

# Medical University of South Carolina Clinical Data Warehouse for Research DATA DICTIONARY FOR COHORT SEARCH

Report Counts	Contains the available metrics (count, minimum, maximum, average)	
DATA ELEMENTS	DESCRIPTION	SOURCE SYSTEM *
Diagnosis Count	The number of diagnoses meeting the filter criteria.	Keane ↔ Oacis ↔ CDW or EPIC Clarity
LOS (Avg)	Average length of stays meeting the filter criteria.	Keane ↔ Oacis ↔ CDW or EPIC Clarity
LOS (Max)	Maximum length of stays meeting the filter criteria.	Keane ↔ Oacis ↔ CDW or EPIC Clarity
LOS (Median)	Median length of stays meeting the filter criteria.	Keane ↔ Oacis ↔ CDW or EPIC Clarity
LOS (Min)	Minimum length of stays meeting the filter criteria.	Keane ↔ Oacis ↔ CDW or EPIC Clarity
Patient Count	Number of patients meeting the filter criteria.	Keane ↔ Oacis ↔ CDW or EPIC Clarity
Patient Expired Count	The number of expired patients meeting the filter criteria.	Keane ↔ Oacis ↔ CDW or EPIC Clarity
Patient Visit Count	Number of visits or individual encounters meeting the filter criteria.	Keane ↔ Oacis ↔ CDW or EPIC Clarity
Procedure Count	Number of procedures meeting the filter criteria.	Keane ↔ Oacis ↔ CDW or EPIC Clarity
Result (Max)	Maximum results meeting the filter criteria.	Cerner ↔ Oacis ↔ CDW or EPIC Clarity
Result (Min)	Minimum results meeting the filter criteria.	Cerner ↔ Oacis ↔ CDW or EPIC Clarity
Result Count	The number of results meeting the selection criteria.	Cerner ↔ Oacis ↔ CDW or EPIC Clarity
Rx Admin Count	Number of administered prescriptions meeting filter criteria.	McKesson AdminRx ↔ Oacis ↔ CDW or EPIC Clarity
Rx Order Count	Number of ordered prescriptions meeting the filter criteria.	McKesson Pharmacy Mgmt System ↔ Oacis ↔ CDW or EPIC Clarity

*\* Data prior to July 1, 2014 is from Oacis and after July 1, 2014 is from EPIC Clarity. The MUSC data warehouse is updated once a day.*

<b>Report Attributes</b>	<b>Contains the available columns or fields that appear on the report. The order of selection is the order of appearance. The up/down arrows to the right can be used to manage the order.</b>	
<b>DATA ELEMENTS</b>	<b>DESCRIPTION</b>	<b>SOURCE SYSTEM *</b>
Admit Source	Examples: <ul style="list-style-type: none"> <li>• 1 – Non-healthcare Facility Point of Origin</li> <li>• 2 – Clinic or Physician’s Office</li> <li>• 4 – Transfer From a Hospital (Different Facility)</li> <li>• 6 – Transfer From Another Healthcare Facility</li> <li>• 8 – Court/Law Enforcement</li> <li>• F – Transfer From Hospice Facility</li> </ul>	CDW or EPIC Clarity
Admit Type	Admission classifications: <ul style="list-style-type: none"> <li>• 1 – Emergency</li> <li>• 2 – Urgent</li> <li>• 3 – Elective</li> <li>• 4 – Newborn</li> <li>• 5 – Trauma</li> <li>• 9 – Information Not Available</li> </ul>	CDW or EPIC Clarity
Admit Year	Year of admission date for inpatients. Year of the visit or encounter for outpatients and emergency patients.	Keane↔Oacis↔CDW or EPIC Clarity
CPT Codes	Current Procedures Terminology (CPT) is a system developed by the American Medical Association for standardizing the terminology and coding used to describe medical services and procedures.	3M↔IDX↔CDW or EPIC Clarity
Diagnosis (all)	Principal and non-Principal diagnoses for a patient over all admissions. Depending upon filter criteria, a patient can be included in multiple rows on the report.	3M↔Keane↔Oacis↔CDW or EPIC Clarity
Diagnosis (Principal)	Principal diagnosis for a patient per admission. Depending upon filter criteria, a patient can be included in multiple rows on the report.	3M↔Keane↔Oacis↔CDW or EPIC Clarity
Discharge Year	Year of discharge date for patient encounter/visit.	Keane↔Oacis↔CDW or EPIC Clarity
Financial Class Group Desc	Includes: COMMERCIAL, GOVERNMENT PAYOR, OTHER, SELF PAY	CDW or EPIC Clarity
Hospital Service	Examples include: Cardiology, Hematology/Oncology, Orthopaedics, Primary Care	CDW or EPIC Clarity
Location	Primary location for the encounter. For EPIC source, this equates to the department. For Oacis data, this equates to the unit or clinic.	Keane↔Oacis↔CDW or EPIC Clarity

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<b>DATA ELEMENTS</b>	<b>DESCRIPTION</b>	<b>SOURCE SYSTEM *</b>
Patient Current Age (whole years)	Current age of patient based on birth date.	Keane↕Oacis↕CDW or EPIC Clarity
Patient Ethnicity	Ethnic classification: <ul style="list-style-type: none"> <li>• Hispanic or Latino</li> <li>• Not Hispanic or Latino</li> <li>• Unknown</li> </ul>	Keane↕Oacis↕CDW or EPIC Clarity
Patient Gender	The gender of the patient. Values are <ul style="list-style-type: none"> <li>• M=Male</li> <li>• F=Female</li> <li>• U=Unknown</li> </ul>	Keane↕Oacis↕CDW or EPIC Clarity
Patient Race	Race classification: <ul style="list-style-type: none"> <li>• 1 – Caucasian</li> <li>• 2 – African American</li> <li>• 3 – American Indian/Alaska Native</li> <li>• 4 – Asian</li> <li>• 5 – Native Hawaiian/Pacific Island</li> <li>• 7 – Unable to Determine</li> </ul>	Keane↕CDW or EPIC Clarity
Procedures	The ICD 9 procedure code and description.	3M↕Keane↕Oacis↕CDW or EPIC Clarity
Radiology Name/Desc	Wide range of medical imaging exams including: CARDIAC CATHETERIZATION; EEG 20-20 MIN; MRI BRAIN W W/O CONTRAST; etc.	CDW or EPIC Clarity
Results Code	Name of the results that is being measured. It could be a lab test name, a lab panel name, a pulmonary function test, etc.	CDW or EPIC Clarity
Results Numeric	Numeric results for measurement.	CDW or EPIC Clarity
Results Service Area	Service Area associated with a result. Examples include: MUSC ART, DUKE, MAYO, ARUP, MUSC PHYSICIANS-PRIMARY CARE SERVICE AREA	CDW or EPIC Clarity
Results Sub-Type	Name of the sub-component if one exists. For example, if the Results Code is a lab panel, this field would have the components for the pane.	CDW or EPIC Clarity
Results Type	Examples include: LAB, BLOOD BANK, IMAGING, POCT	CDW or EPIC Clarity
Rx Admin Name	The name of the administered drug. Examples include LIDOCAINE 4 % TOPICAL CREAM; PROPOFOL 10 MG/ML INTRAVENOUS EMULSION; etc.	McKesson AdminRx↕Oacis↕CDW or EPIC Clarity
Rx Major Class	The major classification for the administered drug. Examples include ANESTHETICS; ANTI-INFECTIVE AGENTS, SYSTEMIC; HEMATOLOGICAL AGENTS; CENTRAL NERVOUS SYSTEM AGENTS; etc.	McKesson AdminRx↕Oacis↕CDW or EPIC Clarity

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<b>DATA ELEMENTS</b>	<b>DESCRIPTION</b>	<b>SOURCE SYSTEM *</b>
Rx Minor Class	The minor classification for the administered drug. Examples include Examples include GENERAL ANESTHETICS, INJECTABLE; LOCAL ANESTHETICS; TOPCAL LOCAL ANESTHETICS for Rx Major Class of ANESTHETICS	McKesson AdminRx↕Oacis↕ CDW or EPIC Clarity
Rx Sub-Minor Class	The sub minor classification for the administered drug. Examples: DERMATOLOGICAL – TOPICAL LOCAL ANESTHETIC AMIDES; LOCAL ANESTHETIC - AMIDES; LOCAL ANESTHETIC - ESTERS	McKesson AdminRx↕Oacis↕ CDW or EPIC Clarity
Visit Type	Visit classification as follows: <ul style="list-style-type: none"> <li>• Inpatient</li> <li>• Emergency</li> <li>• Outpatient</li> </ul>	Keane↕Oacis↕CDW or EPIC Clarity

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<b>Report Filters</b>		<b>Contains the available filters for a report.</b>
<b>DATA ELEMENTS</b>	<b>DESCRIPTION</b>	<b>SOURCE SYSTEM *</b>
Admit Age Years	Age in years at admission for inpatients. Age in year at the time of visit or encounter for outpatients and emergency patients.	Keane↔CDW or EPIC Clarity
Admit Source	Examples include: Non-healthcare Facility Point of Origin, Clinic or Physician's Office	CDW or EPIC Clarity
Admit Type	Examples include: EMERGENCY, URGENT, ELECTIVE, TRAUMA.	CDW or EPIC Clarity
Admit Year	Year of admission date for inpatients. Year of the visit or encounter for outpatients and emergency patients.	Keane↔Oacis↔CDW or EPIC Clarity
CPT Codes	Current Procedures Terminology (CPT) is a system developed by the American Medical Association for standardizing the terminology and coding used to describe medical services and procedures.	3M↔IDX↔CDW or EPIC Clarity
Diagnosis	The ICD 9 diagnosis code. The filter displays the code and the description. Examples include 0010:CHOLERA D/T VIB CHOLERAЕ; 0019: CHOLERA NOS; etc.	3M↔Keane↔Oacis↔CDW or EPIC Clarity
Diagnosis Groupings	The ICD 9 groupings for diagnoses. The filter displays the diagnosis code range and description. Examples include 001-0139: Infectious and Parasitic Diseases; 140-239.9: Neoplasms; etc.	3M↔Keane↔Oacis↔CDW or EPIC Clarity
Diagnosis Principal	The ICD 9 diagnosis codes. The filter displays the code and the description. Examples include 0010:CHOLERA D/T VIB CHOLERAЕ; 0019: CHOLERA NOS; etc.	3M↔Keane↔Oacis↔CDW or EPIC Clarity
Discharge Year	Year of discharge date for inpatients. Year of the visit or encounter for outpatients and emergency patients.	Keane↔Oacis↔CDW or EPIC Clarity
Financial Class	Includes: COMMERCIAL, GOVERNMENT PAYOR, OTHER, SELF PAY	CDW or EPIC Clarity
Location	Primary location for the encounter. For EPIC source, this equates to the department. For Oacis data, this equates to the unit or clinic.	Keane↔Oacis↔CDW or EPIC Clarity
Patient Gender	The gender of the patient. Values are <ul style="list-style-type: none"> <li>• M=Male</li> <li>• F=Female</li> <li>• U=Unknown</li> </ul>	Keane↔Oacis↔CDW or EPIC Clarity
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<b>DATA ELEMENTS</b>	<b>DESCRIPTION</b>	<b>SOURCE SYSTEM *</b>
Procedures	The ICD 9 procedure code.	3M↻Keane↻Oacis↻CDW or EPIC Clarity
Procedure Groupings	The ICD 9 groupings for procedures. The filter displays the range and description. Examples include 01-05.9:Operations on the Nervous System; 06-07.99:Operations on the Endocrine System;08-16.99: Operations on the Eye; etc.	3M↻Keane↻Oacis↻CDW or EPIC Clarity
Procedures	The ICD 9 procedure code.	3M↻Keane↻Oacis↻CDW or EPIC Clarity
Radiology Name/Desc	Wide range of medical imaging exams including: CARDIAC CATHETERIZATION; EEG 20-20 MIN; MRI BRAIN W W/O CONTRAST; etc.	CDW or EPIC Clarity
Results Code	Name of the result that is being measured. It could be a lab test name, a lab panel name, a pulmonary function test, etc.	CDW or EPIC Clarity
Results Service Area	Examples include: MUSC ART, DUKE, MAYO, ARUP, MUSC PHYSICIANS-PRIMARY CARE SERVICE AREA	CDW or EPIC Clarity
Results Sub Type	Name of the sub-component if one exists. For example, if the Results Code is a lab panel, this field would have the components for the pane.	CDW or EPIC Clarity
Results Type	Examples include: LAB, BLOOD BANK, IMAGING, POCT	CDW or EPIC Clarity
Rx Major Class	The major classification for the administered drug. Examples include ANESTHETICS; ANTI-INFECTIVE AGENTS, SYSTEMIC; HEMATOLOGICAL AGENTS; CENTRAL NERVOUS SYSTEM AGENTS; etc.	McKesson AdminRx↻Oacis↻CDW or EPIC Clarity
Rx Minor Class	The minor classification for the administered drug. Examples include Examples include GENERAL ANESTHETICS, INJECTABLE; LOCAL ANESTHETICS; TOPCAL LOCAL ANESTHETICS for Rx Major Class of ANESTHETICS	McKesson AdminRx↻Oacis↻CDW or EPIC Clarity
Rx Admin Name	The name of the administered drug. Examples include LIDOCAINE 4 % TOPICAL CREAM; PROPOFOL 10 MG/ML INTRAVENOUS EMULSION; etc.	McKesson AdminRx↻Oacis↻CDW or EPIC Clarity
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