

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

<b>Report Counts</b>	<b>Contains the available metrics (count, percent, minimum, maximum, average)</b>	
DATA ELEMENTS	DESCRIPTION	SOURCE SYSTEM
Avg LOS	Average length of stay meeting the filter criteria.	Keane (↻Oacis)
Diagnosis Count	The number of diagnoses meeting the filter criteria.	Keane (↻Oacis)
Expired Patient Count	The number of expired patients meeting the filter criteria.	Keane (↻Oacis)
Expired Patient Percent	The percent of expired patients meeting the filter criteria. The denominator is all patients meeting the filter criteria.	Keane (↻Oacis)
Lab Result Count	The number of lab results meeting the selection criteria.	Cerner (↻Oacis)
Max Lab Result	Maximum laboratory result meeting the filter criteria.	Cerner (↻Oacis)
Max LOS	Maximum length of stay meeting the filter criteria.	Keane (↻Oacis)
Median LOS	Median length of stay meeting the filter criteria.	Keane (↻Oacis)
Micro Result Count	The number of microbiology tests or procedures meeting the selection criteria.	Cerner (↻Oacis)
Min Lab Result	Minimum laboratory result meeting the filter criteria.	Cerner (↻Oacis)
Min LOS	Minimum length of stay meeting the filter criteria.	Keane (↻Oacis)
Patient Count	Number of patients meeting the filter criteria.	Keane (↻Oacis)
Patient Visit Count	Number of visits or individual encounters meeting the filter criteria.	Keane (↻Oacis)
Procedure Count	Number of procedures meeting the filter criteria.	Keane (↻Oacis)
ReAdmit Encounters	Number of readmission visits meeting the filter criteria. The readmit logic is based on rules that the patient returns within a short time period for the same or closely related diagnosis.	[CDW] (based on Keane)
ReAdmit Percent	Percent of readmission visits meeting the filter criteria. The denominator is all patients meeting the filter criteria.	[CDW] (based on Keane)
Rx Admin Count	Number of administered prescriptions meeting filter criteria.	McKesson AdminRx (↻Oacis)
Rx Order Count	Number of ordered prescriptions meeting the filter criteria.	McKesson Pharmacy Mgmt System (↻Oacis)
SampleID Count	The number of distinct samples (specimens) meeting the filter criteria.	Biorepository (TissueMetix)

<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 Year	Year of admission date for inpatients. Year of the visit or encounter for outpatients and emergency patients.	Keane (↕Oacis)
Available Quantity	Available quantity. If 0, there is no more tissue left.	Biorepository (TissueMetix)
Collection Name	TissueMetrix manages bio specimen samples for multiple groups such as Hollings, SCTR, and the Brain Bank. The collection name indicates the laboratory or source for the collection.	Biorepository (TissueMetix)
Collect Site Description	Surveillance Epidemiology and End Results (SEER) Site Specific Coding from the National Cancer Institute. Examples Blood, Renal NOS	Biorepository (TissueMetix)
Collection Year	Calendar year when the sample was collected.	Biorepository (TissueMetix)
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. (ICD-9)	3M (↕Keane↕Oacis)
Diagnosis (Principal)	Principal diagnosis for a patient per admission. Depending upon filter criteria, a patient can be included in multiple rows on the report. (ICD-9)	3M (↕Keane↕Oacis)
Discharge Year	Year of discharge date for patient encounter/visit.	Keane (↕Oacis)
Disease Description	International Classification of Diseases for Oncology (ICD-O). Examples Squamous cell epithelioma, Adenocarcinoma, NOS	Biorepository (TissueMetix)
Lab Results (all)	Observed results for a lab test. Typically, this column is used with a filter. Values are textual.	Cerner (↕Oacis)
Lab Test Acronym	Short name and description for the lab test	Cerner (↕Oacis)
Micro Results (all)	Microbiology test name. Typically, this column is used with a filter. Values are text. Examples are INFLUENZA A DETECTION ANTIGEN TEST, ROTAVIRUS ANTIGEN TEST, BONE MARROW CULTURE, etc.	Cerner (↕Oacis)
Patient Class (I/E/O)	Patient classification as follows: <ul style="list-style-type: none"> <li>• I – Inpatient</li> <li>• E – Emergency</li> <li>• O – Outpatient</li> </ul>	Keane (↕Oacis)
Patient Current Age (years)	Current age of patient based on birth date.	Keane (↕Oacis)
Patient Ethnicity (stats)	In the MUSC [CDW] the ethnicity is really race. Patient Ethnicity (stats) depicts the race information with numeric codes. Numeric codes are: <ul style="list-style-type: none"> <li>• 1 – Black or African American</li> <li>• 2 – White or Caucasian</li> <li>• 3 – Hispanic</li> </ul>	[CDW] (based on Keane)

DATA ELEMENTS	DESCRIPTION	SOURCE SYSTEM
Patient Ethnicity (stats) continued	<ul style="list-style-type: none"> <li>• 4 – Native American or Alaskan Native</li> <li>• 5 – Asian</li> <li>• 6 – Other race than White, Black, Native American, Asian</li> </ul>	
Patient Ethnicity	<p>In the MUSC [CDW] the ethnicity is really race.</p> <p>Codes are:</p> <ul style="list-style-type: none"> <li>• B – Black or African American</li> <li>• W – White or Caucasian</li> <li>• L – Hispanic</li> <li>• I – Native American or Alaskan Native</li> <li>• – Asian</li> <li>• U – Other race than White, Black, Native American, Asian</li> </ul>	Keane (↔Oacis)
Patient Gender (stats)	<p>The gender of the patient. Values are</p> <ul style="list-style-type: none"> <li>• 2=Male</li> <li>• 1=Female</li> <li>• 0=Unknown</li> </ul>	[CDW] (based on Keane)
Patient Gender	<p>The gender of the patient. Values are</p> <ul style="list-style-type: none"> <li>• M=Male</li> <li>• F=Female</li> <li>• U=Unknown</li> </ul>	Keane (↔Oacis)
Procedure (all)	The ICD 9 procedure code and description.	3M (↔Keane↔Oacis)
Rx Admin Name	The name of the administered drug. Examples include ABACAVIR, ABACAVIR ORAL, etc.	McKesson AdminRx (↔Oacis)
Rx Admin Drug Major Class	The major classification for the administered drug. Examples include ANTI-INFECTIVE AGENTS, SYSTEMIC; HEMATOLOGICAL AGENTS; CENTRAL NERVOUS SYSTEM AGENTS; etc.	[CDW] (↔based on McKesson AdminRx↔Oacis)
Rx Admin Drug Minor Class	The minor classification for the administered drug. Examples include ACIDIFYING AGENTS; ADRENOCORTICAL STEROIDS; AGENTS FOR ACTIVE IMMUNIZATION; AGENTS FOR GLAUCOMA; etc.	[CDW] (↔based on McKesson AdminRx↔Oacis)
Rx Admin Drug Sub-Minor Class	The sub minor classification for the administered drug. Examples include ACE INHIBITORS, ALPHA-GLUCASIDASE, AMINOPENICILLINS, etc.	[CDW] (↔based on McKesson AdminRx↔Oacis)
Sample Prep Description	Description for the values that refer to the way in which a sample is prepared prior to its analysis. Example: Paraffin Block, 50ML, OCT Block	Biorepository (TissueMetix)
Sample Type Description	Classification description of the tissue sample. Example Tumor Primary, Buffy Code	Biorepository (TissueMetix)

<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_Yrs	Age in years at admission for inpatients. Age in year at the time of visit or encounter for outpatients and emergency patients.	[CDW] (based on Keane)
Admit Year	Year of admission date for inpatients. Year of the visit or encounter for outpatients and emergency patients.	Keane (↻Oacis)
Available Quantity	Available quantity. If 0, there is no more tissue left.	Biorepository (TissueMetix)
Collection Name	TissueMetrix manages bio specimen samples for multiple groups such as Hollings, SCTR, and the Brain Bank. The collection name indicates the laboratory or source for the collection.	Biorepository (TissueMetix)
Collect Site Description	International Classification of Diseases for Oncology Site Description for the body location where the tissue sample was collected. Sigmoid NOS, Thalamus, Blood	Biorepository (TissueMetix)
Collection Year	Calendar year when the sample was collected.	Biorepository (TissueMetix)
Diagnosis (ICD9)	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)
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.	[CDW] (↻based on 3M↻Keane↻Oacis)
Discharge Year	Year of discharge date for inpatients. Year of the visit or encounter for outpatients and emergency patients.	Keane (↻Oacis)
Disease Description	International Classification of Diseases for Oncology Morphology Description for the body location where the tissue sample was collected. Example Papillary renal cell carcinoma (C64.9), Solitary fibrous tumor	Biorepository (TissueMetix)
Lab Result Type	The MUSC assigned service code for the laboratory procedure or test. Examples include *CD3; THYROXINE INDEX, FREE (FTI); PROTEIN, URINE; PROTEIN, 24 HOUR URINE; PT; etc.	Cerner (↻Oacis)

DATA ELEMENTS	DESCRIPTION	SOURCE SYSTEM
Micro Result Type	The MUSC assigned service code for the microbiology procedure or test. Examples include *C RSV:RESPIRATORY SYNCYTIAL VIRUS IS; AFB S:AFB SUSCEPTIBILITY; AFB SMO: AFB SMEAR ONLY; etc.	Cerner (↔Oacis)
Patient Ethnicity	In the MUSC [CDW] the ethnicity is really race. Codes are: <ul style="list-style-type: none"> <li>• B – Black or African American</li> <li>• W – White or Caucasian</li> <li>• L – Hispanic</li> <li>• I – Native American or Alaskan Native</li> <li>• – Asian</li> </ul> U – Other race than White, Black, Native American, Asian	Keane (↔Oacis)
Principal Diagnosis (ICD)	The ICD 9 diagnosis codes. The filter displays the code and the description. Examples include 0010:CHOLERA D/T VIB CHOLERA; 0019: CHOLERA NOS; etc.	3M (↔Keane↔Oacis)
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.	[CDW] (↔based on 3M↔Keane↔Oacis)
Procedure (ICD9)	The ICD 9 procedure code.	3M (↔Keane↔Oacis)
Rx Admin Major	The major classification for the administered drug. Examples include ANTI-INFECTIVE AGENTS, SYSTEMIC; HEMATOLOGICAL AGENTS; CENTRAL NERVOUS SYSTEM AGENTS; etc.	[CDW] (↔based on McKesson AdminRx↔Oacis)
Rx Admin Minor	The minor classification for the administered drug. Examples include ACIDIFYING AGENTS; ADRENOCORTICAL STEROIDS; AGENTS FOR ACTIVE IMMUNIZATION; AGENTS FOR GLAUCOMA; etc.	[CDW] (↔based on McKesson AdminRx↔Oacis)
Rx Admin Name	The name of the administered drug. Examples include ABACAVIR, ABACAVIR ORAL, etc.	McKesson AdminRx (↔Oacis)

DATA ELEMENTS	DESCRIPTION	SOURCE SYSTEM
Rx Admin Sub-Minor	The sub minor classification for the administered drug. Examples include ACE INHIBITORS, ALPHA-GLUCASIDASE, AMINOPENICILLINS, etc.	[CDW] (↻based on McKesson AdminRx↻Oacis)
Sample Category Description	Description of the category of the tissue sample. Example Normal, Diseased	Biorepository (TissueMetix)
Sample Prep Description	Description for the values that refer to the way in which a sample is prepared prior to its analysis. Example: Paraffin Block, 50ML, OCT Block	Biorepository (TissueMetix)
Sample Type Description	Description of the tissue sample type. Example Tumor Primary, Buffy Code	Biorepository (TissueMetix)