Description of Data Elements

Nationwide Inpatient Sample (NIS)
Disease Severity Measure File

Severity measures are not available for every state. Please check the "State Specific Notes" section for each data element before analysis.

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APRDRG - All Patient Refined DRG

General Notes

The All Patient Refined DRGs (APR-DRGs) are assigned using software developed by 3M Health Information Systems. This severity measure includes the base APR-DRG, the severity of illness subclass, and the risk of mortality subclass within each base APR-DRG. The prefix "APRDRG" has been included in the data element names to distinguish APR-DRG measures from other HCUP data elements. For more information, please refer to the following documents available on the NIS Documentation CD-ROM and on the HCUP User Support Website (www.hcup-us.ahrq.gov):

- Overview of Severity Systems
- APR-DRGs V20 Methodology Booklet

Uniform Values			
Variable	Description	Value	Value Description
APRDRG	All Patient Refined DRG	nnn	APRDRG
		.	Missing

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

APRDRG - All Patient Refined DRG

General Notes

The All Patient Refined DRGs (APR-DRGs) are assigned using software developed by 3M Health Information Systems. This severity measure includes the base APR-DRG, the severity of illness subclass, and the risk of mortality subclass within each base APR-DRG. The prefix "APRDRG" has been included in the data element names to distinguish APR-DRG measures from other HCUP data elements. For more information, please refer to the following documents available on the NIS Documentation CD-ROM and on the HCUP User Support Website (www.hcup-us.ahrq.gov):

- Overview of Severity Systems
- APR-DRGs V20 Methodology Booklet

Uniform Values			
Variable	**Description**	**Value**	**Value Description**
APRDRG	All Patient Refined DRG	nnn	APRDRG
		.	Missing

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

APRDRG_Severity - All Patient Refined DRG: Severity of Illness Subclass

The All Patient Refined DRGs (APR-DRGs) are assigned using software developed by 3M Health Information Systems. This severity measure includes the base APR-DRG, the severity of illness subclass, and the risk of mortality subclass within each base APR-DRG. The prefix "APRDRG" has been included in the data element names to distinguish APR-DRG measures from other HCUP data elements. For more information, please refer to the following documents available on the NIS Documentation CD-ROM and on the HCUP User Support Website (www.hcup-us.ahrq.gov):

- Overview of Severity Systems
- APR-DRGs V20 Methodology Booklet

Uniform Values

Variable	Description	Value	Value Description
APRDRG_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
		.	Missing

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

APSDRG - All-Payer Severity-adjusted DRG

General Notes

The All-Payer Severity-adjusted DRGs (APS-DRGs) are assigned using software developed by HSS, Inc. This severity measure includes the APS-DRG group number and weights developed using the NIS for mortality, length of stay, and total charges. The prefix "APSDRG" has been included in the data element names to distinguish APS-DRG measures from other HCUP data elements. For more information, please refer to the following documents available on the NIS Documentation CD-ROM and on the HCUP User Support Website (www.hcup-us.ahrq.gov):

- Overview of Severity Systems
- APS-DRGs V20 Definitions Manual
- APS-DRGs V20 Weights Manual

Uniform Values			
Variable	**Description**	**Value**	**Value Description**
APSDRG	All-Payer Severity-adjusted DRG	nnns	APRDRG (where nnn is the Consolidated DRG and s is the severity class)
		.	Missing

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

APSDRG_Mortality_Weight - All-Payer Severity-adjusted DRG: Mortality Weight

General Notes

The All-Payer Severity-adjusted DRGs (APS-DRGs) are assigned using software developed by HSS, Inc. This severity measure includes the APS-DRG group number and weights developed using the NIS for mortality, length of stay, and total charges. The prefix "APSDRG" has been included in the data element names to distinguish APS-DRG measures from other HCUP data elements. For more information, please refer to the following documents available on the NIS Documentation CD-ROM and on the HCUP User Support Website (www.hcup-us.ahrq.gov):

- Overview of Severity Systems
- APS-DRGs V20 Definitions Manual
- APS-DRGs V20 Weights Manual

Uniform Values			
Variable	**Description**	**Value**	**Value Description**
APSDRG_Mortality_Weight	All-Payer Severity-adjusted DRG: Mortality Weight	nnn.nnnnn	APRDRG Mortality Weight
		.	Missing

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

APSDRG_LOS_Weight - All-Payer Severity-adjusted DRG: Length of Stay Weight

General Notes

The All-Payer Severity-adjusted DRGs (APS-DRGs) are assigned using software developed by HSS, Inc. This severity measure includes the APS-DRG group number and weights developed using the NIS for mortality, length of stay, and total charges. The prefix "APSDRG" has been included in the data element names to distinguish APS-DRG measures from other HCUP data elements. For more information, please refer to the following documents available on the NIS Documentation CD-ROM and on the HCUP User Support Website (www.hcup-us.ahrq.gov):

- Overview of Severity Systems
- APS-DRGs V20 Definitions Manual
- APS-DRGs V20 Weights Manual

Uniform Values

Variable	Description	Value	Value Description
APSDRG_LOS_Weight	All-Payer Severity-adjusted DRG: Length of Stay Weight	nnn.nnnnn	APRDRG Length of Stay Weight
		.	Missing

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

APSDRG_Charge_Weight - All-Payer Severity-adjusted DRG: Charge Weight

General Notes

The All-Payer Severity-adjusted DRGs (APS-DRGs) are assigned using software developed by HSS, Inc. This severity measure includes the APS-DRG group number and weights developed using the NIS for mortality, length of stay, and total charges. The prefix "APSDRG" has been included in the data element names to distinguish APS-DRG measures from other HCUP data elements. For more information, please refer to the following documents available on the NIS Documentation CD-ROM and on the HCUP User Support Website (www.hcup-us.ahrq.gov):

- Overview of Severity Systems
- APS-DRGs V20 Definitions Manual
- APS-DRGs V20 Weights Manual

Uniform Values			
Variable	Description	Value	Value Description
APSDRG_Charge_Weight	All-Payer Severity-adjusted DRG: Charge Weight	nnn.nnnnn	APRDRG Charge Weight
		.	Missing

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_AIDS - AHRQ comorbidity measure: acquired immune deficiency syndrome

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values			
Variable	Description	Value	Value Description
CM_AIDS	AHRQ comorbidity measure: acquired immune deficiency syndrome	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_ALCOHOL - AHRQ comorbidity measure: alcohol abuse

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values

Variable	Description	Value	Value Description
CM_ALCOHOL	AHRQ comorbidity measure: alcohol abuse	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_ANEMDEF - AHRQ comorbidity measure: deficiency anemias

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values			
Variable	Description	Value	Value Description
CM_ANEMDEF	AHRQ comorbidity measure: deficiency anemias	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_ARTH - AHRQ comorbidity measure: rheumatoid arthritis/collagen vascular diseases

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values			
Variable	Description	Value	Value Description
CM_ARTH	AHRQ comorbidity measure: rheumatoid arthritis/collagen vascular diseases	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_BLDLOSS - AHRQ comorbidity measure: chronic blood loss anemia

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values

Variable	Description	Value	Value Description
CM_BLDLOSS	AHRQ comorbidity measure: chronic blood loss anemia	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_CHF - AHRQ comorbidity measure: congestive heart failure

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values			
Variable	Description	Value	Value Description
CM_CHF	AHRQ comorbidity measure: congestive heart failure	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_CHRNLUNG - AHRQ comorbidity measure: chronic pulmonary disease

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values			
Variable	Description	Value	Value Description
CM_CHRNLUNG	AHRQ comorbidity measure: chronic pulmonary disease	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_COAG - AHRQ comorbidity measure: coagulopathy

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values			
Variable	Description	Value	Value Description
CM_COAG	AHRQ comorbidity measure: coagulopathy	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_DEPRESS - AHRQ comorbidity measure: depression

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values

Variable	Description	Value	Value Description
CM_DEPRESS	AHRQ comorbidity measure: depression	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_DM - AHRQ comorbidity measure: diabetes, uncomplicated

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values

Variable	Description	Value	Value Description
CM_DM	AHRQ comorbidity measure: diabetes, uncomplicated	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_DMCX - AHRQ comorbidity measure: diabetes with chronic complications

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values			
Variable	**Description**	**Value**	**Value Description**
CM_DMCX	AHRQ comorbidity measure: diabetes with chronic complications	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_DRUG - AHRQ comorbidity measure: drug abuse

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values			
Variable	Description	Value	Value Description
CM_DRUG	AHRQ comorbidity measure: drug abuse	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_HTN_C - AHRQ comorbidity measure: hypertension (combine uncomplicated and complicated)

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values			
Variable	Description	Value	Value Description
CM_HTN_C	AHRQ comorbidity measure: hypertension (combine uncomplicated and complicated)	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_HYPOTHY - AHRQ comorbidity measure: hypothyroidism

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values			
Variable	Description	Value	Value Description
CM_HYPOTHY	AHRQ comorbidity measure: hypothyroidism	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_LIVER - AHRQ comorbidity measure: liver disease

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values			
Variable	Description	Value	Value Description
CM_LIVER	AHRQ comorbidity measure: liver disease	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_LYMPH - AHRQ comorbidity measure: lymphoma

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values

Variable	Description	Value	Value Description
CM_LYMPH	AHRQ comorbidity measure: lymphoma	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_LYTES - AHRQ comorbidity measure: fluid and electrolyte disorders

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values			
Variable	Description	Value	Value Description
CM_LYTES	AHRQ comorbidity measure: fluid and electrolyte disorders	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_METS - AHRQ comorbidity measure: metastatic cancer

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values

Variable	Description	Value	Value Description
CM_METS	AHRQ comorbidity measure: metastatic cancer	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_NEURO - AHRQ comorbidity measure: other neurological disorders

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values			
Variable	**Description**	**Value**	**Value Description**
CM_NEURO	AHRQ comorbidity measure: other neurological disorders	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_OBESE - AHRQ comorbidity measure: obesity

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values			
Variable	Description	Value	Value Description
CM_OBESE	AHRQ comorbidity measure: obesity	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_PARA - AHRQ comorbidity measure: paralysis

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values

Variable	Description	Value	Value Description
CM_PARA	AHRQ comorbidity measure: paralysis	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_PERIVASC - AHRQ comorbidity measure: peripheral vascular disorders

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values			
Variable	Description	Value	Value Description
CM_PERIVASC	AHRQ comorbidity measure: peripheral vascular disorders	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_PSYCH - AHRQ comorbidity measure: psychoses

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values

Variable	Description	Value	Value Description
CM_PSYCH	AHRQ comorbidity measure: psychoses	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_PULMCIRC - AHRQ comorbidity measure: pulmonary circulation disorders

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values			
Variable	Description	Value	Value Description
CM_PULMCIRC	AHRQ comorbidity measure: pulmonary circulation disorders	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_RENLFAIL - AHRQ comorbidity measure: renal failure

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values			
Variable	Description	Value	Value Description
CM_RENLFAIL	AHRQ comorbidity measure: renal failure	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_TUMOR - AHRQ comorbidity measure: solid tumor without metastasis

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values			
Variable	**Description**	**Value**	**Value Description**
CM_TUMOR	AHRQ comorbidity measure: solid tumor without metastasis	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_ULCER - AHRQ comorbidity measure: peptic ulcer disease excluding bleeding

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values			
Variable	Description	Value	Value Description
CM_ULCER	AHRQ comorbidity measure: peptic ulcer disease excluding bleeding	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_VALVE - AHRQ comorbidity measure: valvular disease

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values			
Variable	Description	Value	Value Description
CM_VALVE	AHRQ comorbidity measure: valvular disease	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

CM_WGHTLOSS - AHRQ comorbidity measure: weight loss

General Notes

Comorbidity measures are assigned using the AHRQ comorbidity software. The AHRQ comorbidity measures identify coexisting medical conditions that are not directly related to the principal diagnosis, or the main reason for admission, and are likely to have originated prior to the hospital stay. Comorbidities are identified using ICD-9-CM diagnoses and the Diagnosis Related Group (DRG) in effect on the discharge date. The prefix "CM_" has been added to the AHRQ comorbidity software data element names to distinguish the comorbidity measures from other HCUP data elements. For more information, please refer to the materials available on the Tools and Software page of the HCUP User Support Website (http://www.hcup-us.ahrq.gov/tools_software.jsp).

Uniform Values			
Variable	Description	Value	Value Description
CM_WGHTLOSS	AHRQ comorbidity measure: weight loss	0	Comorbidity is not present
		1	Comorbidity is present

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

DS_DX_Category1 - Disease Staging: Principal Disease Category

General Notes

Disease Staging was assigned using software developed by Medstat. This severity measure includes the disease category and stage for the principal diagnosis and predictive scales for mortality, length of stay, and total charges. The predictive scales are recalibrated for the NIS. The prefix "DS_" has been included in the data element name to distinguish the Disease Staging measures from other HCUP data elements. For more information, please refer to the following documents available on the NIS Documentation CD-ROM and on the HCUP User Support Website (www.hcup-us.ahrq.gov):

- Overview of Severity Systems
- Disease Staging V5.2 Diagnostic Categories
- Disease Staging V5.2 Reference Guide

Uniform Values

Variable	Description	Value	Value Description
DS_DX_Category1	Disease Staging: Principal Disease Category	aaann	Principal Disease Category
		Blank	Missing

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

DS_Stage1 - Disease Staging: Stage of Principal Disease Category

Disease Staging was assigned using software developed by Medstat. This severity measure includes the disease category and stage for the principal diagnosis and predictive scales for mortality, length of stay, and total charges. The predictive scales are recalibrated for the NIS. The prefix "DS_" has been included in the data element name to distinguish the Disease Staging measures from other HCUP data elements. For more information, please refer to the following documents available on the NIS Documentation CD-ROM and on the HCUP User Support Website (www.hcup-us.ahrq.gov):

- Overview of Severity Systems
- Disease Staging V5.2 Diagnostic Categories
- Disease Staging V5.2 Reference Guide

Uniform Values

Variable	Description	Value	Value Description
DS_Stage1	Disease Staging: Stage of Principal Disease Category	n.nn	Principal Stage
		.	Missing

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

DS_LOS_Level - Disease Staging: Length of Stay Level

General Notes

Disease Staging was assigned using software developed by Medstat. This severity measure includes the disease category and stage for the principal diagnosis and predictive scales for mortality, length of stay, and total charges. The predictive scales are recalibrated for the NIS. The prefix "DS_" has been included in the data element name to distinguish the Disease Staging measures from other HCUP data elements. For more information, please refer to the following documents available on the NIS Documentation CD-ROM and on the HCUP User Support Website (www.hcup-us.ahrq.gov):

- Overview of Severity Systems
- Disease Staging V5.2 Diagnostic Categories
- Disease Staging V5.2 Reference Guide

Uniform Values			
Variable	**Description**	**Value**	**Value Description**
DS_LOS_Level	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)
		.	Missing

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

DS_LOS_Scale - Disease Staging: Length of Stay Scale

General Notes

Disease Staging was assigned using software developed by Medstat. This severity measure includes the disease category and stage for the principal diagnosis and predictive scales for mortality, length of stay, and total charges. The predictive scales are recalibrated for the NIS. The prefix "DS_" has been included in the data element name to distinguish the Disease Staging measures from other HCUP data elements. For more information, please refer to the following documents available on the NIS Documentation CD-ROM and on the HCUP User Support Website (www.hcup-us.ahrq.gov):

- Overview of Severity Systems
- Disease Staging V5.2 Diagnostic Categories
- Disease Staging V5.2 Reference Guide

Uniform Values			
Variable	**Description**	**Value**	**Value Description**
DS_LOS_Scale	Disease Staging: Length of Stay Scale	nnnnn.nnnnn	Length of Stay Scale
		.	Missing

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

DS_Mrt_Level - Disease Staging:Mortality Level

General Notes

Disease Staging was assigned using software developed by Medstat. This severity measure includes the disease category and stage for the principal diagnosis and predictive scales for mortality, length of stay, and total charges. The predictive scales are recalibrated for the NIS. The prefix "DS_" has been included in the data element name to distinguish the Disease Staging measures from other HCUP data elements. For more information, please refer to the following documents available on the NIS Documentation CD-ROM and on the HCUP User Support Website (www.hcup-us.ahrq.gov):

- Overview of Severity Systems
- Disease Staging V5.2 Diagnostic Categories
- Disease Staging V5.2 Reference Guide

Uniform Values			
Variable	**Description**	**Value**	**Value Description**
DS_Mrt_Level	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)
		.	Missing

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

DS_Mrt_Scale - Disease Staging: Mortality Scale

General Notes

Disease Staging was assigned using software developed by Medstat. This severity measure includes the disease category and stage for the principal diagnosis and predictive scales for mortality, length of stay, and total charges. The predictive scales are recalibrated for the NIS. The prefix "DS_" has been included in the data element name to distinguish the Disease Staging measures from other HCUP data elements. For more information, please refer to the following documents available on the NIS Documentation CD-ROM and on the HCUP User Support Website (www.hcup-us.ahrq.gov):

- Overview of Severity Systems
- Disease Staging V5.2 Diagnostic Categories
- Disease Staging V5.2 Reference Guide

Uniform Values			
Variable	**Description**	**Value**	**Value Description**
DS_Mrt_Scale	Disease Staging: Mortality Scale	nnnnn.nnnnn	Mortality Scale
		.	Missing

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

DS_RD_Level - Disease Staging: Resource Demand Level

General Notes

Disease Staging was assigned using software developed by Medstat. This severity measure includes the disease category and stage for the principal diagnosis and predictive scales for mortality, length of stay, and total charges. The predictive scales are recalibrated for the NIS. The prefix "DS_" has been included in the data element name to distinguish the Disease Staging measures from other HCUP data elements. For more information, please refer to the following documents available on the NIS Documentation CD-ROM and on the HCUP User Support Website (www.hcup-us.ahrq.gov):

- Overview of Severity Systems
- Disease Staging V5.2 Diagnostic Categories
- Disease Staging V5.2 Reference Guide

Uniform Values			
Variable	**Description**	**Value**	**Value Description**
DS_RD_Level	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)
		.	Missing

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

DS_RD_Scale - Disease Staging: Resource Demand Scale

General Notes

Disease Staging was assigned using software developed by Medstat. This severity measure includes the disease category and stage for the principal diagnosis and predictive scales for mortality, length of stay, and total charges. The predictive scales are recalibrated for the NIS. The prefix "DS_" has been included in the data element name to distinguish the Disease Staging measures from other HCUP data elements. For more information, please refer to the following documents available on the NIS Documentation CD-ROM and on the HCUP User Support Website (www.hcup-us.ahrq.gov):

- Overview of Severity Systems
- Disease Staging V5.2 Diagnostic Categories
- Disease Staging V5.2 Reference Guide

Uniform Values			
Variable	Description	Value	Value Description
DS_RD_Scale	Disease Staging: Resource Demand Scale	nnnnn.nnnnn	Resource Demand Scale
		.	Missing

State Specific Notes

Pennsylvania

This data element is not available for discharges from Pennsylvania.

HOSPID - HCUP hospital identification number

General Notes

There are up to three different types of hospital identifiers included in the HCUP databases.

- The data source's own number scheme for identifying hospitals and facilities (DSHOSPID),
- The hospital identifier used by the American Hospital Association (AHAID and IDNUMBER), and
- A unique HCUP hospital identifier (HOSPID).

The hospital entity as defined by the data source may differ from the hospital entity as defined by the AHA. For example, the data source treats two separate facilities as two hospitals, while the AHA Annual Survey treats the two facilities as a single hospital, or vice versa. For consistency across states, HCUP defines hospitals in accordance with the American Hospital Association Annual Survey of Hospitals. During HCUP data processing, the data source's identification of the hospital is reconciled with the identification of the hospital in the AHA Annual Survey of Hospitals. For detailed information about this linking process, see the special report on HCUP Hospital Identifiers.

The HCUP hospital identifier (HOSPID) is based on the AHA hospital identifier and is defined as:

- SSnnn, where SS = State FIPS Code, and
- nnn = hospital number unique to state.

HOSPID is missing for some hospitals because an AHA hospital identifier cannot be determined. Hospitals may not be registered with the AHA or the source-provided information cannot be matched to the AHA.

The data element HOSPID is available in the Hospital file.

Uniform Values			
Variable	**Description**	**Value**	**Value Description**
HOSPID	HCUP hospital identification number	5(n)	HCUP hospital identification number
		Blank	Missing

State Specific Notes

None

KEY - Unique record identifier

General Notes

KEY contains a unique record identifier. Beginning in the 1998 data, all HCUP databases are sorted by KEY.

KEY can be used to link within a HCUP database, such as linking records in the Core and Charges files in the SID.

KEY can be used to link across HCUP databases within a data type, i.e., link records in the SID to records in the NIS.

KEY is a unique record identifier and not a person identifier. KEY cannot be used to link records between HCUP inpatient and ambulatory surgery files.

KEY replaces the database-specific record identifiers used in the 1988-1997 HCUP databases (SEQ, SEQ_SID, and SEQ_ASD).

Uniform Values			
Variable	**Description**	**Value**	**Value Description**
KEY	Unique record identifier	14(n)	Unique record identifier

State Specific Notes
None