

RDC Variable Name	DESCRIPTION	VALUES	NOTE
Survey Data Elements			
SUR_YR	4-digit designation for calendar year of data collection	2016	
HOSPID	Hospital identifier		
REGION	Geographic region	1=Northeast 2=Midwest 3=South 4=West	
SERVICE	Service type of hospital	1=General Acute Care 2=Children's 3=Psychiatric 4=Other	
BEDS7	Number of beds at the hospital	1=6-49 beds 2=50-99 beds 3=100-199 beds 4=200-299 beds 5=300-499 beds 6=500-999 beds 7=1000 or more beds	
OWNER4	Hospital ownership	1=Proprietary 2=Church 3=Government 4=Nonprofit, excluding Church	
URBRURAL	Urban/Rural designation	1=Large central metro 2=Large fringe metro 3=Medium metro 4=Small metro 5=Metropolitan 6=Noncore	For definitions of each designation refer to https://www.cdc.gov/nchs/data_access/urban_rural.htm
Patient Data Elements			
PATIENT_ID	Patient identifier		
SEX	Sex of discharge	1=Male 2=Female U=Unknown -9=Missing	
DOB	Date of birth of discharged patient (MMDDYYYY)		Not available for Vizient hospital encounters.
ZIPCODE	Postal service ZIP code for patient's residence		
Encounter Data Elements			
ENCOUNTER_ID	Encounter identifier		
FILESOURCE	The source of the data provided by the hospital	"Claims" "CCD" "EHR Custom Extract" "Vizient"	<p>Claims: The uniform bill for institutional providers approved by the National Uniform Billing Committee. Optimized for billing.</p> <p>C-CDA: A set of HL7 Clinical document architecture. Includes implementation templates such as Continuity of Care Documents (CCD). CCDs are an electronic document exchange standard for sharing patient summary information. Summaries include the most commonly needed information about current and past health status that can be shared by all computer applications, including web browsers, electronic medical and health record software systems. In 2016, we received discharge summaries, history and physical summaries, and transfer summaries.</p> <p>EHR Custom Extract: Records are extracted from the hospitals' EHR according to specifications provided by NCHS. The specifications are based on the National Health Care Surveys Implementation Guide.</p> <p>Vizient: Vizient is a member-driven health care services company. Vizient data are de-identified UB-04 claims with associated files for lab tests and results.</p>
AGE	Age in years, months, or days		The values in this variable represent either days, months, or years. The variable AGE_UNIT must be used with this variable to identify the unit.
AGE_UNIT	Units for age	1=Years 2=Months 3=Days	
DATE_ADM	Date of admission (MMDDYYYY)		The value for all Vizient hospital admissions is the first day of the month. Filled for Inpatient encounters and only Claims ED encounters that resulted in an admission.
DATE_BEG	Beginning date of hospital visit (MMDDYYYY)		The value for all Vizient hospital visits is the first day of the month.
DATE_DIS	Date of discharge (MMDDYYYY)		The value for all Vizient hospital visits is the first day of the month.
PT_ORIGIN	Point of origin	1=Physician/clinical referral 2=Transfer from hospital 3=Transferred from (skilled nursing facility) SNF 4= Transfer from other health facility 5=Emergency department 6=Court/law enforcement 7=Non-health care facility point of origin 8=Born inside this hospital 9=Born outside this hospital -5=Invalid code -8=Info not available -9=Missing	
ADMIT_TYPE	Type of admission	1=Emergency 2=Urgent 3=Elective 4=Newborn 5=Trauma -5=Invalid code -9=Missing	
FLAG_INPT	Flag for inpatient record in ED file		ED only. Not available for CCD, EHR Custom Extract and Vizient hospital records
ESOP1	Expected source of payment, primary		

ESOP2	Expected source of payment, secondary		
Encounter Array Data Elements			
ENCOUNTER_EVENT_NUMBER	Identifies unique data element within an encounter		
ICU_FLAG	Flag indicating if there was an ICU stay for this hospital visit	1=Stay in ICU .=missing or did not stay in the ICU	Only available for inpatient encounters. Claims and EHR-Custom Extract hospital records contain information on stays in the CCU, NICU, and ICU. Vizient hospitals only contain information on the number of days in the ICU and not the CCU and NICU. Not available for CCD hospital encounters. EHR-Custom Extract encounters provided multiple values for ICU stay. All available information on ICU stay is available for the EHR-Custom Extract encounters.
ICU_LOS	Days of care in ICU		Only available for inpatient. Claims and EHR-Custom Extract hospital records contain information on stays in the CCU, NICU, and ICU. Vizient hospitals only contain information on the number of days in the ICU and not the CCU and NICU. Not available for CCD hospital encounters. EHR-Custom Extract encounters provided multiple values for ICU stay. All available information on ICU stay is available for the EHR-Custom Extract encounters.
DISCSTAT	Discharge status	1=Routine to home 2=**NOT USED IN 2016** 3=Admitted as inpatient 4=Left against medical advice 5=Transfer to short term facility 6=Transfer to long term facility 7=Court/Law enforcement 8=Dead 9=Other health care facility 10=Other discharge not otherwise specified 11=Hospice care-home or medical facility 12=Home health -5=Invalid code -7=Unknown -9=Missing	In the 2013 and 2014 NHCS RDC files a discharge status of 2 indicated that person was either discharged to the home health or hospice. For 2015 and 2016 these outcomes were split into two separate values . Hospice care is now coded to a value of 11 and home health is a value of 12. EHR-Custom Extract hospital encounters provided multiple discharge status values for an encounter. All of the available discharges status values are available to the researcher.
DOC	Days of care (LOS w/ones)		Inpatient file only. Use to produce days of care estimates. Claims and EHR stays of less than one day are recoded to 1 day stays. Vizient hospital visits all have a days of care value of zero. EHR-Custom Extract hospital encounters provided multiple days of care values for an encounter. All of the available days of care values are available to the researcher.
LOS	Length of stay		Inpatient file only. Vizient hospital visits all have a length of stay of zero. EHR-Custom Extract hospital encounters provided multiple length of stay values for an encounter. All of the available length of stay values are available to the researcher.
Diagnosis and Reason For Visit Data Elements			
CONDITION_CODE	Diagnosis code		The diagnosis code. Use CONDITION_TYPE and DIAGNOSIS_TYPE to identify if the code is a diagnosis or reason for visit. DIAGNOSIS_TYPE will identify the type of diagnosis code.
CONDITION_CODESYS_NAME	Coding system for diagnosis code	"ICD-9"= ICD-9-CM code system "ICD-10"=ICD-10-CM code system "SNOMED-CT"= SNOMED-CT code system "FormFast"= FormFast code system "Progetto Nazionale Emorragia Digestiva (PNED)"= PNED code system "Hospital Custom"= Custom code system for that hospital "HL7 NullFlavor"= Condition_Code is blank. The diagnosis was provided as a note.	This variable identifies the code system of the diagnosis or reason for visit code in CONDITION_CODE. There are 5,483,490 diagnosis records that are not coded. Those diagnoses are identified with a CONDITION_CODESYS_NAME value of "HL7 NullFlavor".
CONDITION_CODETEXT	Diagnosis label		
CONDITION_TYPE	Type of condition	"Diagnosis"= Indicates a diagnosis code "Reason"= Indicates a reason for visit code	
DIAGNOSIS_TYPE	Type of diagnosis	"Primary"=Primary diagnosis "Diagnosis"=Diagnosis associated with the visit but not the primary diagnosis "Discharge Diagnosis"= "Admitting Diagnosis"=Admitting diagnosis for the visit "Problem"=Problem at the time of the visit, only present in EHR encounters "Reason For Visit"= Patient's reason for visit	These variables are only filled when CONDITION_TYPE="Diagnosis"
CONDITION_EVENTNUMBER	Identifies unique diagnosis within an encounter		
Procedure Data Elements			
SERVICE_CODE	Procedure code		

SERVICE_CODESYS_NAME	Coding system for procedure code	"ICD-9-PCS"= ICD-9-CM code system "ICD-10-PCS"=ICD-10-CM code system "Current Procedure Terminology (CPT)"=CPT codes "Healthcare Common Procedure Coding System (HCPCS)"=HCPCS codes "Current Dental Terminology (CDT)"=CDT codes "SNOMED-CT"= SNOMED-CT code system "Local Procedure Code Set 1"= Custom hospital coding set "Local Procedure Code Set 2"= Custom hospital coding set "LOINC"= LOINC coding system "Hospital Custom"= Custom code system for that hospital "Unknown Code"= Unknown coding system "HL7 NullFlavor"= Blank codes	
SERVICE_CODETEXT			
SERVICE_EVENTNUMBER	Identifies unique procedure within an encounter		
SERVICE_START_DATETIME	Start date of procedure		
SERVICE_END_DATETIME	End date of procedure		
CPT/HCPCS Data Elements			
DIAB_EYEEEXAM	National Quality Forum (NQF) Measure 0055 Diabetes: eye Exam	1=Yes 0=No	Includes CPT/HCPCS codes: 2022F, 2024F, 2026F, 3072F
DIAB_FOOTEXAM	National Quality Forum (NQF) Measure 0056 Diabetes: Foot Exam	1=Yes 0=No	Includes CPT/HCPCS codes G9224, G9225, G9226
DIAB_A1C	National Quality Forum (NQF) Measure 0059 Diabetes: Hemoglobin A1c Test	1=Yes 0=No	Includes CPT/HCPCS codes: 3044F, 3045F, 3046F
Revenue Code Data Elements			
REV_BLANK	Revenue Code Category - Blank Revenue Code	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_TOTCHG	Revenue Code Category - 0001: Total Charge	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_RESERVED	Revenue Code Category - 001x: Reserved	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_HIPPS	Revenue Code Category - 002x: Health Insurance Prospective	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_ALL_RATE	Revenue Code Category - 010x: All Inclusive Rate	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_ROOM_BOARD	Revenue Code Category - 011x-016x: Room and Board	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_NURSERY	Revenue Code Category - 017x: Nursery	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_LEAVE	Revenue Code Category - 018x: Leave of Absence	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_SUBACUTE	Revenue Code Category - 019x: Subacute	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_INTENSIVE	Revenue Code Category - 020x: Intensive Care	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_CORONARY	Revenue Code Category - 021x: Coronary Care	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_SPECIAL	Revenue Code Category - 022x: Special Charges	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_INCREMENT	Revenue Code Category - 023x: Incremental Nursing	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_ALL_ANCILLARY	Revenue Code Category - 0234x: All Inclusive Ancillary	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_PHARM	Revenue Code Category - 025x: Pharmacy	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_IVTHER	Revenue Code Category - 026x: IV Therapy	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_MED_DEVICE	Revenue Code Category - 027x: Medical/Surgical Supplies and Devices	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_ONCOLOGY	Revenue Code Category - 028x: Oncology	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_DURABLE	Revenue Code Category - 029x: Durable Medical Equipment (DME) (Other than renal)	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_LAB	Revenue Code Category - 030x: Laboratory	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_LAB_PATH	Revenue Code Category - 031x: Laboratory Pathological	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_RAD_DX	Revenue Code Category - 032x: Radiology Diagnostic	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_RAD_TX	Revenue Code Category - 033x: Radiology Therapeutic and/or Chemotherapy Administration	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_NUCMED	Revenue Code Category - 034x: Nuclear Medicine	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_CTSCAN	Revenue Code Category - 035x: CT Scan	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_OPERATE	Revenue Code Category - 036x: Operating Room Services	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_ANESTH	Revenue Code Category - 037x: Anesthesia	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_BLOOD_GEN	Revenue Code Category - 038x: Blood	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_BLOOD_ADM	Revenue Code Category - 039x: Blood and Blood Component Administration, Processing, and Storage	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_OTH_IMAGE	Revenue Code Category - 040x: Other Imaging Services	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_RESP	Revenue Code Category - 041x: Respiratory Services	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_PHYS_THER	Revenue Code Category - 042x: Physical Therapy	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_OCC_THER	Revenue Code Category - 043x: Occupational Therapy	1=Yes 0=No	Only available for Claims and Vizient hospital records.

REV_SPEECH_THER	Revenue Code Category - 044x: Speech Therapy	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_EMERGENCY	Revenue Code Category - 045x: Emergency Room	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_PULM	Revenue Code Category - 046x: Pulmonary	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_AUDIO	Revenue Code Category - 047x: Audiology	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_CARDIO	Revenue Code Category - 048x: Cardiology	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_AMBSURG	Revenue Code Category - 049x: Ambulatory Surgery	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_OUTPATIENT	Revenue Code Category - 050x: Outpatient Services	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_CLINIC	Revenue Code Category - 051x: Clinic	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_FREESTAND	Revenue Code Category - 052x: Freestanding Clinic	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_OSTEO	Revenue Code Category - 053x: Osteopathic Services	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_AMBULANCE	Revenue Code Category - 054x: Ambulance	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_NURSING	Revenue Code Category - 055x: Skilled Nursing	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_SOCIAL	Revenue Code Category - 056x: Medical Social Services	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_AIDE	Revenue Code Category - 057x: Home Health Aide	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_OTH_HOME	Revenue Code Category - 058x: Other Visits (Home Health)	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_UNITS_HOME	Revenue Code Category - 059x: Units of Service (Home Health)	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_OXY_HOME	Revenue Code Category - 060x: Oxygen (Home Health)	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_MRT	Revenue Code Category - 061x: Magnetic Resonance Technology (MRT)	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_MED_SUPPLY	Revenue Code Category - 062x: Medical/Surgical Supplies	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_DRUGS	Revenue Code Category - 063x: Drugs Requiring Specific Identification (Pharmacy)	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_HOME_IV	Revenue Code Category - 064x: Home IV Therapy Services	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_HOSPICE	Revenue Code Category - 065x: Hospice Services	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_RESPITE	Revenue Code Category - 066x: Respite Care	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_OPSPEC	Revenue Code Category - 067x: Outpatient Special Residence	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_TRAUMA	Revenue Code Category - 068x: Trauma Response	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_CAST	Revenue Code Category - 070x: Cast Room	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_RECOV_ROOM	Revenue Code Category - 071x: Recovery Room	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_LABOR	Revenue Code Category - 072x: Labor Room	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_EKG	Revenue Code Category - 073x: EKG/ECG (Electrocardiogram)	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_EEG	Revenue Code Category - 074x: EEG (Electroencephalogram)	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_GASTRO	Revenue Code Category - 075x: Gastrointestinal Services	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_SPECIALTY	Revenue Code Category - 076x: Specialty Services (Treatment or Observation)	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_PREVENTIVE	Revenue Code Category - 077x: Preventive Care Services	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_TELEMED	Revenue Code Category - 078x: Telemedicine	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_SHOCK	Revenue Code Category - 079x: Extra Corporeal Shock Wave Therapy (Formerly Lithotripsy)	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_IP_RENAL	Revenue Code Category - 080x: Inpatient Renal Dialysis	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_ORGAN	Revenue Code Category - 081x: Acquisition of Body Components	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_HEMO	Revenue Code Category - 082x: Hemodialysis Outpatient or Home	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_PERI	Revenue Code Category - 083x: Peritoneal Dialysis or Home	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_CAPD	Revenue Code Category - 084x: Continuous Ambulatory Peritoneal Dialysis (CAPD) Outpatient or Home	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_CCPD	Revenue Code Category - 085x: Continuous Cycling Peritoneal Dialysis (CAPD) Outpatient or Home	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_MISC_DIALYSIS	Revenue Code Category - 088x: Miscellaneous Dialysis	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_OTH_DONOR	Revenue Code Category - 089x: Other Donor Bank	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_BEHAVE	Revenue Code Category - 090x-091x: Behavioral Health Treatments/Services	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_OTHDIAG	Revenue Code Category - 092x: Other Diagnostic Services	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_MED_REHAB	Revenue Code Category - 093x: Medical Rehabilitation Day Program	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_OTHTX	Revenue Code Category - 094x-095x: Other Therapeutic Services	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_FEES	Revenue Code Category - 096x-098x: Professional Fees	1=Yes 0=No	Only available for Claims and Vizient hospital records.

REV_CONVENIENCE	Revenue Code Category - 099x: Patient Convenience Items	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_BEHAV_ACCOM	Revenue Code Category - 100x: Behavioral Health Accommodations	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_ALT_THER	Revenue Code Category - 210x: Alternative Therapy Services	1=Yes 0=No	Only available for Claims and Vizient hospital records.
REV_ADULT	Revenue Code Category - 301x: Adult Care	1=Yes 0=No	Only available for Claims and Vizient hospital records.