# **Description of Data Elements**

# Nationwide Inpatient Sample (NIS) Disease Severity Measure File

Prior to 2004, severity measures are not available for every state. Please check the "State Specific Notes" section for each data element before analysis. The State specific notes are in order by State postal code, not alphabetically by State. For example, a note for New Jersey (NJ) will appear before a note for Nevada (NV).

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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	nnn	APRDRG	
	Refined DRG	•	Missing	

State Specific Notes

#### Pennsylvania

# APRDRG\_Risk\_Mortality - All Patient Refined DRG: Risk of Mortality Subclass

#### **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_Risk_Mortality	y All Patient Refined DRG: Risk of Mortality Subclass	0	No class specified													
		DRG: Risk of Mortality	DRG: Risk of Mortality	1	Minor likelihood of dying											
															2	Moderate likelihood of dying
				3	Major likelihood of dying											
		4	Extreme likelihood of dying													
		•	Missing													

## State Specific Notes

#### Pennsylvania

# APRDRG\_Severity - All Patient Refined DRG: Severity of Illness Subclass

#### **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_Severity	Refined DRG: Severity of Illness	0	No class specified		
		1	Minor loss of function (includes cases with no comorbidity or complications)		
		Subclass	2	Moderate loss of function	
		3	Major loss of function		
		4	Extreme loss of function		
		•	Missing		

## State Specific Notes

#### 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		Value Description		
APSDRG	All-Payer Severity-	nnns	APSDRG (where nnn is the Consolidated DRG and s is the severity class)	
	adjusted DRG	•	Missing	

#### State Specific Notes

#### Pennsylvania

# APSDRG\_Mortality\_Weight - All-Payer Severityadjusted 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	APSDRG Mortality Weight Missing		

## **State Specific Notes**

#### 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	•	nnn.nnnnn	APSDRG Length of Stay Weight		
	Severity- adjusted DRG: Length of Stay Weight		Missing		

## **State Specific Notes**

#### 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		nnn.nnnnn	APSDRG Charge Weight		
	Severity- adjusted DRG: Charge Weight	•	Missing		

## **State Specific Notes**

#### 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	0	Comorbidity is not present	
	comorbidity measure: acquired immune deficiency syndrome	1	Comorbidity is present	

## **State Specific Notes**

## Pennsylvania

# CM\_ALCOHOL - AHRQ comorbidity measure: alcohol 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 Variable		Value	Value Description		
CM_ALCOHOL		0	Comorbidity is not present		
	comorbidity measure: alcohol abuse	1	Comorbidity is present		

## State Specific Notes

#### 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		0	Comorbidity is not present
	comorbidity measure: deficiency anemias	1	Comorbidity is present

## State Specific Notes

#### 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	RTH AHRQ	0	Comorbidity is not present	
	comorbidity measure: rheumatoid arthritis/collagen vascular diseases	1	Comorbidity is present	

## **State Specific Notes**

## Pennsylvania

# CM\_BLDLOSS - AHRQ comorbidity measure: chronic blood loss anemia

#### **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_BLDLOSS AHRQ	AHRQ	0	Comorbidity is not present
	comorbidity measure: chronic blood loss anemia	1	Comorbidity is present

## State Specific Notes

#### 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	0	Comorbidity is not present	
	comorbidity measure: congestive heart failure	1	Comorbidity is present

## State Specific Notes

#### 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		0	Comorbidity is not present
	comorbidity measure: chronic pulmonary disease	1	Comorbidity is present

## State Specific Notes

## 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	0	Comorbidity is not present		
	comorbidity measure: coagulopathy	1	Comorbidity is present	

## State Specific Notes

#### Pennsylvania

# CM\_DEPRESS - AHRQ comorbidity measure: depression

#### **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_DEPRESS AHR	AHRQ	0	Comorbidity is not present
	comorbidity measure: depression	1	Comorbidity is present

## State Specific Notes

#### Pennsylvania

# CM\_DM - AHRQ comorbidity measure: diabetes, uncomplicated

#### **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_DM AHRQ	0	Comorbidity is not present		
	comorbidity measure: diabetes, uncomplicated	1	Comorbidity is present	

## State Specific Notes

#### 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	0	Comorbidity is not present	
	comorbidity measure: diabetes with chronic complications	1	Comorbidity is present

## State Specific Notes

#### 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	M_DRUG AHRQ	0	Comorbidity is not present	
	comorbidity measure: drug abuse	1	Comorbidity is present	

## State Specific Notes

#### 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		0	Comorbidity is not present	
	comorbidity measure: hypertension (combine uncomplicated and complicated)	1	Comorbidity is present	

## State Specific Notes

#### 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	0	Comorbidity is not present
	comorbidity measure: hypothyroidism	1	Comorbidity is present

## State Specific Notes

#### 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	0	Comorbidity is not present				
	comorbidity measure: liver disease	1	Comorbidity is present			

## State Specific Notes

#### 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	0	Comorbidity is not present			
	comorbidity measure: lymphoma	1	Comorbidity is present			

## State Specific Notes

#### 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	CM_LYTES AHRQ	0	Comorbidity is not present			
	comorbidity measure: fluid and electrolyte disorders	1	Comorbidity is present			

## State Specific Notes

#### 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	0	Comorbidity is not present				
	comorbidity measure: metastatic cancer	1	Comorbidity is present			

## State Specific Notes

#### 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	0	Comorbidity is not present			
	comorbidity measure: other neurological disorders	1	Comorbidity is present			

## State Specific Notes

#### 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	0	Comorbidity is not present			
	comorbidity measure: obesity	1	Comorbidity is present			

## State Specific Notes

#### Pennsylvania

# **CM\_PARA - AHRQ comorbidity measure: paralysis**

#### **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_PARA AHRQ	0	Comorbidity is not present				
	comorbidity measure: paralysis	1	Comorbidity is present			

## State Specific Notes

#### 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	0	Comorbidity is not present			
	comorbidity measure: peripheral vascular disorders	1	Comorbidity is present		

## State Specific Notes

#### Pennsylvania

# **CM\_PSYCH - AHRQ comorbidity measure: psychoses**

#### **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			
	M_PSYCH AHRQ	0	Comorbidity is not present			
	comorbidity measure: psychoses	1	Comorbidity is present			

## State Specific Notes

#### 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	0	Comorbidity is not present			
	comorbidity measure: pulmonary circulation disorders	1	Comorbidity is present		

## State Specific Notes

#### 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		0	Comorbidity is not present	
	comorbidity measure: renal failure	1	Comorbidity is present	

## State Specific Notes

#### 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	UMOR AHRQ	0	Comorbidity is not present			
	comorbidity measure: solid tumor without metastasis	1	Comorbidity is present			

## State Specific Notes

#### 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		0	Comorbidity is not present		
	comorbidity measure: peptic ulcer disease excluding bleeding	1	Comorbidity is present		

# State Specific Notes

# 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	0	Comorbidity is not present		
	comorbidity measure: valvular disease	1	Comorbidity is present	

# State Specific Notes

# 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	0	Comorbidity is not present	
	comorbidity measure: weight loss	1	Comorbidity is present	

# State Specific Notes

## 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 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	
,	Disease	aaann	Principal Disease Category	
	Staging: Principal Disease Category	Blank	Missing	

# **State Specific Notes**

## Pennsylvania

# DS\_Stage1 - Disease Staging: Stage of 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 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	n.nn	Principal Stage		
	Staging: Stage of Principal Disease Category	•	Missing	

## **State Specific Notes**

#### 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 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	el Disease	1	Very low (less than 5% of patients)		
	Staging: Length	2	Low (5 - 25% of patients)		
	of Stay Level	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

# 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 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		nnnnn.nnnnn	Length of Stay Scale	
	Staging: Length of Stay Scale	•	Missing	

# **State Specific Notes**

# 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 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

# 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 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	
	S_Mrt_Scale Disease	nnnnn.nnnnn	Mortality Scale	
	Staging: Mortality Scale	•	Missing	

## State Specific Notes

#### 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 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	DS_RD_Level Disease Staging:	1	Very low (less than 5% of patients)	
		2	Low (5 - 25% of patients)	
	Resource Demand Level	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

# 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 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	nnnnn.nnnnn	Resource Demand Scale		
	Staging: Resource Demand Scale	•	Missing	

## **State Specific Notes**

# 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
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None