proctor  
Health Insurance Specialist  
Chronic Care Policy Group  
Center for Medicare

- High Level Transition Plan
  - Identify ICD-10-CM Codes for the HHRG
  - Post Draft/Invite Industry Comment
  - Post Draft HHRG for HHA & Vendor Testing

# OASIS and Procedure Code Reporting



Robin Dowell  
Nurse Consultant  
Quality Measurement and Health Assessment Group  
Office of Clinical Standards and Quality

- OASIS-C data item M1012 asks the provider to list Inpatient Procedures and the associated ICD procedure code relevant to the plan of care.
- CMS recently determined that this data item is not going to be used for payment, quality measures or risk adjustment.

- During the 4/13/11 Open Door Forum and in recent OASIS Qs and As, CMS instructed HHAs to answer M1012, but that any answer, including N/A or Unknown, is acceptable; the actual answer chosen is insignificant because it will not impact payment, measures or risk adjustment. Until further notice, agencies still need to answer the item and cannot leave it blank because technical specifications require an answer.



- CMS is awaiting OMB response regarding a plan to delete M1012 from the OASIS-C data set.
- A revision of the OASIS-C data set, including elimination of M1012 and accommodation for ICD-10 diagnosis codes will be prepared and submitted for OMB approval in preparation for the conversion from ICD-9 to ICD-10 on 10/1/2013.

# Claims That Span the October 1, 2013 Date




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# National ICD-10 Implementation Issues



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Office of E-Health Standards and Services



# National Provider Teleconference

## Continuing Education Information

Continuing education credits may be awarded by the American Academy of Professional Coders (AAPC) or the American Health Information Management Association (AHIMA) for participation in CMS national provider teleconferences.

- American Academy of Professional Coders (AAPC)  
If you have attended or are planning to attend a CMS national provider teleconference, you should be aware that CMS does not provide certificates of attendance for these calls. Instead, the AAPC will accept your e-mailed confirmation and call description as proof of participation. Please retain a copy of your e-mailed confirmation for these calls as the AAPC will request them for any conference call you entered into your CEU Tracker if you are chosen for CEU verification. Members are awarded one (1) CEU per hour of participation.

# Continuing Education Information

- American Health Information Management Association (AHIMA)  
AHIMA credential-holders may claim 1 CEU per 60 minutes of attendance at an educational program. Maintain documentation about the program for verification purposes in the event of an audit. A program does not need to be pre-approved by AHIMA, nor does a CEU certificate need to be provided, in order to claim AHIMA CEU credit. For detailed information about AHIMA's CEU requirements, see the Recertification Guide on AHIMA's web site.

Please note: The statements above are standard language provided to CMS by the AAPC and the AHIMA. If you have any questions concerning either statement, please contact the respective organization, not CMS.

## Questions?

Email your questions to

[ICD10-National-Calls@cms.hhs.gov](mailto:ICD10-National-Calls@cms.hhs.gov)

