

<b>CMS Manual System</b>	<b>Department of Health &amp; Human Services (DHHS)</b>
<b>Pub 100-04 Medicare Claims Processing</b>	<b>Centers for Medicare &amp; Medicaid Services (CMS)</b>
<b>Transmittal 2976</b>	<b>Date: June 13, 2014</b>
	<b>Change Request 8797</b>

**SUBJECT: Changes to the Laboratory National Coverage Determination (NCD) Software**

**I. SUMMARY OF CHANGES:** In accordance with Chapter 16, Section 120.2, Publication 100-04, the Laboratory National Coverage Determination (NCD) Edit Software will be updated to continue the processing of the ICD-9 diagnosis codes. On April 1, 2014, the Protecting Access to Medicare Act of 2014 (PAMA) (Pub. L. No. 113-93) was enacted, which said that the Secretary may not adopt ICD-10 prior to October 1, 2015. Accordingly, the U.S. Department of Health and Human Services expects to release an interim final rule in the near future that will include a new compliance date that would require the use of ICD-10 beginning October 1, 2015. The rule will also require HIPAA covered entities to continue to use ICD-9-CM through September 30, 2015.

**EFFECTIVE DATE: October 1, 2014**

*\*Unless otherwise specified, the effective date is the date of service.*

**IMPLEMENTATION DATE: October 6, 2014**

*Disclaimer for manual changes only: The revision date and transmittal number apply only to red italicized material. Any other material was previously published and remains unchanged. However, if this revision contains a table of contents, you will receive the new/revised information only, and not the entire table of contents.*

**II. CHANGES IN MANUAL INSTRUCTIONS: (N/A if manual is not updated)**

R=REVISED, N=NEW, D=DELETED-Only One Per Row.

<b>R/N/D</b>	<b>CHAPTER / SECTION / SUBSECTION / TITLE</b>
N/A	

**III. FUNDING:**

**For Medicare Administrative Contractors (MACs):**

The Medicare Administrative Contractor is hereby advised that this constitutes technical direction as defined in your contract. CMS does not construe this as a change to the MAC statement of Work. The contractor is not obliged to incur costs in excess of the amounts allotted in your contract unless and until specifically authorized by the Contracting Officer. If the contractor considers anything provided, as described above, to be outside the current scope of work, the contractor shall withhold performance on the part(s) in question and immediately notify the Contracting Officer, in writing or by e-mail, and request formal directions regarding continued performance requirements.

**IV. ATTACHMENTS:**

**Recurring Update Notification**

# Attachment - Recurring Update Notification

Pub. 100-04	Transmittal: 2976	Date: June 13, 2014	Change Request: 8797
-------------	-------------------	---------------------	----------------------

**SUBJECT: Changes to the Laboratory National Coverage Determination (NCD) Software**

**EFFECTIVE DATE: October 1, 2014**

*\*Unless otherwise specified, the effective date is the date of service.*

**IMPLEMENTATION DATE: October 6, 2014**

## I. GENERAL INFORMATION

**A. Background:** In accordance with Chapter 16, Section 120.2, Publication 100-04, the Laboratory National Coverage Determination (NCD) Edit Software will be updated to continue the processing of the ICD-9 diagnosis codes. On April 1, 2014, the Protecting Access to Medicare Act of 2014 (PAMA) (Pub. L. No. 113-93) was enacted, which said that the Secretary may not adopt ICD-10 prior to October 1, 2015. Accordingly, the U.S. Department of Health and Human Services expects to release an interim final rule in the near future that will include a new compliance date that would require the use of ICD-10 beginning October 1, 2015. The rule will also require HIPAA covered entities to continue to use ICD-9-CM through September 30, 2015.

**B. Policy:** The Laboratory National Coverage Determination (NCD) Edit Software will be updated to continue the processing of the ICD-9 diagnosis codes. There are no updates to the laboratory NCD code lists for this quarter.

## II. BUSINESS REQUIREMENTS TABLE

*"Shall" denotes a mandatory requirement, and "should" denotes an optional requirement.*

Number	Requirement	Responsibility								
		A/B MAC			D M E M A C	Shared- System Maintainers				Other
		A	B	H H H		F I S S	M C S	V M S	C W F	
8797.1	<p>The Shared Systems Maintainer shall implement software updates to the Online Inquiry System from the Lab Edit Changes Spreadsheet, dated 5/19/14, Element #20, "UPDATE END DATE OF ICD-9 &amp; START DATE OF ICD-10"</p> <p>Online Inquiry Logs: <a href="mailto:RR17.@4AX7930.LEM.ONLINE.D140506.LOGS">RR17.@4AX7930.LEM.ONLINE.D140506.LOGS</a></p> <p>Online Inquiry load modules: <a href="mailto:RR17.@4AX7930.LEM.ONLINE.D140506.LOADDLB">RR17.@4AX7930.LEM.ONLINE.D140506.LOADDLB</a></p>					X	X			FU Associates
8797.2	The Shared Systems Maintainer shall implement software updates to the Batch/CICS System from the Lab Edit Changes Spreadsheet, dated 5/19/14,					X	X			FU Associates

Number	Requirement	Responsibility								
		A/B MAC			D M E M A C	Shared- System Maintainers				Other
		A	B	H H H		F I S S	M C S	V M S	C W F	
	<p>Element #20, "UPDATE END DATE OF ICD-9 &amp; START DATE OF ICD-10"</p> <p>Batch Logs:</p> <p><a href="mailto:RR17.@4AX7930.LEM.BATCH.D140502.LOGS">RR17.@4AX7930.LEM.BATCH.D140502.LOGS</a></p> <p>Batch load modules:</p> <p><a href="mailto:RR17.@4AX7930.LEM.BATCH.D140502.LOADI">RR17.@4AX7930.LEM.BATCH.D140502.LOADI</a> <a href="#">B</a></p>									

### III. PROVIDER EDUCATION TABLE

Number	Requirement	Responsibility				
		A/B MAC			D M E M A C	C E D I
		A	B	H H H		
8797.3	<p>MLN Article : A provider education article related to this instruction will be available at <a href="http://www.cms.gov/Outreach-and-Education/Medicare-Learning-Network-MLN/MLNMattersArticles/">http://www.cms.gov/Outreach-and-Education/Medicare-Learning-Network-MLN/MLNMattersArticles/</a> shortly after the CR is released. You will receive notification of the article release via the established "MLN Matters" listserv. Contractors shall post this article, or a direct link to this article, on their Web sites and include information about it in a listserv message within one week of the availability of the provider education article. In addition, the provider education article shall be included in the contractor's next regularly scheduled bulletin. Contractors are free to supplement MLN Matters articles with localized information that would benefit their provider community in billing and administering the Medicare program correctly.</p>	X	X			

#### IV. SUPPORTING INFORMATION

**Section A: Recommendations and supporting information associated with listed requirements: N/A**

*"Should" denotes a recommendation.*

X-Ref Requirement Number	Recommendations or other supporting information:

**Section B: All other recommendations and supporting information: N/A**

#### V. CONTACTS

**Pre-Implementation Contact(s):** Kimberly Long, 410-786-5702 or kimberly.long@cms.hhs.gov , Wanda Belle, 410-786-7491 or wanda.belle@cms.hhs.gov , Patricia Brocato-Simons, 410-786-0261 or patricia.brocato-simons@cms.hhs.gov

**Post-Implementation Contact(s):** Contact your Contracting Officer's Representative (COR).

#### VI. FUNDING

**Section A: For Medicare Administrative Contractors (MACs):**

The Medicare Administrative Contractor is hereby advised that this constitutes technical direction as defined in your contract. CMS does not construe this as a change to the MAC Statement of Work. The contractor is not obligated to incur costs in excess of the amounts allotted in your contract unless and until specifically authorized by the Contracting Officer. If the contractor considers anything provided, as described above, to be outside the current scope of work, the contractor shall withhold performance on the part(s) in question and immediately notify the Contracting Officer, in writing or by e-mail, and request formal directions regarding continued performance requirements.

**ATTACHMENTS: 3**

---

National Coverage Determinations  
Edit Module  
Online Inquiry  
for ICD-9-CM  
and ICD-10-CM

Draft  
Specifications  
*Version 1.0*  
May 19, 2014

Prepared by:

Fu Associates, Ltd.  
2300 Clarendon Blvd.  
Arlington, Virginia 22201  
(703) 243-2992



**SIGNOFF / REVISIONS**

Approved: \_\_\_\_\_

Ms. Kimberly Long                      Date  
 Government Task Leader  
 Centers for Medicare & Medicaid Svc

Approved: \_\_\_\_\_

Dr. Jeffrey Roche                      Date  
 Government Task Leader  
 Centers for Medicare & Medicaid Svc

Prepared: \_\_\_\_\_

Ms. Pamela Kress                      Date  
 Technical Team Leader  
 Fu Associates, Ltd.

<b>Revision</b>	<b>Date</b>	<b>Revision/Change Description</b>	<b>Pages Affected</b>
Baseline	11/09/2012	Draft Version of specifications	All
Revised version	11/21/2012	Draft Version of specifications with comments from Part B MCS	All
Revised version	01/23/2013	Draft Version of specifications based on updated software requirements	All
Revised version	05/6/2013	Draft Version of specifications based on HP's testing of software requirements	All
Revised version	05/19/2014	Draft Version of specifications based on CMS decision to delay the implementation of the ICD-9-CM to ICD-10-CM code basis.	All
Final Version		Final Version of specifications	

**Table of Contents**

**1 INTRODUCTION.....1**

1.1 BACKGROUND.....1

1.2 PURPOSE .....1

**2 FUNCTIONAL OVERVIEW .....1**

**3 TECHNICAL DESCRIPTION.....2**

3.1 ENTRY TO THE PROGRAM.....2

3.2 COMMUNICATIONS AREA.....2

3.3 SCREEN DESCRIPTIONS FOR ICD-9-CM.....3

    3.3.1 *Option 1* .....4

    3.3.2 *Option 2* .....5

    3.3.3 *Option 3* .....5

    3.3.4 *Option 4* .....6

    3.3.5 *Possible error messages 1 – 7* .....8

3.4 SCREEN DESCRIPTIONS FOR ICD-10-CM.....12

    3.4.1 *Option 1* .....12

    3.4.2 *Option 2* .....13

    3.4.3 *Option 3* .....14

    3.4.4 *Option 4* .....15

    3.4.5 *Possible error messages 1 – 7* .....16

3.5 PROGRAM NAVIGATION .....20

3.6 EXITING THE PROGRAM .....20

**4 INSTALLATION PROCEDURES.....21**

4.1 INSTALL THE PROCESSING PROGRAM TABLE (PPT) ENTRIES FOR CICS MODULES .....21

4.2 INSTALL THE PROGRAM CONTROL TABLE (PCT) ENTRY FOR CICS MODULES.....21

4.3 INSTALL THE LOAD MODULES IN THE LOAD LIBRARY .....22

**Tables**

Table 1: NCD Online Table Entry Methods.....2

Table 2: Response codes from Option 1 for ICD-9-CMs .....4

Table 3: Response codes from Option 1 for ICD-10-CMs .....13

Table 4: NCD Online Screen Navigation .....20

Table 5: PPT Entries.....21

Table 6: PCT Entries .....21

Table 7: Load Modules.....22

## **1 INTRODUCTION**

### **1.1 Background**

The Centers for Medicare & Medicaid Services (CMS) issued a Program Memorandum AB-02-030 containing the instructions for 23 National Coverage Determinations (NCDs) that were included in a final rule published Friday, November 23, 2001 in the Federal Register (66 FR 58788). To meet the requirements of this Program Memorandum, an edit module was developed and implemented by all standard systems in January 2003. The edit module was changed in October 2012 to accommodate the ICD-9-CM to ICD-10-CM conversion. The design has been updated to consist of two COBOL edit modules and two Assembler table modules for diagnosis-to-procedure edits for each NCD using September 30, 2015 and October 1, 2015 as cut off and start dates for ICD-9-CM and ICD-10-CM, respectively.

The ability to view the diagnosis-to-procedure table was not included in the original edit module. This document describes the online process that will allow the Medicare standard systems and contractors to view the diagnosis-to-procedure table for assistance in resolution when errors occur in processing claims with NCD numbers.

### **1.2 Purpose**

The need exists for contractors to be able to view the contents of the NCD edit table to answer questions about the specifics and to resolve errors that may occur in the NCD module edits. The two modules (one for ICD-9-CM and one for ICD-10-CM) will allow users to view the contents of the NCD edit tables in several different ways.

## **2 FUNCTIONAL OVERVIEW**

The NCD online inquiry modules will allow the standard systems and contractors access to the NCD edit table that is used by the NCD Edit Module. These online modules will contain the following four screens:

- A main screen that will allow for inquiring into the NCD edit table in several ways (Option 1).
- A screen that will display all the diagnosis codes for a procedure code/date of service (Option 2).
- A screen that will display all the diagnosis codes for a specific procedure code, along with their effective dates (Option 3).
- A screen that will display all the procedure codes in the table, along with their effective dates (Option 4).

### 3 TECHNICAL DESCRIPTION

The NCD online inquiry modules are mainframe-based CICS systems. The program ID for ICD-9-CM is LEM#OP1, and the CICS transaction ID is LEM9. The program ID for ICD-10-CM is LEM#OP2, and the CICS transaction ID is LEM0.

#### 3.1 Entry to the Program

The NCD online inquiry program will allow entrance using the two (2) methods described in Table 1. The method used is completely at the discretion of the standard system maintainers.

**Table 1: NCD Online Table Entry Methods**

Method	Description
Option 1 – Direct Entry	Enter transaction “LEM9” for ICD-9-CM on a blank CICS screen and “LEM0” for ICD-10-CM on a blank CICS screen.
Option 2 – START from another program	Issue a CICS “START” command from another program. Example: EXEC CICS START TRANSID          (START-TRANID) FROM             (WC-NCD-COMMAREA) LENGTH           (LENGTH OF WS-NCD-COMMAREA) TERMID           (EIBTRMID) END-EXEC.

#### 3.2 Communications Area

STARTing the program will require specific information in the communications area. Copybook LEM#OC1 will be provided and will contain the following information:

```
*
*   COMMUNICATIONS AREA COPYBOOK FOR PROGRAM LEM#OC1
*
01  (*)-NCD-COMMAREA.
05  (*)-PROC-CODE           PIC X(05).
05  (*)-DIAG-CODE          PIC X(07).
05  (*)-DATE-OF-SERVICE    PIC S9(07) COMP-3.
05  (*)-RETURN-TRANID      PIC X(04).
05  FILLER                  PIC X(80).
```

The calling program should populate the communications area as follows before the START command is executed:

- Proc code – a valid procedure code – optional (required if diag code entered)
- Diag code – a valid diagnosis code – optional (ICD-9-CM or ICD-10-CM)
- Date of service – optional
- Return tranid – transaction id that is to be started after exiting LEM#OC1.

### 3.3 Screen Descriptions for ICD-9-CM

If the program is entered directly from CICS, the following screen will be displayed:

```
05132014          ICD9 NCD EDIT MODULE          LEM#0M9
15072157          DISPLAY TABLE

PROCEDURE CODE ==> █ _____
DIAGNOSIS CODE ==> _____
DATE OF SERVICE ==>  __ / __ / ____
                   (MM / DD / YYYY)

NCD NUM  ==>
RESPONSE ==>

NCD TABLE DATE: 05/06/14 15.36
CLEAR - EXIT
```

The user will enter one or more fields to inquire into the NCD edit table, or leave all fields blank to display the entire table.

If the program was started with a START with data, the screen above will be bypassed. Data will be passed to the program in the communications area described above. It will contain the same fields as are on the screen, and the program will continue in the same manner as when the fields are entered on the screen. If the program is started with an empty parm area, the above screen is displayed. After entering data and pressing the enter key, the program continues to the next appropriate screen.

Either on the initial screen or in the communications area, all fields may be left blank, or any combination of fields may be entered, with the exception that if a diagnosis code is entered, a procedure code must also be entered. The actions described in sections 3.3.1- 3.3.4 will be taken based on the ICD-9-CM data entered. Section 3.3.5 describes possible errors that can be displayed if certain mistakes are made in data entry.

**3.3.1 Option 1**

If the data entered on the initial screen is a procedure code, a diagnosis code, and a date of service, the program reads the ICD-9-CM NCD table and displays the appropriate response for that procedure/diagnosis/date of service combination. If the date of service is not entered, the default would be the current date.

```

05132014          ICD9 NCD EDIT MODULE          LEM#0M9
15101117          DISPLAY TABLE

PROCEDURE CODE ==> 87088
DIAGNOSIS CODE ==> 0031
DATE OF SERVICE ==> 12 / 21 / 2012
                   (MM / DD / YYYY)
NCD NUM  ==>      190.12
RESPONSE ==>      0 - APPROVE

NCD TABLE DATE: 05/06/14 15.36
CLEAR - EXIT
    
```

Table 2 shows the response codes that result from Option 1.

**Table 2: Response codes from Option 1 for ICD-9-CMs**

<b>Response Code</b>	<b>Description</b>
0 – Approve	This response code indicates that claim is covered.
1 – Not Applicable	This response code indicates that service date is not in the appropriate period for ICD-9-CM diagnostic codes.
3 – Deny List 2	This response code indicates that claim is not covered because it is in the list of National Non-Covered codes.
4 – Deny List 3	This response code indicates that claim is not covered because it does not meet Medical Necessity criteria.

**3.3.2 Option 2**

If the data entered on the initial screen is a procedure code and the date of service, the program will display all of the diagnosis codes in the lists related to that procedure code, which are effective on the date of service. The codes will be shown under the following headings:

List 1 – Covered Diagnoses

List 2 – Diagnoses Non-Covered by Statute

List 3 – Diagnoses Not Medically Necessary

05132014	NCD EDIT MODULE				LEM#0M2
15133370	DISPLAY TABLE				PAGE: 0001
PROCEDURE CODE: 87088					
DATE OF SERVICE: 12/21/2012					
NCD NUMBER: 190.12					
---- LIST 1 COVERED DIAGNOSES ----					
0031	0380	03810	-03811	03812	03819
0382	0383	03840	-03844	03849	0388
0389	2762	2764		2866	28800
28801	28802	28803		28804	28809
2888	30653	30659		51882	570
5800	5804	58081		58089	5809
5830	5831	5832		5834	5836
5837	58381	58389		5839	5856
59000	-59001	59010	-59011	5902	5903
5909		5920		5921	5929
5931		5932		5933	5934
5936	59370	-59373	59381	-59382	59389
5940	5941		5942		5948
5950	5951		5952		5953
59581	-59582	59589		5959	5970
59789	59800	-59801	5990		59970
59971					59971
CLEAR-EXIT	PF3-RETURN	PF7-BACK	PF8-FORWARD		

**3.3.3 Option 3**

If the data entered on the initial screen is a procedure code, and the diagnosis code and date of service are not entered, the program displays all of the diagnosis codes with their effective dates related to that procedure code. The Action is the same as the Response Code, which in this case is “0 – APPROVE” on the first screen below.

05132014	NCD EDIT MODULE		LEM#0M3
15124766	DISPLAY TABLE		PAGE: 0001
PROCEDURE CODE: 87088			
DATE OF SERVICE: ALL			
NCD NUMBER: 190.12			
DIAGNOSIS CODES	ACTION	EFFECTIVE DATE	TERMINATION DATE
0031	0 - APPROVE	11/25/2002	09/30/2015
0380	0 - APPROVE	11/25/2002	09/30/2015
03810 - 03811	0 - APPROVE	11/25/2002	09/30/2015
03812	0 - APPROVE	10/01/2008	09/30/2015
03819	0 - APPROVE	11/25/2002	09/30/2015
0382	0 - APPROVE	11/25/2002	09/30/2015
0383	0 - APPROVE	11/25/2002	09/30/2015
03840 - 03844	0 - APPROVE	11/25/2002	09/30/2015
03849	0 - APPROVE	11/25/2002	09/30/2015
0388	0 - APPROVE	11/25/2002	09/30/2015
0389	0 - APPROVE	11/25/2002	09/30/2015
2762	0 - APPROVE	11/25/2002	09/30/2015
2764	0 - APPROVE	11/25/2002	09/30/2015
2866	0 - APPROVE	11/25/2002	09/30/2015
2880	0 - APPROVE	11/25/2002	09/30/2006
28800	0 - APPROVE	10/01/2006	09/30/2015
CLEAR-EXIT	PF3-RETURN	PF7-BACK	PF8-FORWARD

**3.3.4 Option 4**

If no data is entered on the initial screen, a list of all the procedure codes in the table will be displayed. To display diagnosis codes for a procedure code on the screen, the user may enter 'S' next to a procedure code, i.e. 87536.

05132014	NCD EDIT MODULE		LEM#0M4
15142539	DISPLAY TABLE		PAGE: 0001
DATE OF SERVICE: ALL			
S	NCD	PROCEDURE CODE	EFFECTIVE DATE
-	190.12	87086	11/25/2002
-	190.12	87088	11/25/2002
S	190.13	87536	11/25/2002
-	190.13	87539	11/25/2002
-	190.14	86689	11/25/2002
-	190.14	86701	11/25/2002
-	190.14	86702	11/25/2002
-	190.14	86703	11/25/2002
-	190.14	87390	11/25/2002
-	190.14	87391	11/25/2002
-	190.14	87534	11/25/2002
-	190.14	87535	11/25/2002
-	190.14	87537	11/25/2002
-	190.14	87538	11/25/2002
-	190.15	85004	07/01/2003
-	190.15	85007	11/25/2002
CLEAR-EXIT	PF3-RETURN	PF7-BACK	PF8-FORWARD

The LEM#OM3 screen is displayed for the procedure code selected, i.e. 87536, with all of the ICD-9-CM diagnosis codes associated with this procedure code as seen below.

05132014 15151296		NCD EDIT MODULE DISPLAY TABLE		LEM#OM3 PAGE: 0001	
PROCEDURE CODE: 87536					
DATE OF SERVICE: ALL					
NCD NUMBER: 190.13					
DIAGNOSIS CODES	ACTION	EFFECTIVE DATE	TERMINATION DATE		
042	0 - APPROVE	11/25/2002	09/30/2015		
07953	0 - APPROVE	11/25/2002	09/30/2015		
64760 - 64764	0 - APPROVE	11/25/2002	09/30/2015		
79571	0 - APPROVE	11/25/2002	09/30/2015		
V08	0 - APPROVE	11/25/2002	09/30/2015		
7980	3 - DENY LIST 2	11/25/2002	09/30/2015		
7981	3 - DENY LIST 2	11/25/2002	09/30/2015		
7982	3 - DENY LIST 2	11/25/2002	09/30/2015		
7989	3 - DENY LIST 2	11/25/2002	09/30/2015		
V1585	3 - DENY LIST 2	11/25/2002	09/30/2015		
V161	3 - DENY LIST 2	11/25/2002	09/30/2015		
V162	3 - DENY LIST 2	11/25/2002	09/30/2015		
V1640	3 - DENY LIST 2	11/25/2002	09/30/2015		
V1651	3 - DENY LIST 2	11/25/2002	09/30/2015		
V1652	3 - DENY LIST 2	01/01/2009	09/30/2015		
V1659	3 - DENY LIST 2	11/25/2002	09/30/2015		
CLEAR-EXIT	PF3-RETURN	PF7-BACK	PF8-FORWARD		

If only the date of service is entered, those procedure codes that are effective in the NCD edit module on the date of service will be displayed. To display diagnosis codes for a procedure code on the screen, the user may enter 'S' next to a procedure code, i.e. 87088.

05132014 15160387		NCD EDIT MODULE DISPLAY TABLE		LEM#OM4 PAGE: 0001	
DATE OF SERVICE: 12/21/2012					
S	NCD	PROCEDURE CODE	EFFECTIVE DATE	TERMINATION DATE	
-	190.12	87086	11/25/2002		
S	190.12	87088	11/25/2002		
-	190.13	87536	11/25/2002		
-	190.13	87539	11/25/2002		
-	190.14	86689	11/25/2002		
-	190.14	86701	11/25/2002		
-	190.14	86702	11/25/2002		
-	190.14	86703	11/25/2002		
-	190.14	87390	11/25/2002		
-	190.14	87391	11/25/2002		
-	190.14	87534	11/25/2002		
-	190.14	87535	11/25/2002		
-	190.14	87537	11/25/2002		
-	190.14	87538	11/25/2002		
-	190.15	85004	07/01/2003		
-	190.15	85007	11/25/2002		
CLEAR-EXIT	PF3-RETURN	PF7-BACK	PF8-FORWARD		

The LEM#OM2 screen is displayed for the procedure code selected, i.e. 87088, with all of the ICD-9-CM diagnosis codes associated with this procedure code as of the service date as displayed below.

05132014	NCD EDIT MODULE				LEM#OM2
15164405	DISPLAY TABLE				PAGE: 0001
PROCEDURE CODE: 87088					
DATE OF SERVICE: 12/21/2012					
NCD NUMBER: 190.12					
---- LIST 1 COVERED DIAGNOSES ----					
0031	0380	03810	-03811	03812	03819
0382	0383	03840	-03844	03849	0388
0389	2762	2764		2866	28800
28801	28802	28803		28804	28809
2888	30653	30659		51882	570
5800	5804	58081		58089	5809
5830	5831	5832		5834	5836
5837	58381	58389		5839	5856
59000	-59001	59010	-59011	5902	5903
5909		5920		5921	5929
5931		5932		5933	5934
5936		59370	-59373	59381	-59382
5940		5941		5942	5948
5950		5951		5952	5953
59581	-59582	59589		5959	5970
59789		59800	-59801	5990	59970
CLEAR-EXIT	PF3-RETURN	PF7-BACK		PF8-FORWARD	

**3.3.5 Possible error messages 1 – 7**

POSSIBLE ERROR 1: When an invalid service date is entered, an error message is displayed at the bottom of the main screen. The day field must be in the range of 01 to 31, the month field must be in the range of 01 to 12, and the year field must be numeric.

05132014	ICD9 NCD EDIT MODULE		LEM#OM9
15173957	DISPLAY TABLE		
PROCEDURE CODE ==> 87086			
DIAGNOSIS CODE ==> 0031			
DATE OF SERVICE ==> 10 / 55 / 2012			
(MM / DD / YYYY)			
NCD NUM ==>			
RESPONSE ==>			
NCD TABLE DATE: 05/06/14 15.36			
CLEAR - EXIT			
INVALID DATE ENTERED			

POSSIBLE ERROR 2: If a diagnosis code is entered and no procedure code is entered, an error message will be displayed at the bottom of the main screen letting the user know a procedure code must be entered.

```

05132014          ICD9 NCD EDIT MODULE          LEM#0M9
15185104          DISPLAY TABLE

PROCEDURE CODE ==> _____
DIAGNOSIS CODE ==> 0031
DATE OF SERVICE ==> ___ / ___ / _____
                    (MM / DD / YYYY)

NCD NUM  ==>
RESPONSE ==>

NCD TABLE DATE: 05/06/14 15.36
CLEAR - EXIT
PROCEDURE CODE MUST BE ENTERED IF DIAG CODE ENTERED
    
```

POSSIBLE ERROR 3: When a user is in an Option with multiple screens due to the data spanning several screen shots, i.e. multiple pages such as in Option 2, 3, and 4, and the user presses the PF7 or Page Up button for previous screen, a message at the bottom says that the user is already on the first page.

```

05132014          NCD EDIT MODULE          LEM#0M2
15215086          DISPLAY TABLE          PAGE: 0001
PROCEDURE CODE:  87086
DATE OF SERVICE: 12/21/2012
NCD NUMBER:      190.12
---- LIST 1 COVERED DIAGNOSES ----
0031      0380      03810  -03811  03812      03819
0382      0383      03840  -03844  03849      0388
0389      2762      2764      2866      28800
28801     28802     28803     28804     28809
2888      30653     30659     51882     570
5800      5804      58081     58089     5809
5830      5831      5832      5834      5836
5837      58381     58389     5839      5856
59000 -59001  59010 -59011  5902      5903     59080 -59081
5909      5920      5921      5929      5930
5931      5932      5933      5934      5935
5936      59370 -59373  59381 -59382  59389     5939
5940      5941      5942      5948      5949
5950      5951      5952      5953      5954
59581 -59582  59589     5959     5970     59780 -59781
59789     59800 -59801  5990     59970     59971

CLEAR-EXIT  PF3-RETURN  PF7-BACK  PF8-FORWARD
ALREADY AT FIRST PAGE
    
```

POSSIBLE ERROR 4: When a user is in an Option with multiple screens due to the data spanning several screen shots, i.e. multiple pages such as in Option 2, 3, and 4, and the user presses the PF8 or Page Down button for the next screen, a message at the bottom says that no more data is to be displayed.

05142014 11280179	NCD EDIT MODULE DISPLAY TABLE	LEM#0M4 PAGE: 0004
DATE OF SERVICE: ALL		
S	NCD PROCEDURE CODE	EFFECTIVE DATE
█	190.23 84478	11/25/2002
-	190.24 80162	11/25/2002
-	190.25 82105	11/25/2002
-	190.26 82378	11/25/2002
-	190.27 84702	11/25/2002
-	190.28 86304	11/25/2002
-	190.29 86300	11/25/2002
-	190.30 86301	11/25/2002
-	190.31 84153	11/25/2002
-	190.32 82977	11/25/2002
-	190.33 80074	11/25/2002
-	190.34 82272	04/01/2006
CLEAR-EXIT    PF3-RETURN    PF7-BACK    PF8-FORWARD NO MORE DATA TO DISPLAY		

POSSIBLE ERROR 5: When a procedure code that does not apply to any Lab Edit NCDs is entered on the main screen, a message will be displayed at the bottom that tells the user that the procedure code is not in the NCD.

05132014 15223896	ICD9 NCD EDIT MODULE DISPLAY TABLE	LEM#0M9
PROCEDURE CODE ==> 32179		
DIAGNOSIS CODE ==> _____		
DATE OF SERVICE ==> __ / __ / ____ (MM / DD / YYYY)		
NCD NUM ==>		
RESPONSE ==> 1 - NOT APPLICABLE		
NCD TABLE DATE: 05/06/14 15.36 CLEAR - EXIT THIS PROCEDURE CODE IS NOT IN NCD █		

POSSIBLE ERROR 6: When a service date is entered that is invalid because it is before November 25, 2002 or after October 1, 2015, a response code of “1 — NOT APPLICABLE” will appear on the screen with the error message at the bottom of the screen.

```
05132014          ICD9 NCD EDIT MODULE          LEM#0M9
15234544          DISPLAY TABLE

PROCEDURE CODE ==> 87087
DIAGNOSIS CODE ==> 0031
DATE OF SERVICE ==> 10 / 01 / 2015
                   (MM / DD / YYYY)
NCD NUM  ==>
RESPONSE ==>      1 - NOT APPLICABLE

NCD TABLE DATE: 05/06/14 15.36
CLEAR - EXIT
SERVICE DATE < 11/25/2002 OR > 9/30/2015
```

POSSIBLE ERROR 7: When an invalid service year is entered, an error message is displayed at the bottom of the main screen. The year field must be within two years of the year of the session.

```
05132014          ICD9 NCD EDIT MODULE          LEM#0M9
15242572          DISPLAY TABLE

PROCEDURE CODE ==> 87086
DIAGNOSIS CODE ==> 0031
DATE OF SERVICE ==> 10 / 01 / 2005
                   (MM / DD / YYYY)
NCD NUM  ==>
RESPONSE ==>

NCD TABLE DATE: 05/06/14 15.36
CLEAR - EXIT
SERVICE DATE IS MORE THAN 2 YEARS BEFORE SESSION DATE
```

### 3.4 Screen Descriptions for ICD-10-CM

If the program is entered directly from CICS, the following screen will be displayed:

```
05132014          ICD10 NCD EDIT MODULE          LEMHOM0
15254298          DISPLAY TABLE

PROCEDURE CODE ==> █ _____
DIAGNOSIS CODE ==> _____
DATE OF SERVICE ==>  __ / __ / ____
                   (MM / DD / YYYY)

NCD NUM  ==>
RESPONSE ==>

NCD TABLE DATE: 05/06/14 15.43
CLEAR - EXIT
```

The user will enter one or more fields to inquire into the NCD edit table, or leave all fields blank to display the entire table.

If the program was started with a START with data, the screen above will be bypassed. Data will be passed to the program in the communications area described above. It will contain the same fields as are on the screen, and the program will continue in the same manner as when the fields are entered on the screen. If the program is started with an empty parm area, the above screen is displayed. After entering data and pressing the enter key, the program continues to the next appropriate screen.

Either on the initial screen or in the communications area, all fields may be left blank, or any combination of fields may be entered, with the exception that if a diagnosis code is entered, a procedure code must also be entered. The actions described in sections 3.4.1- 3.4.4 will be taken based on the ICD-10-CM data entered. Section 3.4.5 describes possible errors that can be displayed if certain mistakes are made in data entry.

#### 3.4.1 Option 1

If the data entered on the initial screen is a procedure code, a diagnosis code, and a date of service, the program reads the ICD-10-CM NCD table and displays the appropriate response for that procedure/diagnosis/date of service combination. If the date of service is not entered, the default would be current date.

05132014 15263268	ICD10 NCD EDIT MODULE DISPLAY TABLE	LEM#0M0
	PROCEDURE CODE ==>	87086
	DIAGNOSIS CODE ==>	A042
	DATE OF SERVICE ==>	10 / 05 / 2015 (MM / DD / YYYY)
	NCD NUM ==>	190.12
	RESPONSE ==>	4 - DENY LIST 3
NCD TABLE DATE: 05/06/14 15.43 CLEAR - EXIT		

Table 3 shows the response codes that result from Option 1.

**Table 3: Response codes from Option 1 for ICD-10-CMs**

Response Code	Description
0 – Approve	This response code indicates that claim is covered.
1 – Not Applicable	This response code indicates that service date is not in the appropriate period for ICD-10-CM diagnostic codes.
3 – Deny List 2	This response code indicates that claim is not covered because it is in the list of National Non-Covered codes.
4 – Deny List 3	The response code indicates that claim is not covered because it does not meet Medical Necessity criteria.

### **3.4.2 Option 2**

If the data entered on the initial screen is a procedure code and the date of service, the program will display all of the diagnosis codes in the lists related to that procedure code, which are effective on the date of service. The codes will be shown under the following headings:

- List 1 – Covered Diagnoses
- List 2 – Diagnoses Non-Covered by Statute
- List 3 – Diagnoses Not Medically Necessary

```

05132014          NCD EDIT MODULE          LEM#0M2
15283796          DISPLAY TABLE            PAGE: 0001
PROCEDURE CODE:  87086
DATE OF SERVICE: 10/05/2015
NCD NUMBER:      190.12
---- LIST 1 COVERED DIAGNOSES ----
A021              A1814          A34              A400  -A401    A403
A408  -A409      A4101  -A4102    A411  -A414    A4150  -A4153    A4159
A4181           A4189           A419           A427           A5601  -A5602
A5611           D65              D700  -D704    D708  -D709    D7289
E0921  -E0922    E0929           E872           E874           F458
G933           J80              K7200  -K7201    K762           M3214  -M3215
M3504           M5489           M549           M000  -N009    N010  -N019
N050  -N059      N060  -N069    N070  -N079    N08              N10
N110  -N111      N118  -N119    N12              N134  -N136    N1370  -N1371
N13721 -N13722    N13729         N13731 -N13732    N13739         N138  -N139
N140  -N144      N150  -N151    N158  -N159    N16              N171  -N172
N186           N200  -N202    N209           N210  -N211    N218  -N219
N22           N23              N280  -N281    N2881 -N2886    N2889
N289           N29              N3000  -N3001    N3010  -N3011    N3020  -N3021
N3030  -N3031    N3040  -N3041    N3080  -N3081    N3090  -N3091    N340  -N343
N35111 -N35114    N35119         N3512          N37              N390
CLEAR-EXIT      PF3-RETURN      PF7-BACK        PF8-FORWARD
    
```

### 3.4.3 Option 3

If the data entered on the initial screen is a procedure code, and the diagnosis code and date of service are not entered, the program displays all of the diagnosis codes with their effective dates related to that procedure code. The Action is the same as the Response Code, which in this case is “0 – APPROVE”.

```

05132014          NCD EDIT MODULE          LEM#0M3
15292140          DISPLAY TABLE            PAGE: 0001
PROCEDURE CODE:  87086
DATE OF SERVICE:  ALL
NCD NUMBER:      190.12
DIAGNOSIS CODES  ACTION              EFFECTIVE DATE    TERMINATION DATE
A021              0 - APPROVE      10/01/2015
A1814             0 - APPROVE      10/01/2015
A34              0 - APPROVE      10/01/2015
A400  - A401     0 - APPROVE      10/01/2015
A403             0 - APPROVE      10/01/2015
A408  - A409     0 - APPROVE      10/01/2015
A4101  - A4102   0 - APPROVE      10/01/2015
A411  - A414     0 - APPROVE      10/01/2015
A4150  - A4153   0 - APPROVE      10/01/2015
A4159           0 - APPROVE      10/01/2015
A4181           0 - APPROVE      10/01/2015
A4189           0 - APPROVE      10/01/2015
A419           0 - APPROVE      10/01/2015
A427           0 - APPROVE      10/01/2015
A5601  - A5602   0 - APPROVE      10/01/2015
A5611           0 - APPROVE      10/01/2015
CLEAR-EXIT      PF3-RETURN      PF7-BACK        PF8-FORWARD
    
```

### 3.4.4 Option 4

If no data is entered on the initial screen, a list of all the procedure codes in the table will be displayed. To display diagnosis codes for a procedure code on the screen, the user may enter 'S' next to a procedure code, i.e. 87536.

05132014 15295797	NCD EDIT MODULE DISPLAY TABLE		LEM#OM4 PAGE: 0001
DATE OF SERVICE: ALL			
S	NCD	PROCEDURE CODE	EFFECTIVE DATE      TERMINATION DATE
-	190.12	87086	11/25/2002
-	190.12	87088	11/25/2002
S	190.13	87536	11/25/2002
-	190.13	87539	11/25/2002
-	190.14	86689	11/25/2002
-	190.14	86701	11/25/2002
-	190.14	86702	11/25/2002
-	190.14	86703	11/25/2002
-	190.14	87390	11/25/2002
-	190.14	87391	11/25/2002
-	190.14	87534	11/25/2002
-	190.14	87535	11/25/2002
-	190.14	87537	11/25/2002
-	190.14	87538	11/25/2002
-	190.15	85004	07/01/2003
-	190.15	85007	11/25/2002
CLEAR-EXIT    PF3-RETURN    PF7-BACK    PF8-FORWARD			

The LEM#OM3 screen is displayed for the procedure code selected, i.e. 87536, with all of the ICD-10-CM diagnosis codes associated with this procedure code as displayed below.

05132014 15303352	NCD EDIT MODULE DISPLAY TABLE		LEM#OM3 PAGE: 0001
PROCEDURE CODE: 87536			
DATE OF SERVICE: ALL			
NCD NUMBER: 190.13			
	DIAGNOSIS CODES	ACTION	EFFECTIVE DATE      TERMINATION DATE
	B20	0 - APPROVE	10/01/2015
	B9735	0 - APPROVE	10/01/2015
	098411 - 098413	0 - APPROVE	10/01/2015
	098419	0 - APPROVE	10/01/2015
	09842 - 09843	0 - APPROVE	10/01/2015
	098511 - 098513	0 - APPROVE	10/01/2015
	098519	0 - APPROVE	10/01/2015
	09852 - 09853	0 - APPROVE	10/01/2015
	098711 - 098713	0 - APPROVE	10/01/2015
	098719	0 - APPROVE	10/01/2015
	09872 - 09873	0 - APPROVE	10/01/2015
	R75	0 - APPROVE	10/01/2015
	Z21	0 - APPROVE	10/01/2015
	R99	3 - DENY LIST 2	10/01/2015
	Z0000 - Z0001	3 - DENY LIST 2	10/01/2015
	Z00110 - Z00111	3 - DENY LIST 2	10/01/2015
CLEAR-EXIT    PF3-RETURN    PF7-BACK    PF8-FORWARD			

If only the date of service is entered, those procedure codes that are effective in the NCD edit module on the date of service will be displayed. On this screen, to display diagnosis codes for a procedure code, the user may enter 'S' next to a procedure code, i.e. 87088.

05132014 15313739	NCD EDIT MODULE DISPLAY TABLE	LEM#OM4 PAGE: 0001	
DATE OF SERVICE: 10/05/2015			
S	NCD PROCEDURE CODE	EFFECTIVE DATE	TERMINATION DATE
-	190.12 87086	11/25/2002	
S	190.12 87088	11/25/2002	
-	190.13 87536	11/25/2002	
-	190.13 87539	11/25/2002	
-	190.14 86689	11/25/2002	
-	190.14 86701	11/25/2002	
-	190.14 86702	11/25/2002	
-	190.14 86703	11/25/2002	
-	190.14 87390	11/25/2002	
-	190.14 87391	11/25/2002	
-	190.14 87534	11/25/2002	
-	190.14 87535	11/25/2002	
-	190.14 87537	11/25/2002	
-	190.14 87538	11/25/2002	
-	190.15 85004	07/01/2003	
-	190.15 85007	11/25/2002	
CLEAR-EXIT PF3-RETURN PF7-BACK PF8-FORWARD			

The LEM#OM2 screen is displayed for the procedure code selected, i.e. 87088, with all of the ICD-10-CM codes associated with this procedure code as of the service date.

05132014 15321906	NCD EDIT MODULE DISPLAY TABLE	LEM#OM2 PAGE: 0001	
PROCEDURE CODE: 87088			
DATE OF SERVICE: 10/05/2015			
NCD NUMBER: 190.12			
---- LIST 1 COVERED DIAGNOSES ----			
A021	A1814	A34	A400 -A401 A403
A408 -A409	A4101 -A4102	A411 -A414	A4150 -A4153 A4159
A4181	A4189	A419	A427 A5601 -A5602
A5611	D65	D700 -D704	D708 -D709 D7289
E0921 -E0922	E0929	E872	E874 F458
G933	J80	K7200 -K7201	K762 M3214 -M3215
M3504	M5489	M549	N000 -N009 N010 -N019
N050 -N059	N060 -N069	N070 -N079	N08 N10
N110 -N111	N118 -N119	N12	N134 -N136 N1370 -N1371
N13721 -N13722	N13729	N13731 -N13732	N13739 N138 -N139
N140 -N144	N150 -N151	N158 -N159	N16 N171 -N172
N186	N200 -N202	N209	N210 -N211 N218 -N219
N22	N23	N280 -N281	N2881 -N2886 N2889
N289	N29	N3000 -N3001	N3010 -N3011 N3020 -N3021
N3030 -N3031	N3040 -N3041	N3080 -N3081	N3090 -N3091 N340 -N343
N35111 -N35114	N35119	N3512	N37 N390
CLEAR-EXIT PF3-RETURN PF7-BACK PF8-FORWARD			

**3.4.5 Possible error messages 1 – 7**

POSSIBLE ERROR 1: When an invalid service date is entered, an error message is displayed at the bottom of the main screen. The day field must be in the range of 01 to 31, the month field must be in the range of 01 to 12, and the year field must be numeric.

```
05132014          ICD10 NCD EDIT MODULE          LEM#0M0
15332556          DISPLAY TABLE

PROCEDURE CODE ==>  87088
DIAGNOSIS CODE ==>  _____
DATE OF SERVICE ==>  40 / 01 / 2012
                    (MM / DD / YYYY)

NCD NUM  ==>
RESPONSE ==>

NCD TABLE DATE: 05/06/14 15.43
CLEAR - EXIT
INVALID DATE ENTERED
```

POSSIBLE ERROR 2: If a diagnosis code is entered and no procedure code is entered, an error message will be displayed at the bottom of the main screen letting the user know a procedure code must be entered.

```
05132014          ICD10 NCD EDIT MODULE          LEM#0M0
15340906          DISPLAY TABLE

PROCEDURE CODE ==>  _____
DIAGNOSIS CODE ==>  A021
DATE OF SERVICE ==>  __ / __ / ____
                    (MM / DD / YYYY)

NCD NUM  ==>
RESPONSE ==>

NCD TABLE DATE: 05/06/14 15.43
CLEAR - EXIT
PROCEDURE CODE MUST BE ENTERED IF DIAG CODE ENTERED
```

POSSIBLE ERROR 3: When a user is in an Option with multiple screens due to the data spanning several screen shots, i.e. multiple pages such as in Option 2, 3, and 4, and the user presses the PF7 or Page Up button for previous screen, a message at the bottom says that the user is already on the first page.

```

05132014          NCD EDIT MODULE          LEM#0M2
15350056          DISPLAY TABLE           PAGE: 0001
PROCEDURE CODE:  87088
DATE OF SERVICE: 10/01/2015
NCD NUMBER:      190.12
---- LIST 1 COVERED DIAGNOSES ----
A021      A1814      A34      A400      -A401      A403
A408      -A409      A4101     -A4102     A411      -A414      A4150     -A4153     A4159
A4181     A4189      A419      A427      A5601     -A5602
A5611     D65      D700     -D704     D708     -D709     D7289
E0921     -E0922     E0929     E872      E874      F458
G933      J80      K7200    -K7201     K762      M3214     -M3215
M3504     M5489     M549      N000     -N009     N010     -N019
N050     -N059     N060     -N069     N070     -N079     N08      N10
N110     -N111     N118     -N119     N12      N134     -N136     N1370     -N1371
N13721   -N13722   N13729   N13731   -N13732   N13739
N140     -N144     N150     -N151     N158     -N159     N16      N171     -N172
N186     N200     -N202     N209     N210     -N211     N218     -N219
N22      N23      N280     -N281     N2881    -N2886     N2889
N289     N29      N3000    -N3001     N3010    -N3011     N3020     -N3021
N3030    -N3031     N3040    -N3041     N3080    -N3081     N3090    -N3091     N340     -N343
N35111   -N35114   N35119   N3512     N37      N390
CLEAR-EXIT  PF3-RETURN  PF7-BACK  PF8-FORWARD
ALREADY AT FIRST PAGE
    
```

POSSIBLE ERROR 4: When a user is in an Option with multiple screens due to the data spanning several screen shots, i.e. multiple pages such as in Option 2, 3, and 4, and the user presses the PF8 or Page Down button for the next screen, a message at the bottom says that there is no more data to be displayed.

```

05132014          NCD EDIT MODULE          LEM#0M4
15361465          DISPLAY TABLE           PAGE: 0004
DATE OF SERVICE:  ALL
S      NCD  PROCEDURE CODE  EFFECTIVE DATE  TERMINATION DATE
-      190.23  84478          11/25/2002
-      190.24  80162          11/25/2002
-      190.25  82105          11/25/2002
-      190.26  82378          11/25/2002
-      190.27  84702          11/25/2002
-      190.28  86304          11/25/2002
-      190.29  86300          11/25/2002
-      190.30  86301          11/25/2002
-      190.31  84153          11/25/2002
-      190.32  82977          11/25/2002
-      190.33  80074          11/25/2002
-      190.34  82272          04/01/2006
CLEAR-EXIT  PF3-RETURN  PF7-BACK  PF8-FORWARD
NO MORE DATA TO DISPLAY
    
```

POSSIBLE ERROR 5: When a procedure code that does not apply to any Lab Edit NCDs is entered on the main screen, a message will be displayed at the bottom that tells the user that the procedure code is not in the NCD.

```
05132014          ICD10 NCD EDIT MODULE          LEM#0M0
15365193          DISPLAY TABLE

PROCEDURE CODE ==> 32179

DIAGNOSIS CODE ==> _____

DATE OF SERVICE ==> ___ / ___ / _____
                    (MM / DD / YYYY)

NCD NUM  ==>

RESPONSE ==>          1 - NOT APPLICABLE

NCD TABLE DATE: 05/06/14 15.43
CLEAR - EXIT
THIS PROCEDURE CODE IS NOT IN NCD
```

POSSIBLE ERROR 6: When a service date is entered that is invalid because it is before October 1, 2015, a response code of “1 — NOT APPLICABLE” will appear on the screen with the error message at the bottom of the screen.

```
05132014          ICD10 NCD EDIT MODULE          LEM#0M0
15375971          DISPLAY TABLE

PROCEDURE CODE ==> 87086

DIAGNOSIS CODE ==> A042

DATE OF SERVICE ==> 12 / 21 / 2012
                    (MM / DD / YYYY)

NCD NUM  ==>

RESPONSE ==>          1 - NOT APPLICABLE

NCD TABLE DATE: 05/06/14 15.43
CLEAR - EXIT
SERVICE DATE < 10/2015
```

POSSIBLE ERROR 7: When an invalid service year is entered, an error message is displayed at the bottom of the main screen. The year field must be within two years of the year of the session.

```

05132014          ICD10 NCD EDIT MODULE          LEM#0M0
15390244          DISPLAY TABLE

PROCEDURE CODE ==>  87086
DIAGNOSIS CODE ==>  A021
DATE OF SERVICE ==>  10 / 01 / 2017
                    (MM / DD / YYYY)

NCD NUM  ==>
RESPONSE ==>

NCD TABLE DATE: 05/06/14 15.43
CLEAR - EXIT
SERVICE DATE IS MORE THAN 2 YEARS AFTER SESSION DATE
    
```

### 3.5 Program Navigation

Table 4 contains the methods used to navigate through the NCD online screens.

**Table 4: NCD Online Screen Navigation**

<i>If key selected is...</i>	<i>Then</i>
Clear	The <CLEAR> key will terminate the program from any screen.
PF3	The <PF3> key will return to the previous screen. If there is no previous screen, the program ends.
PF7	The <PF7> key will page to the previous screen of data.
PF8	The <PF8> key will page to the next screen of data.

Please also note that if a severe error occurs in CICS, enter the text “MENU” and press enter to return to the main CICS menu.

### 3.6 Exiting the Program

When the program ends, control will be returned to CICS (if entered directly from CICS) or to the STARTing program, depending on the method that started the online process. If the program was STARTed from another program, the RETURN-TRANSID will be started with a START command.

## 4 INSTALLATION PROCEDURES

The load modules are delivered to the CMS data center for retrieval by the standard system maintainers. The modules are in a partitioned dataset and the load modules have a block size of 32760 and RECFM=U. If a START command will be used to enter LEM#OP1 or LEM#OP2, install the communications area copybook in the programs that will start the module. This communications area is described in section 0 above.

### 4.1 Install the Processing Program Table (PPT) entries for CICS modules

Table 5 contains the Processing Program Table (PPT) entries to be added.

**Table 5: PPT Entries**

Program ID	Language	Usage
LEM#OP1	COBOL	
LEM#OP2	COBOL	
LEM#OM0	ASM	MAP
LEM#OM9	ASM	MAP
LEM#OM2	ASM	MAP
LEM#OM3	ASM	MAP
LEM#OM4	ASM	MAP
LEM#TAB9	ASM	
LEM#TAB0	ASM	

### 4.2 Install the Program Control Table (PCT) entry for CICS modules

Table 6 contains the Program Control Table (PCT) entries to be added.

**Table 6: PCT Entries**

Transid	Program
LEM9	LEM#OP1
LEM0	LEM#OP2

### 4.3 Install the load modules in the load library

Table 7 contains the load modules to be installed.

**Table 7: Load Modules**

<b>Program ID</b>
LEM#OP1
LEM#OP2
LEM#OM9
LEM#OM0
LEM#OM2
LEM#OM3
LEM#OM4
LEM#TAB9
LEM#TAB0

### Lab Edit Changes to All Programs: Batch/CICS and CICS Online Query

Date Completed	Process	Description of Change	Policy Decision to be Received from CMS	Date Requested	From whom	Effects on Elements
06/22/2012	Batch/CICS	First delivery of original batch programs	n/a	n/a	n/a	Yes - added to elements
07/31/2012	Batch/CICS	Convert all diagnosis codes to upper case. Programs affected include LEM#TAB0, LEM#MP1.	No - technical issue	Discovered during testing CICS Online Query, decided to match Batch/CICS	Fu	No
07/31/2012	CICS Online Query	First delivery of original CICS programs (map copylibs start with LEMP instead of LEM# due to compile issues, and LEM#OP9 and LEM#OP0 replace LEM#OP1 to have separate screens)	n/a	n/a	n/a	No
08/09/2012	CICS Online Query	Fix dates displayed on main screen	No - technical issue	08/08/2012	Sheila	No
08/15/2012	Batch/CICS	Fix the table load with filler 72 for batch program (LEM#MC4 changed)	No - technical issue	08/13/2012	Sheila	No
09/11/2012	Batch/CICS	Scenario A: blank indicator and diag count = 0 (from Sheila)	Yes- what is the appropriate response code (response code 5 issues from Sheila)? SOC4 Error - Maintainers will enter a default value of '9'	09/04/2012	Sheila	Yes - blank indicator added to possible values for indicator
09/11/2012	Batch/CICS	Scenario B: blank indicator and diag count > 0 (from Victor) (discussed - scenario not likely)	Yes- What is appropriate response code? Should diagnosis codes be used to determine the indicator? - No SOC7 Error	09/06/2012	Victor	No - already added blank indicator in above issue
09/11/2012	Batch/CICS	The Batch program needs a CICS version, which used to be VNCXX001. It will match LEM#MP1, but have CICS commands.	No- technical issue Workaround to have a separate Batch and CICS program that does the same process.	09/10/2012	FISS	Yes - crosswalk to new program LEM#BP1 from VNCXX001.

**Lab Edit Changes to All Programs: Batch/CICS and CICS Online Query**

<b>Date Completed</b>	<b>Process</b>	<b>Description of Change</b>	<b>Policy Decision to be Received from CMS</b>	<b>Date Requested</b>	<b>From whom</b>	<b>Effects on Elements</b>
9/18/2012 then 12/21/12 (see Element #16)	CICS Online Query	Batch/CICS to have same response codes as CICS Online Query (apply service dates to CICS process)	No - two processes need to have identical response codes else causes confusion.	08/30/2012	LeAnn	Yes - new specification for CICS process, which was not true for the original received version
9/18/2012 then 12/21/12	CICS Online Query	Modify LEM#OM9 from ICD9 to ICD-9-CM and LEM#OM0 from ICD10 to ICD-10-CM.	No - display issue.	09/14/2012	Susan	No
9/18/2012 (changed 9/26/12)	CICS Online Query	Enlarge page number field to 3 digits.	No - technical display issue.	09/15/2012	Pam Webb	No
09/26/2012	CICS Online Query	Deliver program with only third change from 9/18/2012 change above and include 4 digits for the page number.	No - technical display issue.	09/25/2012	Tammy Amendola/MCS	No
12/14/2012	Batch/CICS	Elements #9 (10/1/2014), #12 (default table), #13 (load tables once), #6,#7,#15 (compile options)	review from CMS and systems maintainers, John Patti	week of 11/12/2012	team requests	Yes
12/21/2012	CICS Online Query	Elements #9 (10/1/2014 change), #14(year cutoff), #6,#7,#15 (compile options), #16 (service date checking)	review from CMS and systems maintainers, John Patti, Ed Rausch	week of 11/12/2012	team requests	Yes
05/06/2013	CICS Online Query	Element #17 "INVALID DATE ENTERED" changed to show the 2 year window messages: "SERVICE DATE MORE THAN 2 YEARS BEFORE SESSION DATE" or "SERVICE DATE MORE THAN 2 YEARS AFTER SESSION DATE" when appropriate.	CMS team approved the change on the conference call on 4/18/2013.	4/18/2013	HP	Yes
05/06/2013	CICS Online Query	Element #17 "SERVICE DATE < 11/2002 OR > 10/2014" modified to "SERVICE DATE < 11/25/2002 OR > 9/30/2014".	Fu made the error message clear.	04/25/2013	Fu	Yes
06/10/2013	Batch/CICS	Element # 18 Code modification for LEM#BP1.	CICS EXEC RETURN replaced with GOBACK at the end of the program.	06/07/2013	Bill McCune of FISS	Yes

### Lab Edit Changes to All Programs: Batch/CICS and CICS Online Query

Date Completed	Process	Description of Change	Policy Decision to be Received from CMS	Date Requested	From whom	Effects on Elements
12/06/2013	Batch/CICS	Element #19 LEM#TAB0 revised, tested, and delivered as a new load module to maintainers 1/	LEM#TAB0 updated to reflect GEM 2014, file received from CMS on 12/2/13	12/02/2013	CMS	Yes
05/19/2014	CICS Online Query	Element #20 Hardcoded dates changed to 10/01/2015 for ICD10 and end dates for ICD9 changed to 09/30/15, and Online Inquiry Documentation to be revised	ICD10 delayed until 10/01/2015	04/30/2014	CMS	Yes
05/19/2014	Batch/CICS	Element #20 Hardcoded dates changed to 10/01/2015 for ICD10 and end dates for ICD9 changed to 09/30/15	ICD10 delayed until 10/01/2015	04/30/2014	CMS	Yes

<sup>1</sup> Expired CPT codes have been removed from LEM#TAB0 as of 12/6/2013.

- 190.15,PROC=85021,EXP=2003090
- 190.15,PROC=85022,EXP=2003090
- 190.15,PROC=85023,EXP=2003090
- 190.15,PROC=85024,EXP=2003090
- 190.15,PROC=85031,EXP=2003090
- 190.15,PROC=85590,EXP=2003090
- 190.15,PROC=85595,EXP=2003090
- 190.23,PROC=83715,EXP=2006090
- 190.23,PROC=83716,EXP=2006090
- 190.34,PROC=G0394,EFF=2007091,X EXP=2009273
- 190.34,PROC=82270,EXP=2006090

LEM NAME	LEM#TAB9	LEM#TAB0	LEM#MP2	LEM#MP3	LEM#MP1	LEM#BP1	LEM#MC1	LEM#MC2	LEM#MC3	LEM#OP1	LEM#OP2	LEM#OC1	LEM#OC2	LEM#MC4	LEMPOL9	LEMPOL0	LEMPOL2	LEMPOL3	LEMPOL4	LEM#OM9	LEM#OM0	LEM#OM2	LEM#OM3	LEM#OM4
Description	Assembler program for ICD-9 table	Assembler program for ICD-10 table	Assembler program to call LEM#TAB9	Assembler program to call LEM#TAB0	Claims processing program	CICS version claim processing program	Copylib for claims record	Copylib for CPT table (used by batch & query) replaced by LEM#MC4	Copylib for Diag table (used by batch & query)	Online query cobol/cics program for ICD-9	Online query cobol/cics program for ICD-10	Copylib called by LEM#OP1 & LEM#OP2	Copylib called by LEM#OP1 & LEM#OP2	Copylib for CPT table (used by batch & query)	Copylib for LEM#OP1	Copylib for LEM#OP2	Copylib for LEM#OP1 & LEM#OP2	Copylib for LEM#OP1 & LEM#OP2	Copylib for LEM#OP1 & LEM#OP2	Map for LEM#OP1	Map for LEM#OP2	Map for LEM#OP1 & LEM#OP2	Map for LEM#OP1 & LEM#OP2	Map for LEM#OP1 & LEM#OP2
Versions	listing, compiled	listing, compiled	listing, compiled	listing, compiled	listing, compiled	needed by FISS	source (layout)	source (layout)	source (layout)	listing, compiled	listing, compiled	listing, compiled	listing, compiled	source (layout)	source (layout)	source (layout)	source (layout)	source (layout)	source (layout)	listing, compiled	listing, compiled	listing, compiled	listing, compiled	listing, compiled
#1 ICD-9 or ICD-10 claims data indicator (9 or 0 or blank) - Completed: 6/22/2012	no	no	no	no	yes	yes	yes	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
#2 Diagnosis code length change from 5 to 7 characters - Completed: 6/22/2012	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	yes	yes	yes	no	yes	yes	no	yes	no	yes	yes	no	yes	no
#3 Expand to 30 diagnosis codes - Completed: 6/22/2012	no	no	no	no	yes	yes	yes	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
#4 Expand from 2,500 to 25,000 codes for each NCD - Completed: 6/22/2012	no	no	yes	yes	yes	yes	no	no	no	no	yes	no	no	no	no	no	no	no	no	no	no	no	no	no
#5 Change names internally (for program calls) - Completed: 6/22/2012	no	no	yes	yes	yes	yes	no	no	no	yes	yes	no	no	no	no	no	no	no	no	yes	yes	yes	yes	yes
#6 Re-entrant compile & linkage - Completed: 12/21/2012	RENT	RENT	NORENT	NORENT	RENT	RENT	n/a	n/a	n/a	RENT	RENT	RENT	RENT	n/a	n/a	n/a	n/a	n/a	n/a	RENT	RENT	RENT	RENT	RENT
#7 31 bit processing - Completed: 12/21/2012	AMODE= 31	AMODE= 31	AMODE= 31	AMODE= 31	AMODE= 31	AMODE= 31	n/a	n/a	n/a	AMODE= 31	AMODE= 31	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	AMODE= 31	AMODE= 31	AMODE= 31	AMODE= 31	AMODE= 31
#8 Able to enter lower & upper case for characters - Completed: 7/31/2012 <sup>11</sup>	n/a	yes	n/a	n/a	yes	yes	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no

LEM NAME	LEM#TAB9	LEM#TAB0	LEM#MP2	LEM#MP3	LEM#MP1	LEM#BP1	LEM#MC1	LEM#MC2	LEM#MC3	LEM#OP1	LEM#OP2	LEM#OC1	LEM#OC2	LEM#MC4	LEMPOL9	LEMPOL0	LEMPOL2	LEMPOL3	LEMPOL4	LEM#OM9	LEM#OM0	LEM#OM2	LEM#OM3	LEM#OM4
Description	Assembler program for ICD-9 table	Assembler program for ICD-10 table	Assembler program to call LEM#TAB9	Assembler program to call LEM#TAB0	Claims processing program	CICS version claim processing program	Copylib for claims record	Copylib for CPT table (used by batch & query) replaced by LEM#MC4	Copylib for Diag table (used by batch & query)	Online query cobol/cics program for ICD-9	Online query cobol/cics program for ICD-10	Copylib called by LEM#OP1 & LEM#OP2	Copylib called by LEM#OP1 & LEM#OP2	Copylib for CPT table (used by batch & query)	Copylib for LEM#OP1	Copylib for LEM#OP2	Copylib for LEM#OP1 & LEM#OP2	Copylib for LEM#OP1 & LEM#OP2	Copylib for LEM#OP1 & LEM#OP2	Map for LEM#OP1	Map for LEM#OP2	Map for LEM#OP1& LEM#OP2	Map for LEM#OP1& LEM#OP2	Map for LEM#OP1& LEM#OP2
#9 Update end date of ICD-9 & start date of ICD-10 - Completed: 12/21/12 <sup>12</sup>	yes	yes	no	no	yes	yes	no	no	no	yes	yes	no	no	no	no	no	no	no	no	no	no	no	no	no
#10 Make CICS program response codes match Batch program response codes - Completed: 12/21/12	no	no	no	no	no	no	no	no	no	yes	yes	no	no	no	no	no	no	no	no	no	no	no	no	no
#11 Create a CICS version of the Batch program LEM#MP1 for FISS - Completed: 12/21/12	no	no	no	no	no	yes	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
#12 Set ICD-9 table as default table for blank/stray characters - Completed: 12/21/12	no	no	no	no	yes	yes	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
#13 Load LEM#TAB9 & LEM#TAB0 once - Completed: 12/14/2012	no	no	no	no	yes	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
#14 Set cutoff to 2 years after date of Online Inquiry Session - Completed: 12/21/2012	no	no	no	no	no	no	no	no	no	yes	yes	no	no	no	no	no	no	no	no	no	no	no	no	no
#15 RMODE ANY setting for compile - Completed: 12/21/2012	RMODE= ANY	RMODE= ANY	RMODE= ANY	RMODE= ANY	RMODE= ANY	RMODE= ANY	no	no	no	RMODE= ANY	RMODE= ANY	no	no	no	no	no	no	no	no	RMODE= ANY	RMODE= ANY	RMODE= ANY	RMODE= ANY	RMODE= ANY

LEM NAME	LEM#TAB9	LEM#TAB0	LEM#MP2	LEM#MP3	LEM#MP1	LEM#BP1	LEM#MC1	LEM#MC2	LEM#MC3	LEM#OP1	LEM#OP2	LEM#OC1	LEM#OC2	LEM#MC4	LEMPOL9	LEMPOL0	LEMPOL2	LEMPOL3	LEMPOL4	LEM#OM9	LEM#OM0	LEM#OM2	LEM#OM3	LEM#OM4
Description	Assembler program for ICD-9 table	Assembler program for ICD-10 table	Assembler program to call LEM#TAB9	Assembler program to call LEM#TAB0	Claims processing program	CICS version claim processing program	Copylib for claims record	Copylib for CPT table (used by batch & query) replaced by LEM#MC4	Copylib for Diag table (used by batch & query)	Online query cobol/cics program for ICD-9	Online query cobol/cics program for ICD-10	Copylib called by LEM#OP1 & LEM#OP2	Copylib called by LEM#OP1 & LEM#OP2	Copylib for CPT table (used by batch & query)	Copylib for LEM#OP1	Copylib for LEM#OP2	Copylib for LEM#OP1 & LEM#OP2	Copylib for LEM#OP1 & LEM#OP2	Copylib for LEM#OP1 & LEM#OP2	Map for LEM#OP1	Map for LEM#OP2	Map for LEM#OP1& LEM#OP2	Map for LEM#OP1& LEM#OP2	Map for LEM#OP1& LEM#OP2
#16 Apply date checking to Online Inquiry System - Completed: 12/21/2012	no	no	no	no	no	no	no	no	no	yes	yes	no	no	no	no	no	no	no	no	no	no	no	no	no
#17 Refinement of 2 year service date error messages - Completed: 5/6/2013	no	no	no	no	no	no	no	no	no	yes	yes	no	no	no	no	no	no	no	no	no	no	no	no	no
#18 Code modification for LEM#BP1. RETURN replaced with GOBACK - Completed: 6/10/2013 2/	no	no	no	no	no	yes	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
#19 Update of ICD-10 for GEM 2014 - Completed 12/6/13	no	yes	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no	no
#20 Update end date of ICD-9 & start date of ICD-10 - To be Completed: 5/19/14	yes	yes	no	no	yes	yes	no	no	no	yes	yes	no	no	no	no	no	no	no	no	no	no	no	no	no

/1 CICS Option: UCTRAN set to YES for the both

/2 YELLOW = Current Deliverable.