Availability of Data Elements in the 1988-2012 National Inpatient Sample (NIS)

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HCUP Data Element	File(s)	Coding Notes	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	HCUP Data Element
ADAYWK	Core	Admission day of week: (1) Sunday, (2) Monday, (3) Tuesday, (4) Wednesday, etc.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ADAYWK
AGE	Core	Age in years at admission coded 0-124 years	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	AGE
AGEDAY	Core	Age in days coded 0-365 only when the age in years is less than 1 year	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	AGEDAY
AGE_NEONATE	Core	Neonatal age (first 28 days after birth) indicator: (0) non-neonatal age, (1) neonatal age	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	AGE_NEONATE
AHAID	Hospital	AHA hospital identifier that matches AHA Annual Survey Database (not available for all states)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	AHAID
AMONTH	Core	Admission month coded from (1) January to (12) December	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	AMONTH
APRDRG	Severity	All Patient Refined DRG	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	APRDRG
APRDRG_Risk_Mortality	Severity	All Patient Refined DRG: Risk of Mortality Subclass: (0) No class specified, (1) Minor likelihood of dying, (2) Moderate likelihood of dying, (3) Major likelihood of dying, (4) Extreme likelihood of dying	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	APRDRG_Risk_Mortality
APRDRG_Severity	Severity	All Patient Refined DRG: Severity of Illness Subclass: (0) No class specified, (1) Minor loss of function (includes cases with no comorbidity or complications), (2) Moderate loss of function, (3) Major loss of function, (4) Extreme loss of function	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	APRDRG_Severity
APSDRG	Severity	All-Payer Severity-adjusted DRG	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	APSDRG
APSDRG_Charge_Weight	Severity	All-Payer Severity-adjusted DRG: Charge Weight	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	APSDRG_Charge_Weight
APSDRG_LOS_Weight	Severity	All-Payer Severity-adjusted DRG: Length of Stay Weight	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	APSDRG_LOS_Weight
APSDRG_Mortality_Weight	Severity	All-Payer Severity-adjusted DRG: Mortality Weight	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	APSDRG_Mortality_Weight
ASOURCE	Core	Admission source, uniform coding: (1) ER, (2) another hospital, (3) another facility including long-term care, (4) court/law enforcement, (5) routine/birth/other	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	ASOURCE
ASOURCE_X	Core	Admission source, as received from data source using State-specific coding	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	ASOURCE_X
ASOURCEUB92	Core	Admission source (UB-92 standard coding)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	ASOURCEUB92
ATYPE	Core	Admission type, uniform coding: (1) emergency, (2) urgent, (3) elective, (4) newborn, (5) Delivery (coded in 1988-1997 data only), (5) trauma center beginning in 2003 data, (6) other	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	ATYPE
AWEEKEND	Core	Admission on weekend: (0) admission on Monday-Friday, (1) admission on Saturday-Sunday	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	AWEEKEND
CCSMGN1-CCSMGN15	Dx_Pr_Grps	CCS Mental Health and Substance Abuse - General category for all diagnoses for NIS beginning in 2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	--	--	--	--	--	--	--	--	CCSMGN1-CCSMGN15
CCSMSP1-CCSMSP15	Dx_Pr_Grps	CCS Mental Health and Substance Abuse - Detail category for all diagnoses for NIS beginning in 2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	--	--	--	--	--	--	--	--	CCSMSP1-CCSMSP15
CHRON1-CHRON25	Dx_Pr_Grps	Chronic Condition Indicators for all diagnoses for NIS beginning in 2005. Beginning in 2009, the diagnosis array was increased from 15 to 25.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CHRON1-CHRON25
CHRONB1-CHRONB25	Dx_Pr_Grps	Chronic Condition Indicators – body system for all diagnoses for NIS beginning in 2005. Beginning in 2009, the diagnosis array was increased from 15 to 25.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CHRONB1-CHRONB25
CM_AIDS	Severity	AHRQ comorbidity measure: Acquired immune deficiency syndrome	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_AIDS
CM_ALCOHOL	Severity	AHRQ comorbidity measure: Alcohol abuse	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_ALCOHOL
CM_ANEMDEF	Severity	AHRQ comorbidity measure: Deficiency anemias	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_ANEMDEF
CM_ARTH	Severity	AHRQ comorbidity measure: Rheumatoid arthritis/collagen vascular diseases	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_ARTH
CM_BLDLOSS	Severity	AHRQ comorbidity measure: Chronic blood loss anemia	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_BLDLOSS
CM_CHF	Severity	AHRQ comorbidity measure: Congestive heart failure	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_CHF
CM_CHRNLUNG	Severity	AHRQ comorbidity measure: Chronic pulmonary disease	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_CHRNLUNG
CM_COAG	Severity	AHRQ comorbidity measure: Coagulopathy	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_COAG
CM_DEPRESS	Severity	AHRQ comorbidity measure: Depression	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_DEPRESS
CM_DM	Severity	AHRQ comorbidity measure: Diabetes, uncomplicated	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_DM
CM_DMCX	Severity	AHRQ comorbidity measure: Diabetes with chronic complications	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_DMCX

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HCUP Data Element	File(s)	Coding Notes	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2011	2012	HCUP Data Element
CM_DRUG	Severity	AHRQ comorbidity measure: Drug abuse	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_DRUG
CM_HTN_C	Severity	AHRQ comorbidity measure: Hypertension, uncomplicated and complicated	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_HTN_C
CM_HYPOTHY	Severity	AHRQ comorbidity measure: Hypothyroidism	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_HYPOTHY
CM_LIVER	Severity	AHRQ comorbidity measure: Liver disease	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_LIVER
CM_LYMPH	Severity	AHRQ comorbidity measure: Lymphoma	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_LYMPH
CM_LYTES	Severity	AHRQ comorbidity measure: Fluid and electrolyte disorders	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_LYTES
CM_METS	Severity	AHRQ comorbidity measure: Metastatic cancer	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_METS
CM_NEURO	Severity	AHRQ comorbidity measure: Other neurological disorders	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_NEURO
CM_OBESE	Severity	AHRQ comorbidity measure: Obesity	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_OBESE
CM_PARA	Severity	AHRQ comorbidity measure: Paralysis	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_PARA
CM_PERIVASC	Severity	AHRQ comorbidity measure: Peripheral vascular disorders	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_PERIVASC
CM_PSYCH	Severity	AHRQ comorbidity measure: Psychoses	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_PSYCH
CM_PULMCIRC	Severity	AHRQ comorbidity measure: Pulmonary circulation disorders	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_PULMCIRC
CM_RENLFAIL	Severity	AHRQ comorbidity measure: Renal failure	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_RENLFAIL
CM_TUMOR	Severity	AHRQ comorbidity measure: Solid tumor without metastasis	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_TUMOR
CM_ULCER	Severity	AHRQ comorbidity measure: Peptic ulcer disease excluding bleeding	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_ULCER
CM_VALVE	Severity	AHRQ comorbidity measure: Valvular disease	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_VALVE
CM_WGHTLOSS	Severity	AHRQ comorbidity measure: Weight loss	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	CM_WGHTLOSS
D10CWT_U	Hospital	10% sample weight to discharges in the universe	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	D10CWT_U
DCCHPR1	Core	CCS category for principal diagnosis for NIS prior to 1998. CCS was formerly called the Clinical Classifications for Health Policy Research (CCHPR).	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	DCCHPR1
DIED	Core	Indicates in-hospital death: (0) did not die during hospitalization, (1) died during hospitalization	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	DIED
DISCWT	Core, Hospital	Discharge weight on Core file and Hospital Weights file for NIS beginning in 1998. In all data years except 2000, this weight is used to create national estimates for all analyses. In 2000 only, this weight is used to create national estimates for all analyses excluding those that involve total charges.	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	DISCWT
DISCWT_F	Hospital	Discharge weights to the sample frame are available only in 1988-1997	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	DISCWT_F
DISCWT_S	Hospital	Discharge weights to the State are available only in 1988-1997	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	DISCWT_S
DISCWT_U	Hospital	Discharge weight on Core file and Hospital Weights file for NIS prior to 1998	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	DISCWT_U
DISCWT10	Subsample	10% sample weight to discharges in the universe	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	DISCWT10
DISCWTcharge	Core, Hospital	Discharge weight for national estimates of total charges. In 2000 only, this weight is used to create national estimates for analyses that involve total charges.	--	--	--	--	--	--	--	--	--	--	--	--	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	DISCWTcharge
DISCWTcharge10	Subsample	10% sample weight to discharges in the universe for national estimates of total charge in 2000	--	--	--	--	--	--	--	--	--	--	--	--	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	DISCWTcharge10
DISP	Core	Disposition of patient, uniform coding used prior to 1998: (1) routine, (2) short-term hospital, (3) skilled nursing facility, (4) intermediate care facility, (5) another type of facility, (6) home health care, (7) against medical advice, (20) died	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	DISP

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HCUP Data Element	File(s)	Coding Notes	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2011	2012	HCUP Data Element
DISPUB92	Core	Disposition of patient, UB-92 coding: (1) routine, (2) short term hospital, (3) skilled nursing facility, (4) intermediate care, (5) another type of facility, (6) home health care, (7) against medical advice, (8) home IV provider, (9) admitted as an inpatient to this hospital beginning in 2001 on outpatient data only (20) died in hospital, (40) died at home, (41) died in a medical facility, (42) died, place unknown, (50) Hospice, home, (51) Hospice, medical facility, (61) hospital-based Medicare approved swing bed, (62) another rehabilitation facility, (63) long term care hospital, (64) certified nursing facility, (71) another institution for outpatient services, (72) this institution for outpatient services, (99) discharged alive, destination unknown	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	DISPUB92
DISPUB04	Core	Disposition of patient (UB-04 standard coding)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	--	DISPUB04
DISPUNIFORM	Core	Disposition of patient, uniform coding used beginning in 1998: (1) routine, (2) transfer to short term hospital, (5) other transfers, including skilled nursing facility, intermediate care, and another type of facility, (6) home health care, (7) against medical advice, (20) died in hospital, (99) discharged alive, destination unknown	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	DISPUNIFORM
DQTR	Core	Coded: (1) Jan - Mar, (2) Apr - Jun, (3) Jul - Sep, (4) Oct - Dec	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	DQTR
DQTR_X	Core	Discharge quarter, as received from data source	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	--	DQTR_X
DRG	Core	DRG in use on discharge date	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	DRG
DRG_NoPOA	Core	DRG in use on discharge date, calculated without Present On Admission (POA) indicators	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	DRG_NoPOA
DRG10	Core	DRG Version 10 (effective October 1992 - September 1993)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	DRG10
DRG18	Core	DRG Version 18 (effective October 2000 - September 2001)	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	DRG18
DRG24	Core	DRG Version 24 (effective October 2006 - September 2007)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	DRG24
DRGVER	Core	Grouper version in use on discharge date	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	DRGVER
DS_DX_Category1	Severity	Disease Staging: Principal Disease Category	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	DS_DX_Category1
DS_LOS_Level	Severity	Disease Staging: Length of Stay Level: (1) Very low (less than 5% of patients), (2) Low (5 - 25% of patients), (3) Medium (25 - 75% of patients), (4) High (75 - 95% of patients), (5) Very high (greater than 95% of patients)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	DS_LOS_Level
DS_LOS_Scale	Severity	Disease Staging: Length of Stay Scale	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	DS_LOS_Scale
DS_Mrt_Level	Severity	Disease Staging: Mortality Level: (0) Extremely low - excluded from percentile calculation (mortality probability less than .0001), (1) Very low (less than 5% of patients), (2) Low (5 - 25% of patients), (3) Medium (25 - 75% of patients), (4) High (75 - 95% of patients), (5) Very high (greater than 95% of patients)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	DS_Mrt_Level
DS_Mrt_Scale	Severity	Disease Staging: Mortality Scale	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	DS_Mrt_Scale
DS_RD_Level	Severity	Disease Staging: Resource Demand Level: (1) Very low (less than 5% of patients), (2) Low (5 - 25% of patients), (3) Medium (25 - 75% of patients), (4) High (75 - 95% of patients), (5) Very high (greater than 95% of patients)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	DS_RD_Level
DS_RD_Scale	Severity	Disease Staging: Resource Demand Scale	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	DS_RD_Scale
DS_Stage1	Severity	Disease Staging: Stage of Principal Disease Category	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	DS_Stage1
DSHOSPID	Core	Hospital number as received from the data source	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	DSHOSPID
DSNDX	Core	Number of diagnosis fields provided by the data source	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	DSNDX
DSNPR	Core	Number of procedure fields in this data source	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	DSNPR
DSNUM	Core	Data source number	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	DSNUM
DSTYPE	Core	Data source type: (1) State data organization, (2) Hospital association, (3) Consortia	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	DSTYPE
DX1-DX25	Core	Diagnoses, principal and secondary (ICD-9-CM). Beginning in 2009, the diagnosis array was increased from 15 to 25.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	DX1-DX25
DXCCS1-DXCCS25	Core	CCS category for all diagnoses for NIS beginning in 1998. Beginning in 2009, the diagnosis array was increased from 15 to 25.	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	DXCCS1-DXCCS25
DXSYS	Core	Diagnosis coding system (ICD-9-CM)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	DXSYS

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HCUP Data Element	File(s)	Coding Notes	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2011	2012	HCUP Data Element
DXMCCS1	Dx_Pr_Grps	Multi-level clinical classification software (CCS) for principal diagnosis. Four levels for diagnoses presenting both the general groupings and very specific conditions	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	DXMCCS1
DXV1-DXV15	Core	Diagnosis validity flags	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	DXV1-DXV15
E_CCS1-E_CCS4	Core	CCS category for all E codes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	E_CCS1-E_CCS4
ECCSMGN1-ECCSMGN4	Dx_Pr_Grps	Clinical Classification Software Mental Health and Substance Abuse - General category for all E codes for NIS beginning in 2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	--	--	--	--	--	--	--	--	--	ECCSMGN1-ECCSMGN4
ECODE1-ECODE4	Core	External causes of injury codes (ICD-9-CM)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	ECODE1-ECODE4
E_MCCS1	Dx_Pr_Grps	Multi-level clinical classification software (CCS) for first listed E Code. Four levels for E codes presenting both the general groupings and very specific conditions	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	E_MCCS1
ELECTIVE	Core	Indicates elective admission: (1) elective, (0) non-elective admission	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	ELECTIVE
FEMALE	Core	Indicates gender for NIS beginning in 1998: (0) male, (1) female	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	FEMALE
H_BEDSZ	Hospital	Bed size of hospital: (1) small, (2) medium, (3) large	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	H_BEDSZ
H_CONTRL	Hospital	Control/ownership of hospital: (1) government, nonfederal, (2) private, non-profit, (3) private, invest-own	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	H_CONTRL
H_LOC	Hospital	Location: (0) rural, (1) urban	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	H_LOC
H_LOCTCH	Hospital	Location/teaching status of hospital: (1) rural, (2) urban non-teaching, (3) urban teaching	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	H_LOCTCH
H_REGION	Hospital	Region of hospital: (1) Northeast, (2) Midwest, (3) South, (4) West	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	H_REGION
H_TCH	Hospital	Teaching status of hospital: (0) non-teaching, (1) teaching	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	H_TCH
HCUP_ED	Core	Indicator that discharge record includes evidence of emergency department (ED) services: (0) Record does not meet any HCUP Emergency Department criteria, (1) Emergency Department revenue code on record, (2) Positive Emergency Department charge (when revenue center codes are not available), (3) Emergency Department CPT procedure code on record, (4) Admission source of ED, (5) State-defined ED record; no ED charges available	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	HCUP_ED
HFIPSSTCO	Hospital	Unmodified Federal Information Processing Standards (FIPS) State/county code for the hospital links to recent years of the Area Resource File (available from the Bureau of Health Professions, Health Resources and Services Administration)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	HFIPSSTCO
HOSP_BEDSIZE	Hospital	Bed size of hospital: (1) small, (2) medium, (3) large	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	HOSP_BEDSIZE
HOSP_CONTROL	Hospital	Control/ownership of hospital: (0) government or private, collapsed category, (1) government, nonfederal, public, (2) private, non-profit, voluntary, (3) private, invest-own, (4) private, collapsed category	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	HOSP_CONTROL
HOSP_DIVISION	Core, Hospital	Census Division of hospital (STRATA): (1) New England, (2) Middle Atlantic, (3) East North Central, (4) West North Central, (5) South Atlantic, (6) East South Central, (7) West South Central, (8) Mountain, (9) Pacific	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	HOSP_DIVISION
HOSP_LOCATION	Hospital	Location: (0) rural, (1) urban	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	HOSP_LOCATION
HOSP_LOCTEACH	Hospital	Location/teaching status of hospital: (1) rural, (2) urban non-teaching, (3) urban teaching	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	HOSP_LOCTEACH
HOSP_LPNFTEAPD	Hospital	LPN FTEs per 1000 adjusted inpatient days	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	--	HOSP_LPNFTEAPD
HOSP_MHSCLUSTER	Hospital	Multi-hospital system cluster code: (1) centralized health system, (2) centralized physician/insurance health system, (3) moderately centralized health system, (4) decentralized health system, (5) independent hospital system, (6) unassigned																											HOSP_MHSCLUSTER
HOSP_MHSMEMBER	Hospital	Multi-hospital system membership: (0) non-member, (1) member	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	--	HOSP_MHSMEMBER
HOSP_NAFTEAPD	Hospital	Nurse aides per 1000 adjusted inpatient days	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	--	HOSP_NAFTEAPD
HOSP_NIS	Core, Hospital, Severity, Dx_Pr_Grps	NIS hospital number (links to Hospital Weights file; does not link to previous years)																										Yes	HOSP_NIS
HOSP_OPSURGPCT	Hospital	Percentage of all surgeries performed in outpatient setting	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	--	HOSP_OPSURGPCT
HOSP_REGION	Hospital	Region of hospital: (1) Northeast, (2) Midwest, (3) South, (4) West	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	HOSP_REGION

Availability of Data Elements in the 1988-2012 National Inpatient Sample (NIS)

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HCUP Data Element	File(s)	Coding Notes	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2011	2012	HCUP Data Element
HOSP_RNFTEAPD	Hospital	RN FTEs per 1000 adjusted inpatient days	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	--	HOSP_RNFTEAPD
HOSP_RNPCT	Hospital	Percentage of RNs among all nurses (RNs and LPNs)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	--	HOSP_RNPCT
HOSP_TEACH	Hospital	Teaching status of hospital: (0) non-teaching, (1) teaching	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	HOSP_TEACH
HOSPADDR	Hospital	Hospital address from AHA Annual Survey Database	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	HOSPADDR
HOSPBRTH	Core	Indicator that discharge record includes diagnosis of birth that occurred in the hospital: (0) Not an in-hospital birth, (1) In-hospital birth	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	HOSPBRTH
HOSPCITY	Hospital	Hospital city from AHA Annual Survey Database	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	HOSPCITY
HOSPID	Core, Hospital, Severity, Dx_Pr_Grps	HCUP hospital idenitifcation number prior to 2012	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	HOSPID
HOSPNAME	Hospital	Hospital name from AHA Annual Survey Database	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	HOSPNAME
HOSPST	Core, Hospital	State postal code for the hospital (e.g., AZ for Arizona)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	HOSPST
HOSPSTCO	Core (1988-2002), Hospital (2002-2011)	Modified Federal Information Processing Standards (FIPS) State/county code for the hospital	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	HOSPSTCO
HOSPWT	Hospital	Weight to hospitals in AHA universe (i.e., total U.S.) 1998-2011	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	HOSPWT
HOSPWT_F	Hospital	Weight to hospitals in the sample frame	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	HOSPWT_F
HOSPWT_S	Hospital	Weight to hospitals in the State	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	HOSPWT_S
HOSPWT_U	Hospital	Weight to hospitals in AHA universe (i.e., total U.S.) prior to 1998	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	HOSPWT_U
HOSPZIP	Hospital	Hospital ZIP Code from AHA Annual Survey Database	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	HOSPZIP
IDNUMBER	Hospital	AHA hospital identifier without the leading 6 (not available for all states)	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	IDNUMBER
KEY	Core, Severity, Dx_Pr_Grps	Unique record number 1998-2011	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	KEY
KEY_NIS	Core, Severity, Dx_Pr_Grps	Unique record number for file beginning in 2012	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	KEY_NIS
LOCTEACH	Hospital	Location/teaching status of hospital: (1) rural, (2) urban non-teaching, (3) urban teaching	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	LOCTEACH
LOS	Core	Length of stay, edited	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	LOS
LOS_X	Core	Length of stay, as received from data source	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	LOS_X
MDC	Core	MDC in use on discharge date	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	MDC
MDC_NoPOA	Core	MDC in use on discharge date, calculated without Present on Admission (POA) indicators	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	MDC_NoPOA
MDC10	Core	MDC Version 10 (effective October 1992 - September 1993)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	MDC10
MDC18	Core	MDC Version 18 (effective October 2000 - September 2001)	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	MDC18
MDC24	Core	MDC Version 24 (effective October 2006 - September 2007)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	MDC24
MDID_S	Core	Synthetic attending physician number in files prior to 2001	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	MDID_S
MDNUM1_R	Core	Re-identified primary physician number 2003-2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	MDNUM1_R
MDNUM1_S	Core	Synthetic primary physician number 2001-2002	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	MDNUM1_S
MDNUM2_R	Core	Re-identified secondary physician number 2003-2009	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	MDNUM2_R
MDNUM2_S	Core	Synthetic secondary physician number in files 2001-2002	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	MDNUM2_S
N_DISC_F	Hospital	Number of frame discharges in the stratum	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	N_DISC_F
N_DISC_S	Hospital	Number of State's discharges in the stratum	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	N_DISC_S
N_DISC_U	Hospital	Number of AHA universe discharges in the NIS stratum	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N_DISC_U
N_HOSP_F	Hospital	Number of frame hospitals in the stratum	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	N_HOSP_F
N_HOSP_S	Hospital	Number of State's hospitals in the stratum	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	N_HOSP_S
N_HOSP_U	Hospital	Number of AHA universe hospitals in the NIS stratum	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N_HOSP_U

Availability of Data Elements in the 1988-2012 National Inpatient Sample (NIS)

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HCUP Data Element	File(s)	Coding Notes	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2011	2012	HCUP Data Element
NCHRONIC	Core	Number of chronic conditions	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	NCHRONIC
NDX	Core	Number of diagnoses coded on the original record	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NDX
NECODE	Core	Number of E codes coded on the original record beginning in 2003	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NECODE
NEOMAT	Core	Assigned from diagnoses and procedure codes: (0) not maternal or neonatal, (1) maternal diagnosis or procedure, (2) neonatal diagnosis, (3) maternal and neonatal on same record	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NEOMAT
NIS_STRATUM	Core (beginning with 2000 NIS), Hospital	Stratum used to sample hospitals, based on geographic region, control, location/teaching status, and bed size. Stratum information is also in the Hospital Weights file.	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NIS_STRATUM
NPR	Core	Number of procedures coded on the original record	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NPR
ORPROC	Core	Major operating room procedure indicator: (0) no major operating room procedure, (1) major operating room procedure	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	ORPROC
PAY1	Core	Expected primary payer, uniform: (1) Medicare, (2) Medicaid, (3) private including HMO, (4) self-pay, (5) no charge, (6) other	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	PAY1
PAY1_N	Core	Expected primary payer, nonuniform: (1) Medicare, (2) Medicaid, (3) Blue Cross, Blue Cross PPO, (4) commercial, PPO, (5) HMO, PHP, etc., (6) self-pay, (7) no charge, (8) Title V, (9) Worker's Compensation, (10) CHAMPUS, CHAMPVA, (11) other government, (12) other	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	PAY1_N
PAY1_X	Core	Expected primary payer, as received from the data source	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	PAY1_X
PAY2	Core	Expected secondary payer, uniform: (1) Medicare, (2) Medicaid, (3) private including HMO, (4) self-pay, (5) no charge, (6) other	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	PAY2
PAY2_N	Core	Expected secondary payer, nonuniform: (1) Medicare, (2) Medicaid, (3) Blue Cross, Blue Cross PPO, (4) commercial, PPO, (5) HMO, PHP, etc., (6) self-pay, (7) no charge, (8) Title V, (9) Worker's Compensation, (10) CHAMPUS, CHAMPVA, (11) other government, (12) other	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	PAY2_N
PAY2_X	Core	Expected secondary payer, as received from the data source	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	PAY2_X
PCCHPR1	Core	CCS category for principal procedure for NIS prior to 1998. CCS was formerly called the Clinical Classifications for Health Policy Research (CCHPR).	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	PCCHPR1
PCLASS1-PCLASS15	Dx_Pr_Grps	Procedure class for all procedures for NIS beginning in 2005	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	PCLASS1-PCLASS15
PL_NCHS2006	Core	Patient Location: NCHS Urban-Rural Code (V2006). This is a six-category urban-rural classification scheme for U.S. counties: (1) "Central" counties of metro areas of >=1 million population, (2) "Fringe" counties of metro areas of >=1 million population, (3) Counties in metro areas of 250,000-999,999 population, (4) Counties in metro areas of 50,000-249,999 population, (5) Micropolitan counties, (6) Not metropolitan or micropolitan counties	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	PL_NCHS2006
PL_UR_CAT4	Core	Patient location: Urban-Rural 4 categories	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	PL_UR_CAT4
POINTOFORIGIN_X	Core	Point of origin for admission or visit, as received from source	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	--	POINTOFORIGIN_X
POINTOFORIGIN_UB04	Core	Point of origin for admission or visit, UB-04 standard coding.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	--	POINTOFORIGIN_UB04
PR1-PR15	Core	Procedures, principal and secondary (ICD-9-CM)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	PR1-PR15
PRCCS1-PRCCS15	Core	CCS category for all procedures for NIS beginning in 1998	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	PRCCS1-PRCCS15
PRDAY1	Core	Number of days from admission to principal procedure. In the 1988-1997 NIS, only the day of principal procedure (PRDAY1) is available.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	PRDAY1
PRDAY2-PRDAY15	Core	Number of days from admission to secondary procedures. In the 1988-1997 NIS, only the day of principal procedure (PRDAY1) is available.	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	PRDAY2-PRDAY15
PRMCCS1	Dx_Pr_Grps	Multi-level clinical classification software (CCS) for principal procedure. Three levels for procedures presenting both the general groupings and very specific conditions	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	PRMCCS1
PROCESS	Core	Processing number	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	PROCESS
PRSYS	Core	Procedure system: (1) ICD-9-CM, (2) CPT-4, (3) HCPCS/CPT-4	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	PRSYS

The first column specifies the HCUP data element name. The second column indicates the file(s) in which the data element appears. The next column describes how the data element is defined in the NIS. The remaining columns refer to data years. Cells marked with "Yes" indicate that the data element is available for that year of the NIS. Cells marked with "--" indicate that the data element is not available for that year of the NIS. Refer to the Description of Data Elements for information on how the HCUP data elements are defined. Summary Statistics are available with means on all numeric data elements and frequency distributions on most categorical data elements.

HCUP Data Element	File(s)	Coding Notes	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2011	2012	HCUP Data Element
PRV1-PRV15	Core	Procedure validity flag: (0) Indicates a valid and consistent procedure code, (1) Indicates an invalid code for the discharge date	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	PRV1-PRV15
RACE	Core	Race, uniform coding: (1) white, (2) black, (3) Hispanic, (4) Asian or Pacific Islander, (5) Native American, (6) other	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	RACE
S_DISC_S	Hospital	Number of sampled discharges in the stratum STRAT_ST	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	S_DISC_S
S_DISC_U	Hospital	Number of sampled discharges in the sampling stratum (NIS_STRATUM or STRATUM)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	S_DISC_U
S_HOSP_S	Hospital	Number of sampled hospitals in STRAT_ST	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	S_HOSP_S
S_HOSP_U	Hospital	Number of sampled hospitals in the stratum (NIS_STRATUM or STRATUM)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	S_HOSP_U
SEQ	Core	Unique record number for NIS prior to 1998	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	SEQ
SEQ_SID	Core	Unique record number for NIS 1993-1998	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	SEQ_SID
SEX	Core	Indicates gender for NIS prior to 1998: (1) male, (2) female	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	SEX
ST_BEDSZ	Hospital	Bed size of hospital: (1) small, (2) medium, (3) large	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ST_BEDSZ
ST_OWNER	Hospital	Control/ownership of hospital: (1) public (2) private, non-profit (3) private for profit	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ST_OWNER
ST_REG	Hospital	Region of hospital: (1) Northeast, (2) Midwest, (3) South, (4) West	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ST_REG
STRAT_ST	Hospital	Stratum for State-specific weights prior to 1998	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	STRAT_ST
STRATUM	Hospital	Stratum used to sample hospitals prior to 1998; includes geographic region, control, location/teaching status, and bed size	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	STRATUM
SURGID_S	Core	Synthetic secondary physician number in files prior to 2001	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	SURGID_S
TOTAL_DISC	Hospital	Total number of discharges from this hospital in the NIS	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	TOTAL_DISC
TOTCHG	Core	Total charges, edited	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	TOTCHG
TOTCHG_X	Core	Total charges, as received from data source prior to 2012	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	TOTCHG_X
TOTDSCHG	Hospital	Total number of discharges from this hospital in the NIS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	TOTDSCHG
TRAN_IN	Core	Transfer in Indicator: (0) not a transfer, (1) transferred in from a different acute care hospital [ATYPE NE 4 & (ASOURCE=2 or POO=4)], (2) transferred in from another type of health facility [ATYPE NE 4 & (ASOURCE=3 or POO=5,6)]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	TRAN_IN
TRAN_OUT	Core	Transfer out Indicator: (0) not a transfer, (1) transferred out to a different acute care hospital, (2) transferred out to another type of health facility	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	TRAN_OUT
YEAR	Core, Hospital	Discharge year	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	YEAR
ZIPINC	Core	Median household income category in 1998-2002 NIS files: (1) $1-$24,999, (2) $25,000-$34,999, (3) $35,000-$44,999, (4) $45,000 and above	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	ZIPINC
ZIPINC_QRTL	Core	Median household income national quartiles for patient's ZIP Code	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	ZIPINC_QRTL
ZIPINC4	Core	Median household income category in files prior to 1998: (1) $1-$25,000, (2) $25,001-$30,000, (3) $30,001-$35,000, (4) $35,001 and above	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ZIPINC4
ZIPINC8	Core	Median household income category in files prior to 1998: (1) $1-$15,000, (2) $15,001-$20,000, (3) $20,001-$25,000, (4) $25,001-$30,000, (5) $30,001-$35,000, (6) $35,001-$40,000, (7) $40,001-$45,000, (8) $45,001 or more	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	ZIPINC8