

# COMPdata ICD-10 Transition Guide



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<b>What is COMPdata?</b>	<p>For over 25 years, COMPdata has been the most innovative Health Care information solution for over 500 hospitals and health systems, state hospital associations, and state data agencies. COMPdata provides timely data and information analysis tools empowering you with actionable knowledge.</p> <ul style="list-style-type: none"> <li>• COMPdata offers data collection, processing, and feedback reporting services for inpatient, swing bed, outpatient surgical, emergency department, observation care, imaging, diagnostic, and all other outpatient data.</li> <li>• COMPdata collects patient information from facilities in the following states, in accordance with each state's requirements: Illinois and Montana.</li> <li>• COMPdata staff members are committed to doing everything we can to help you through the demanding data submission process. Use this manual to understand and fulfill your role in data reporting.</li> </ul>
<b>Understanding Data Uses</b>	<p>The most critical component in utilizing information is the underlying data from which the information is derived. The integrity and usefulness of the COMPdata information based upon the accurate and complete reporting of the data by each individual facility. The output of the data collection system provides details that will enable facilities to better service their community needs and provide comparative analysis of the delivery of health care.</p> <p>Administrative data uses:</p> <ul style="list-style-type: none"> <li>• Data Used by Multiple State and Federal Governmental Agencies</li> <li>• Utilized for Facility Internal Analysis</li> <li>• Depending Upon State - Used for Certificate of Need (CON) Review</li> <li>• Expansion of Services and Technology May Be Denied if Data Doesn't Justify the Need</li> <li>• In Many States Data is Made Public</li> <li>• By State Association or Governmental Agency</li> <li>• Insufficient/Incomplete Data Submissions Affect Advocacy With State Legislature</li> <li>• Readmission Reports</li> </ul>

<h2>ICD Crosswalk</h2>	<p>COMPdata created an ICD Crosswalk Tool to assist users in transitioning from ICD-9 to ICD-10. CMS's general equivalence mapping (GEMs) were used to assist in identifying possible translations of ICD codes.</p>
<h2>How to Access ICD Crosswalk</h2>	<p>The ICD Crosswalk can be found on the COMPdata Report Tools screen. Follow these steps to access it:</p> <ol style="list-style-type: none"> <li>1. Go to <a href="http://www.compdatainfo.com">http://www.compdatainfo.com</a></li> <li>2. Click Login</li> <li>3. Click Report Tools</li> <li>4. Click ICD-10 Crosswalk button (see screen below)</li> </ol>  <p>The screenshot shows the COMPdata Informatics website interface. On the left, there is a sidebar with several buttons: Home, News and Updates, Facts and Figures, Resources, Report Catalogue, Training Documents, Training Videos, ICD-10 Crosswalk (highlighted with a red rectangle), My Account, and Logoff. The main content area features the 'Informatics Mission Statement' and a graphic of a bar chart with a pen. At the bottom, there is a footer with contact information and a copyright notice for 2016 Hospital Industry Data Institute.</p>
<h2>Searching ICD Codes</h2>	<p>The ICD Crosswalk looks for codes in multiple ways:</p> <ul style="list-style-type: none"> <li>- Forward mapping (ICD-9 to ICD-10)</li> <li>- Backward map (ICD-10 to ICD-9)</li> <li>- Searches by keyword of code description</li> <li>- Searches by approximate code matching (partial code or keyword)</li> </ul> <p>The search results can be exported into a CSV file for use with the COMPdata Reporting Tool.</p>

## ICD Crosswalk Screen

Choose your crosswalk search type selection and input values into the search box. The Crosswalk has searching features to aid your search:

- Use a space between values to search for multiple codes or keywords
- Up to 200 codes or keywords can be submitted
- Use \* to match any character(s)
  - o Example: searching for 250\* will return all codes starting with 250
- Use # to match exactly one character
  - o Example: searching for 1#30 will return codes 1030, 1130, and 1230; but not 17330
- Lookup by Keyword can be done using a keyword or code
  - o Example: Lookup ICD10 by keyword "turtle" or code Z631
- 10,000 results is the maximum number returned in a search
- Enable "approximate code matching" if your query returns no results

Illinois Hospital Association ICD9-ICD10 Crosswalk

Crosswalk: ☒ ICD9 to ICD10 ☐ ICD10 to ICD9 ☐ Lookup ICD9 ☐ Lookup ICD10

Lookup by Keyword: Enter code to convert or keyword(s) to lookup the code.

☐ Enable approximate code matching

ICD9	ICD10 ↓	Type	Description
No results			

Please note:

- Multiple codes or keywords must be space-separated
- Up to 200 codes or keywords can be submitted per search
- Use \* to match any character(s), e.g. ICD9 to ICD10 crosswalk of code E928\* will return all codes that begin with E928
- Use # to match exactly one character, e.g. ICD9 to ICD10 crosswalk of code 1#30 will match codes 1030, 1230, etc. but not 17330
- Lookup by Keyword can be done using keyword or code, e.g., ICD10 lookup by keyword "turtle" or code Z631
- At most 10000 results will be returned
- If your query returned no results, try to enable "approximate code matching"

For help or to make suggestions about how to improve ICD9-10 crosswalk, please contact: [COMPdata@ihastaff.org](mailto:COMPdata@ihastaff.org)

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## Crosswalk Screen Functions

Crosswalk search results can be sorted on the table headers. This allows for possible grouping of code ranges and/or similar descriptions.

Illinois Hospital Association ICD9-ICD10 Crosswalk

Crosswalk: ☒ ICD9 to ICD10 ☐ ICD10 to ICD9

Lookup by Keyword:

☐ Enable approximate code matching

ICD9	ICD10 ↓	Type	Description
25012	E1310	diag.	Other specified diabetes mellitus with ketoacidosis without coma
25010	E1310	diag.	Other specified diabetes mellitus with ketoacidosis without coma
25000	E119	diag.	Type 2 diabetes mellitus without complications
25090	E118	diag.	Type 2 diabetes mellitus with unspecified complications
25092	E118	diag.	Type 2 diabetes mellitus with unspecified complications
25082	E1169	diag.	Type 2 diabetes mellitus with other specified complication
25080	E1169	diag.	Type 2 diabetes mellitus with other specified complication
25010	E1169	diag.	Type 2 diabetes mellitus with other specified complication
25012	E1169	diag.	Type 2 diabetes mellitus with other specified complication
25012	E1165	diag.	Type 2 diabetes mellitus with hyperglycemia
25092	E1165	diag.	Type 2 diabetes mellitus with hyperglycemia
25062	E1165	diag.	Type 2 diabetes mellitus with hyperglycemia
25042	E1165	diag.	Type 2 diabetes mellitus with hyperglycemia
25002	E1165	diag.	Type 2 diabetes mellitus with hyperglycemia

Found: 104 records

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## Downloading Crosswalk Results

Crosswalk results can be downloaded in a CSV file through the blue "Download Results (CSV)" button in the bottom right hand corner of the results table.

Illinois Hospital Association ICD9-ICD10 Crosswalk

Crosswalk: ☒ ICD9 to ICD10 ☐ ICD10 to ICD9

Lookup by Keyword:

☐ Enable approximate code matching

ICD9	ICD10 ↓	Type	Description
25012	E1310	diag.	Other specified diabetes mellitus with ketoacidosis without coma
25010	E1310	diag.	Other specified diabetes mellitus with ketoacidosis without coma
25000	E119	diag.	Type 2 diabetes mellitus without complications
25090	E118	diag.	Type 2 diabetes mellitus with unspecified complications
25092	E118	diag.	Type 2 diabetes mellitus with unspecified complications
25082	E1169	diag.	Type 2 diabetes mellitus with other specified complication
25080	E1169	diag.	Type 2 diabetes mellitus with other specified complication
25010	E1169	diag.	Type 2 diabetes mellitus with other specified complication
25012	E1169	diag.	Type 2 diabetes mellitus with other specified complication
25012	E1165	diag.	Type 2 diabetes mellitus with hyperglycemia
25092	E1165	diag.	Type 2 diabetes mellitus with hyperglycemia
25062	E1165	diag.	Type 2 diabetes mellitus with hyperglycemia
25042	E1165	diag.	Type 2 diabetes mellitus with hyperglycemia
25002	E1165	diag.	Type 2 diabetes mellitus with hyperglycemia

Found: 104 records

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## ICD Filter Tables

ICD Diagnosis and Procedure code tables have been updated to include ICD-9 and ICD-10 codes. This will allow users to include ICD-9 and ICD-10 codes in the same search criteria for trending across the transition time period.

ICD Diagnosis and Procedure Filter and Sort functionality has not changed with the ICD-10 transition.

For example, searching for Diabetes codes across the ICD transition will need to include both sets of codes. Diabetes definitions include ICD-9 codes starting with 250 and ICD-10 codes starting with E11 (other codes may also be included). Both search values return results, and can be added to the choice column as seen below.

Enter Diagnosis ICD - Principal Value(s)

Keywords:  
Type one or more keywords separated by spaces.

250 e11 Search

Options

Values:

- 25000 - DMII WO CMP NT ST UNCNTR
- 25001 - DMII WO CMP NT ST UNCNTRL
- 25002 - DMII WO CMP UNCNTRLD
- 25003 - DMII WO CMP UNCNTRLD
- 25010 - DMII KETO NT ST UNCNTRLD
- 25011 - DMII KETO NT ST UNCNTRLD
- 25012 - DMII KETOACD UNCONTROLD
- 25013 - DMII KETOACD UNCONTROLD
- 25020 - DMII HPRSM NT ST UNCNTRL

Select all Deselect all

Choice:

- E1100 - TYPE 2 DIAB W HYPROSM W/O NONKET HYPRGLY-HYPROS COMA (NKHHC)
- E1101 - TYPE 2 DIABETES MELLITUS WITH HYPEROSMOLARITY WITH COMA
- E1121 - TYPE 2 DIABETES MELLITUS WITH DIABETIC NEPHROPATHY
- E1122 - TYPE 2 DIABETES MELLITUS W DIABETIC CHRONIC KIDNEY DISEASE
- E1129 - TYPE 2 DIABETES MELLITUS W OTH DIABETIC KIDNEY COMPLICATION
- E11311 - TYPE 2 DIABETES W UNSP DIABETIC RETINOPATHY W MACULAR EDEMA
- E11319 - TYPE 2 DIABETES W UNSP DIABETIC RTNOP W/O MACULAR EDEMA
- E11321 - TYPE 2 DIAB W MILD NONPRLF DIABETIC RTNOP W MACULAR EDEMA
- E11329 - TYPE 2 DIAB W MILD NONPRLF DIABETIC RTNOP W/O MACULAR EDEMA

Select all Deselect all

ICD Procedures can be searched in the same manner when using the appropriate Procedure filter.

## ICD Sort Levels

ICD Diagnosis and Procedure code tables have been updated to include ICD-9 and ICD-10 codes.

Sort levels will contain results for both ICD code sets if results contain values across the ICD transition time period.

## ICD Facility Defined Groups

ICD Diagnosis and Procedure code tables have been updated to include ICD-9 and ICD-10 codes.

Facility Defined Groups can be created with both ICD code sets, similar to ICD Filters.

<b>Patient Setting: Rehabilitation</b>	<p>The ICD-10 transition appears to be causing a downward shift in the number of rehabilitation MS-DRGs. Starting with 10/01/2015 discharges, COMPdata has created a new patient setting to help determine rehabilitation cases. The rehabilitation revenue codes are:</p> <ul style="list-style-type: none"> <li>- 0118: Private bed</li> <li>- 0128: 2 bed room</li> <li>- 0138: 3 or 4 bed room</li> <li>- 0148: Deluxe private</li> </ul> <p>The rehabilitation patient setting can be added as a filter.</p>
<b>Diagnosis Groupings</b>	<p>COMPdata includes a Diagnosis Grouper based on the chapters in the ICD code book. The Diagnosis Grouper has been updated to include ICD-10 code definitions. ICD-9 and ICD-10 definitions can be found at the link below:</p> <p><a href="#">ICD-10 Diagnosis Grouping</a></p>
<b>Clinical Conditions</b>	<p>COMPdata includes Hospital Acquired Conditions (HACs) and AHRQ Quality Indicators in the Clinical Condition report and dashboard. CMS and AHRQ have updated their code definitions for ICD-10. These updates are included in COMPdata.</p> <p>Please note: HAC #5 Falls and Trauma was separated into six sub-categories with ICD-9. Falls and Trauma will be combined into one measure for ICD-10.</p> <p>Code definitions and information on the Clinical Condition measures can be found at the links below:</p> <p><a href="#">ICD-10 CMS HAC List</a></p> <p><a href="#">AHRQ Quality Indicator List</a></p>



<b>Clinical Classifications Software (CCS)</b>	<p>Healthcare Cost and Utilization Project created the Clinical Classifications Software (CCS) as a tool to classify diagnosis codes into clinically meaningful categories. COMPdata offers this coding as a service line methodology as filters and sort levels. ICD-9 CCS codes have 4 levels of detail. ICD-10 CCS codes have 2 levels of detail. Information on CCS coding can be found at the following website (please copy and paste url into a browser):</p> <p><b>ICD-10 Clinical Classifications Software:</b> <a href="https://www.hcup-us.ahrq.gov/toolssoftware/ccs10/ccs10.jsp">https://www.hcup-us.ahrq.gov/toolssoftware/ccs10/ccs10.jsp</a></p>
<b>Chronic Condition Indicator (CCI)</b>	<p>Healthcare Cost and Utilization Project created the Chronic Conditions Indicator (CCI) as a software tool to categorize chronic diagnosis codes. COMPdata uses this indicator in the Chronic Condition report with ICD-9 diagnosis codes, and has added it for ICD-10 diagnosis codes. Information on the CCI coding can be found at the following website (please copy and paste url into a browser):</p> <p><b>ICD-10 Chronic Condition Indicator:</b> <a href="https://www.hcup-us.ahrq.gov/toolssoftware/chronic_icd10/chronic_icd10.jsp">https://www.hcup-us.ahrq.gov/toolssoftware/chronic_icd10/chronic_icd10.jsp</a></p>
<b>External Cause Codes</b>	<p>External Cause Codes were defined as “E Codes” for ICD-9. The mnemonic has changed to “ECM” or “External Cause Codes” for ICD-10’s External Causes of Morbidity and Mortality.</p>
<b>ICD Transition Training Videos</b>	<p>A 3-part video series was created using diabetes and knee replacement ICD codes to illustrate how data analysis will change with the ICD transition. The <a href="#">ICD-10 Focus Report</a> videos are divided into these parts:</p> <p>Part 1: Finding New Code Groupings</p> <p>Part 2: Using COMPdata’s ICD Crosswalk</p> <p>Part 3: Analyzing Across ICD Transition</p>
<b>Additional Resources</b>	<p>Here are additional links from CMS to help you with the ICD transition:</p> <p><a href="#">ICD-10 Basics</a></p> <p><a href="#">GEMs</a></p> <p>Healthcare Cost and Utilization Project Tools: <a href="https://www.hcup-us.ahrq.gov/tools_software.jsp">https://www.hcup-us.ahrq.gov/tools_software.jsp</a></p>



## **CONTACT INFORMATION**

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