ICD-10 Follow On Class 1 Software Remediation Project

Pharmacy: Benefits Management

Release Notes

PSU*4*19

Version 4.0

July 2014

Department of Veterans Affairs
Office of Information and Technology
Product Development

Table of Contents

(This page included for two-sided copying.)

1.   Introduction

1.1. Purpose

The purpose of these Release Notes is to identify enhancements to the Pharmacy Benefits Management (PBM) package contained in patch PSU*4*19.

1.2. Background

On January 16, 2009, the Centers for Medicare & Medicaid Services (CMS) released a final rule for replacing the 30-year-old International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM) code set with International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) and International Classification of Diseases, Tenth Revision, Procedure Coding System (ICD-10-PCS) with dates of service, or dates of discharge for inpatients, that occur on or after the ICD-10 Activation Date.

The classification system consists of more than 68,000 codes, compared to approximately 13,000 ICD-9-CM codes. There are nearly 87,000 ICD-10-PCS codes, while ICD-9-CM has nearly 3,800 procedure codes. Both systems also expand the number of characters allotted from five and four respectively to seven alpha-numeric characters. This value does not include the decimal point, which follows the third character for the ICD-10-CM code set. There is no decimal point in the ICD-10-PCS code set. These code sets have the potential to reveal more about quality of care, so that data can be used in a more meaningful way to better understand complications, better design clinically robust algorithms, and better track the outcomes of care. ICD-10-CM also incorporates greater specificity and clinical detail to provide information for clinical decision making and outcomes research.

ICD-9-CM and ICD-10-CM Comparison

ICD-9-CM	ICD-10-CM
13,000 codes (approximately)	68,000 codes (approximately)
3-5 characters	3-7 characters (not including the decimal)
Character 1 is numeric or alpha (E or V)	Character 1 is alpha; character 2 is numeric
Characters 2 - 5 are numeric	Characters 3–7 are alpha or numeric (alpha characters are not case sensitive)
Decimal after first 3 characters	Same

ICD-9-CM and ICD-10-PCS Comparison

ICD-9-CM Procedure Codes	ICD-10-PCS
3-4 characters	7 alphanumeric characters
All characters are numeric	Characters can be either alpha or numeric. Letters O and I are not used to avoid confusion with the numbers 0 and 1
All characters are numeric	Each character can be any of 34 possible values. The ten digits 0-9 and the 24 letters A-H, J-N and P-Z may be used in each character
Decimal after first 2 characters	Does not contain decimals

1.3. Scope of Changes

NOTE: Existing ICD-9 functionality has not changed.

Patch PSU*4*19 makes the following changes to the Pharmacy Benefits Management application:

- Adds a new Code Set Indicator data element to the PBM National Database.

- Modifies routines that extract ICD code data for inpatient and outpatient activity. These routines have been modified to use new Lexicon utilities that replace old Lexicon utilities and direct ICD global reads.

1.4. Documentation

The Pharmacy Benefits Management manuals are posted on the VistA Documentation Library (VDL) (http://www.va.gov/vdl/application.asp?appid=91).

The following Pharmacy Benefits Management user manuals are updated with changes for PSU*4*19:

- User Manual (V. 4.0)
- Technical Manual/Security Guide (V. 4.0)

NOTE: Security Information is contained within the *PBM Technical Manual/Security Guide*.

The following manual exists, but is not updated for this release:

- Installation Guide (V. 4.0)

2. New Outpatient Visits Statistics Data Element

A new data element, "Code Set Indicator," has been added to the data extract. The data element is sent via MailMan to the PBM National Database. Code Set Indicator values include:

- 9 (contains ICD-9 codes only)
- 10 (contains ICD-10 codes only)
- U (contains ICD-9 and ICD-10 codes)
- "" (Null – contains no ICD-9 or ICD-10 codes)

The File # and Field # data fields within the Outpatient Visits Specifications are not applicable (N/A), as the new data element is called by a new API.

New Data Element within Outpatient Visits Statistics Data Field Specifications

Data Element	File #	Field #	Piece # In Record Sent	Description
Code Set Indicator (New)	N/A	N/A	27	"9","10","U",""

3. Modified Inpatient Patient Treatment File (PTF) Data Element

The "ICD-9 Codes – Diagnosis" data element has been renamed to "ICD Diagnosis Codes." Input PTF Records and Outpatient Visit Statistics both indicate whether the ICD code is ICD-9 or ICD-10.

Modified Data Element within Inpatient PTF Record Statistics Data Field Specifications

Data Element	File #	Field #	Piece # In Record Sent	Description
ICD Codes – Diagnosis (Modified from "ICD-9 Codes – Diagnosis")	V POV file (#9000010.07) & V CPT file (#9000010.18) ICD Diagnosis file (#80)	POV field (#.01) & DIAGNOSIS field (#.05)	7-16	Diagnosis data is pulled from the POV field (#.01) in the V POV file (#9000010.07) and from the DIAGNOSIS field (#.05) in the V CPT file (#9000010.18). Number of codes is limited to 10. If over 10, they will be truncated.

4. Technical Information

A new API has been added, and the MailMan message format has been updated to accommodate ICD-10 codes and the new API.

4.1. New API/Integration Control Registration (ICR #5747)

A new API, $$CSI^ICDEX(), has been added to transmit the new Code Set Indicator data element. The Code Set Indicator provides both Inpatient and Outpatient ICD-9 and ICD-10 code set statistics.

4.2. MailMan Messages

The following MailMan messages have been updated to include a record for the new Code Set Indicator data element:

- Outpatient Visits – Detail Report Message
- Inpatient PTF Records – Detail Report Message

Modified Outpatient Visits – Detail Report Message

```
Subj: V. 4.0 PBMOV 29806 1/1 0  [#33424] 03/02/12@11:42  23 lines
From: LASTNAME, FIRSTNAME  In 'IN' basket.   Page 1
------------------------------------------------------------------------
^0^O^3001016^xxxxxxxxx^5000000019V796730^800.00^^^^^^^^^^^^^^^^^^9
^0^O^3000101^xxxxxxxxx^5000000000V196703^291.9^^^^^^^^^^32160^^^^^^^^^^9
^0^O^3000101^xxxxxxxxx^5000000019V796730^800.00^^^^^^^^^^32100^^^^^^^^^^9
^0^I^3010604^xxxxxxxxx^5000000003V639492^800.00^^^^^^^^^^20924^^^^^^^^^^9
^0^O^3010606^xxxxxxxxx^^144.1^^^^^^^^^^00100^^^^^^^^^^9
^0^O^3010606^xxxxxxxxx^^850.1^^^^^^^^^^85002^^^^^^^^^^9
```

Modified Inpatient PTF Records – Detail Report Message

```
Subj: V. 4.0 PBMPTF 29806 1/1 0  [#33425] 03/02/12@11:42  6 lines
From: LASTNAME, FIRSTNAME  In 'IN' basket.   Page 1
------------------------------------------------------------------------
^0^04^3020802^3030113^xxxxxxxxx^5000000001V324625^E955.6^^^^^^^^^^^^^^^^^^^^^^
^^^^^^^^^^^^^^^^9
^0^06^3020830^3031006^xxxxxxxxx^5000000042V640365^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
^^^^^^^^^
^0^08^3040421^3061026^xxxxxxxxx^5000000001V324625^295.01^295.02^295.10^^^^^^^^
^^^^^^^^^^^^^^^^^^^^^^^^9
^0^014^3120227^3120227^xxxxxxxxx^5000000008V200916^K71.51^A20.7^Q27.8^V70.2XX
D^^^^^^^^^^^^^^^^^0016070^0016378^^^^^^^^^^^^^^^^10
```

(This page included for two-sided copying.)