# HOSPITAL PERFORMANCE PEPORT 17 Common Medical Conditions and Surgical Procedures • 2013 Data





**Western Pennsylvania** 





#### **About PHC4**

The Pennsylvania Health Care Cost Containment Council (PHC4) is an independent state agency that collects, analyzes and reports information that can be used to improve the quality and restrain the cost of health care in the state. It was created in the mid-1980s when Pennsylvania businesses and labor unions, in collaboration with other key stakeholders, joined forces to enact market-oriented health care reforms. As a result of their years of effort, the General Assembly passed legislation (Act 89 of 1986) creating PHC4.

PHC4's primary goal is to empower purchasers of health care benefits, such as businesses and labor unions, as well as other stakeholders, with information they can use to improve quality and restrain costs. Nearly 100 organizations and individuals annually utilize PHC4's special requests process to access and use data. More than 840,000 public reports on patient treatment results are downloaded from the PHC4 website annually. Today, PHC4 is a recognized national leader in public health care reporting.

A 25-member board of directors representing business, labor, consumers, health care providers, insurers and state government governs PHC4.

#### Additional Information on the PHC4 Website

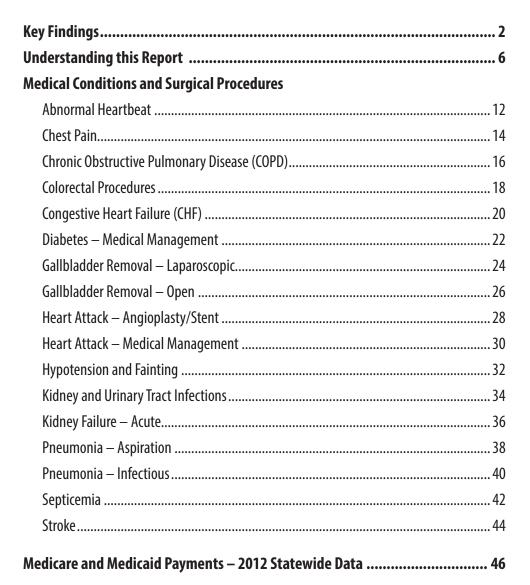
Hospitals may have commented on this report. Comments are available on the PHC4 website at **www.phc4.org** or by request.

Technical information about the methodology and the calculations used for this report is detailed in a supplement, the *Technical Notes*, which is accessible from the website.

Hospital specific data details for each of the three regional versions of this report are available in a collective format, as Downloadable Data Sets, which can be accessed from the website.



# Table of Contents





# Counties included in this Report:

Allegheny

Armstrong

Beaver

Bedford

Blair

Butler

Cambria

Cameron

Clarion

Clearfield

Crawford

Elk

Frie

**Fayette** 

Forest

Greene

Indiana

Jefferson

Lawrence

McKean

Mercer

Potter

Somerset

Venango

Warren

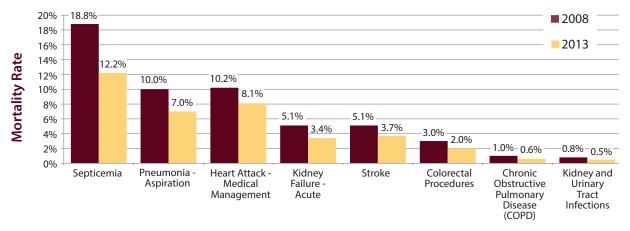
Washington

Westmoreland

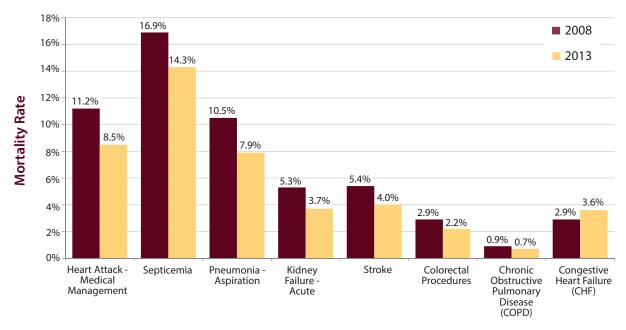
# **Key Findings**

## **Mortality Rates**

• Statewide in-hospital mortality rates showed a statistically significant decrease in eight of the 16 conditions reported in 2008 and 2013 (as graphed below). The largest decrease was in Septicemia, where the mortality rate decreased from 18.8% in 2008 to 12.2% in 2013. No condition showed a statistically significant increase during that time.



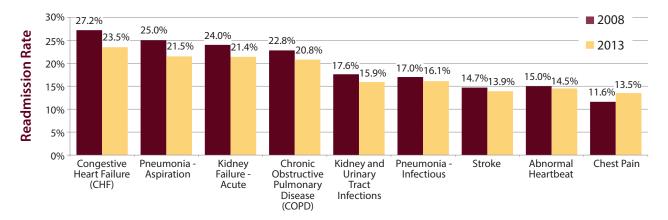
• In Western Pennsylvania, patient mortality rates showed a statistically significant decrease in seven of the 16 conditions reported in 2008 and 2013. Of these, the largest decrease was in Heart Attack - Medical Management, where the mortality rate decreased from 11.2% in 2008 to 8.5% in 2013. The only statistically significant increase was in Congestive Heart Failure (CHF), where the mortality rate increased from 2.9% in 2008 to 3.6% in 2013.



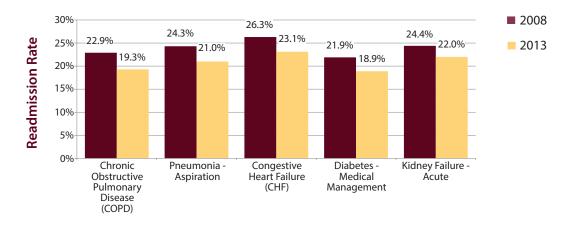
After accounting for patient risk, hospitals in the Western Pennsylvania region as a whole had a
significantly higher mortality rate than the rest of the state for Chronic Obstructive Pulmonary Disease
(COPD), Congestive Heart Failure (CHF), Pneumonia - Aspiration, Pneumonia - Infectious and
Septicemia. There were no conditions for which hospitals in the Western Pennsylvania region as a whole
had a significantly lower mortality rate than the rest of the state.

#### **Readmission Rates**

• Statewide patient readmission rates showed a statistically significant decrease in eight of the 13 conditions for which readmissions were reported in 2008 and 2013. The largest statistically significant decrease was in Congestive Heart Failure (CHF), where the readmission rate decreased from 27.2% in 2008 to 23.5% in 2013. The statewide patient readmission rate for Chest Pain increased significantly from 11.6% in 2008 to 13.5% in 2013.



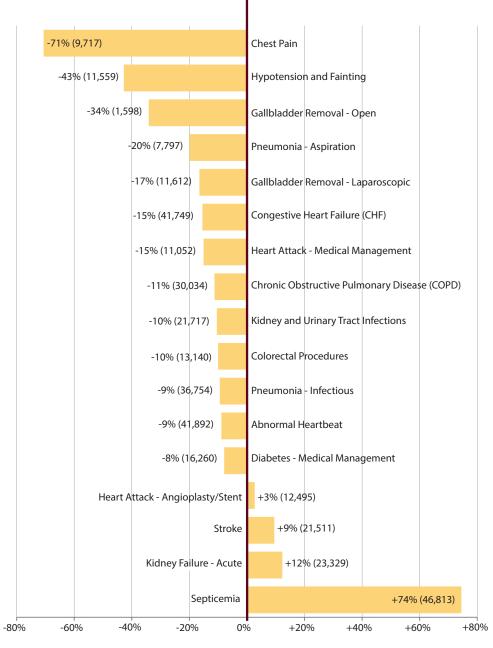
• In Western Pennsylvania, patient readmission rates showed a statistically significant decrease in five of the 13 conditions for which readmissions were reported in 2008 and 2013. Of these, the largest decrease was in Chronic Obstructive Pulmonary Disease (COPD), where the readmission rate decreased from 22.9% in 2008 to 19.3% in 2013. No condition showed a statistically significant increase during that time.



After accounting for patient risk, hospitals in the Western Pennsylvania region as a whole had a
significantly lower readmission rate than the rest of the state for Chronic Obstructive Pulmonary Disease
(COPD) and Diabetes - Medical Management. There were no conditions for which hospitals in the
Western Pennsylvania region as a whole had a significantly higher readmission rate than the rest of the
state.

#### **Volume of Hospital Admissions**

• The following chart shows the statewide percent change in volume, from 2008 to 2013, for each of the 17 conditions and procedures included in this report (admission totals in 2013 are shown in parentheses). Chest Pain had the largest percentage decrease in volume (-70.6%), from 33,084 discharges in 2008 to 9,717 in 2013. Septicemia had the largest percentage increase in volume (+74.5%), from 26,832 discharges in 2008 to 46,813 in 2013.



Percent Change in Volume, 2008 to 2013

## Medicare and Medicaid Payments (2012 data for Pennsylvania residents)

#### Medicare Fee-For-Service

- Medicare fee-for-service was the primary payer for 39.7% of the statewide admissions in 2012 for the conditions and procedures in this report, amounting to a total of over \$1.01 billion.
- The condition with the highest average Medicare fee-for-service payment in 2012 was Colorectal Procedures, at \$18,691 per hospitalization. The condition with the lowest average Medicare fee-for-service payment in 2012 was Chest Pain, at \$2,796 per hospitalization.

#### Medicaid Fee-For-Service

- Medicaid fee-for-service was the primary payer for 3.0% of the statewide admissions in 2012 for the conditions and procedures in this report, amounting to a total of over \$97 million.
- The condition with the highest average Medicaid fee-for-service payment in 2012 was Colorectal Procedures, at \$17,813 per hospitalization. The condition with the lowest average Medicaid fee-for-service payment in 2012 was Chest Pain, at \$4,097 per hospitalization.

## **Medicaid Managed Care**

- Medicaid managed care was the primary payer for 4.8% of the statewide admissions in 2012 for the conditions and procedures in this report, amounting to a total of nearly \$133 million.
- The condition with the highest average Medicaid managed care payment in 2012 was Colorectal Procedures, at \$18,778 per hospitalization. The condition with the lowest average Medicaid managed care payment in 2012 was Chest Pain, at \$4,025 per hospitalization.

Note: Differences in the approaches used by Medicare and Medicaid in determining payments may account for some of the variation seen across these payers for a given condition.



# **Understanding this Report**

#### What is the purpose of this report?

Before we make a major purchase, we usually gather as much information as we can about the available product or service. By comparing what we learn about the quality of the product as well as what will be charged for it, we decide on what we believe is the best product for the best possible price.

When it comes to health care services, unfortunately, the information available to consumers and purchasers to make

such decisions is limited and often not widely accessible. PHC4's Hospital Performance Report (HPR) can help to fill the information vacuum and assist consumers and purchasers in making more informed health

care decisions.

The HPR can also serve as an aid to providers in highlighting additional opportunities for quality improvement and cost containment. It should not be used in emergency situations.

#### **About this report**

- This report includes hospital-specific outcomes for 17 medical conditions and surgical procedures, as defined by ICD-9-CM (International Classification of Diseases, Ninth Revision, Clinical Modification) codes and/or Medicare Severity – Diagnosis-Related Groups (MS-DRGs).
- Technical Notes relevant to this report provide additional detail.
   They are posted to PHC4's website at www.phc4.org.
- This report covers adult (18 years and older) inpatient hospital discharges, regardless of payer, during calendar year 2013.
- This report is divided into three regional versions: Western Pennsylvania, Central and Northeastern Pennsylvania and Southeastern Pennsylvania.
- All Pennsylvania general acute care
   and most specialty general acute care
   hospitals are included. Children's
   hospitals and some specialty hospitals
   are not reported because they
   typically treat few cases relevant to the
   conditions and procedures included
   in this report. Hospitals that closed or
   merged with other facilities during the
   study period are not reported, nor are
   hospitals that recently opened since
   the data available does not represent
   the full time frame of the report.



 Hospital names have been shortened in many cases for formatting purposes. Hospital names may be different today than they were during the period covered in this report due to mergers and name changes.

#### Where does the data come from?

Hospital discharge data compiled for this report was submitted to PHC4 by Pennsylvania hospitals. The data was subject to standard validation processes by PHC4 and verified for accuracy by the hospitals at the individual case level. Medicare Fee-For-Service (FFS) payment data was obtained from the Centers for Medicare and Medicaid Services. Medicaid payment data (FFS and managed care) was obtained from the Pennsylvania Department of Human Services.

# **Accounting for high-risk patients**

Included in the data PHC4 receives from Pennsylvania hospitals is information indicating, in simple terms, "how sick the patient was"—information that is used to account for high-risk patients. Even though two patients may be admitted to the hospital with the same illness, there may be differences in the seriousness of their conditions. In order to report fair comparisons among hospitals, PHC4 uses a complex mathematical formula to risk adjust the



mortality and readmission data included in this report, meaning that hospitals receive "extra credit" for treating patients who are more seriously ill or at a greater risk than others. Risk adjusting the data is important because sicker patients may be more likely to die or be readmitted.

PHC4 uses clinical laboratory data, patient characteristics such as age and gender, and billing codes that describe the patient's medical conditions, such as the presence of cancer, diabetes, etc., to calculate risk for the patients in this report. A comprehensive description of the risk-adjustment techniques used can be found in the Technical Notes on PHC4's website at www.phc4.org.



# What is measured in the report and why is it important?

PHC4's mission is to provide the public with information that will help to improve the quality of health care services while also providing opportunities to restrain costs. The measurement of quality in health care is not an exact science. There may be a number of ways to define quality; however, for the purposes of this report, the following measures are suggested.

• *Volume of Cases* – For each hospital, the number of cases for each condition, after exclusions, is reported. This can give a patient or a purchaser an idea of the experience each facility has in treating such patients. Studies have suggested that, in at least some areas, the volume

of cases treated by a physician or hospital can be a factor in the success of the treatment. The number of cases represents separate hospital admissions, not individual patients. A patient admitted several times would be included each time in the number of cases. Outcome data are not reported for hospitals that had fewer than five cases evaluated for a measure; such low volume cannot be considered meaningful and, as such, the outcome data are not displayed. Not Reported (NR) appears in the table when this occurs.

Note: Small or specialty hospitals may report low volume due to the unique patient population they serve or geographic location.

- **Risk-Adjusted Mortality** This measure is reported as a statistical rating that represents the number of patients who died during the hospital stay. To determine the mortality rating, PHC4 compares the number of patients one could reasonably expect to die in a given hospital in a given condition, after accounting for patient risk, with the actual number of deaths. (Please see "Understanding the Symbols" box on this page.) PHC4 has used risk-adjusted mortality statistics as a measure of quality since it began publishing reports in 1989. The mortality analysis includes Do Not Resuscitate (DNR) cases. Because DNR is defined and utilized differently across Pennsylvania hospitals, such records are retained in the analysis to avoid potential biases in mortality ratings.
- rating that represents the number of patients who were readmitted following their initial hospital stay. A readmission is defined as a subsequent acute care hospitalization, for any reason in any Pennsylvania hospital, where the admit date is within 30 days of the discharge

date of the original hospitalization. To determine the risk-adjusted readmission rating, PHC4 compares the number of patients one could reasonably expect to be readmitted, after accounting for patient risk, with the actual number of readmissions. (Please see "Understanding the Symbols" box on this page.) The readmission measure is not reported for conditions or procedures that are likely to result in a high number of planned readmissions. While some re-hospitalizations can be expected, high quality care may lessen the need for subsequent hospitalizations.

# **Understanding the Symbols**

The symbols displayed in this report represent a comparison of a hospital's actual rate to what is expected after accounting for patient risk.

0	Hospital's rate was significantly lower than expected.	Fewer patients died or were readmitted than could be attributed to patient risk and random variation.
•	Hospital's rate was not significantly different than expected.	The number of patients who died or were readmitted was within the range anticipated based on patient risk and random variation.
•	Hospital's rate was sig- nificantly higher than expected.	More patients died or were readmitted than could be attributed to patient risk and random variation.



• Case-Mix Adjusted Hospital
Charges – This report also includes
the average hospital charge for each
of the 17 conditions and procedures.
The average charge reported is for
the entire length of the hospital
stay. It does not include professional
fees (e.g., physician fees) or other
additional post-discharge costs, such

as rehabilitation treatment, long-term care and/or home health care. The average charge was adjusted for the mix of cases that was specific to each hospital. (For more information, please refer to the Technical Notes at www.phc4.org). While charges are what the hospital reports on the billing form, they may not accurately represent the amount a hospital receives in payment for the services it delivers. Hospitals usually receive less in actual payments than the listed charge.

#### Medicare and Medicaid

Payments – In a separate section, payments are displayed separately for Medicare fee-for-service, Medicaid fee-for-service and Medicaid managed care for the 17 medical conditions/ surgical procedures included in this report. This information is also broken down by the MS-DRGs (Medicare Severity – Diagnosis-Related Group) associated with each condition/procedure. The most recent payment data available to PHC4 was for calendar year 2012.

# How to use this report

Patients/Consumers can use this
report as an aid in making decisions
about where to seek treatment for
the conditions detailed in this report.
As with any health care decision,

PHC4 urges the reader to use this report in conjunction with a physician or other health care provider when making a health care decision.

- Group Benefits Purchasers/
  Insurers can use this report as part of a process in determining where employees, subscribers, members or participants should go for their health care.
- Health Care Providers can
  use this report as an aid in
  identifying opportunities for
  quality improvement and cost
  containment.
- Policymakers/Public Officials can
  use this report to enhance their
  understanding of health care issues,
  to ask provocative questions, to raise
  public awareness of important issues
  and to help constituents identify
  quality health care options.

All of the previously mentioned groups can use this information to raise important questions about why differences exist in the quality and efficiency of care.

This report can be used as a tool to examine hospital performance in specific treatment categories. It should not be used to generalize about the overall quality of care at a hospital.



The measurement of quality is highly complex, and the information used to capture such measures is limited. A hospital death is frequently an unavoidable consequence of a patient's medical condition. Hospitals and physicians may do everything right, and the patient can still die. However, the statistical methods used for this report eliminate many of the clinical and medical differences among the patients in different hospitals, thereby allowing us to explore the real differences in the measures presented. The pursuit of these issues can play an important and constructive role in raising the quality while restraining the cost of health care in the Commonwealth of Pennsylvania.

#### **Abnormal Heartbeat**

Includes abnormalities in the heart rate (how fast or slow the heart beats) and/or the heart rhythm (how regular/steady the heart beats). Common examples include tachycardia (too fast), bradycardia (too slow) and atrial fibrillation (too fast and irregular).

#### **Understanding the Symbols**

- O Rate significantly lower than expected.
- Rate not significantly different than expected.
- Rate significantly higher than expected.
- NR Not reported. Fewer than five cases evaluated.

Abnormal Heartbeat					
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge	
TOTAL: Statewide	41,892	0.9	14.5	\$38,338	
Western Pennsylvania	14,052	0.9	14.6	\$25,698	
ACMH	128	0	· ·	\$17,963	
Allegheny General	597	0	· ·	\$27,355	
Allegheny Valley	236	•	·	\$22,399	
Bradford Regional	56	0	•	\$12,659	
Brookville	15	•	·	\$10,266	
Butler Memorial	475	0	·	\$25,953	
Canonsburg	79	0	·	\$23,977	
Charles Cole Memorial	36	0	·	\$13,541	
Clarion	57	0	· ·	\$11,825	
Clearfield	64	0	•	\$14,745	
Conemaugh Valley Memorial	632	0	•	\$18,282	
Corry Memorial	6	0	NR	\$20,654	
DuBois Regional	214	0	•	\$14,296	
Elk Regional	89	0	·	\$13,316	
Ellwood City	82	0	•	\$12,902	
Excela HIth Westmoreland	587	0	•	\$24,089	
Forbes	390	0	·	\$21,213	
Frick	125	0	·	\$17,688	
Grove City	74	0	·	\$21,562	
Heritage Valley Beaver	445	0	·	\$14,413	
Heritage Valley Sewickley	191	0	·	\$13,616	
Highlands	45	0	·	\$20,519	
Indiana Regional	236	0	•	\$16,801	
Jameson Memorial	189	0	•	\$16,003	
Jefferson	581	0	•	\$20,273	
Kane Community	21	0	•	\$14,271	
Latrobe Area	218	0	•	\$19,378	
Magee Womens/UPMC	43	0	0	\$28,541	

Abnormal Heartbeat						
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge		
Meadville	171	0	<b>⊙</b>	\$21,317		
Meyersdale Community	6	0	0	\$15,933		
Millcreek Community	43	0	0	\$17,533		
Miners	10	0	<b>⊙</b>	\$16,118		
Monongahela Valley	203	0	<b>⊙</b>	\$22,201		
Nason	37	0	<b>⊙</b>	\$10,094		
Ohio Valley General	88	0	<b>⊙</b>	\$29,227		
Punxsutawney Area	25	0	·	\$11,711		
Saint Vincent	500	0	·	\$31,715		
Sharon Regional	356	0	·	\$21,683		
Somerset	77	0	·	\$22,527		
Southwest Regional MC	45	0	·	\$15,819		
St Clair Memorial	609	0	•	\$21,628		
Titusville Area	26	0	·	\$8,182		
Tyrone	21	0	·	\$15,726		
Uniontown	298	•	·	\$11,417		
UPMC Altoona	507	0	•	\$21,764		
UPMC Bedford	73	0	<b>⊙</b>	\$13,984		
UPMC East	294	0	·	\$30,163		
UPMC Hamot	639	0	<b>⊙</b>	\$33,265		
UPMC Horizon	217	0	<b>⊙</b>	\$21,594		
UPMC McKeesport	227	0	·	\$30,559		
UPMC Mercy	464	0	·	\$32,199		
UPMC Northwest	161	0	•	\$16,777		
UPMC Passavant	717	•	·	\$33,814		
UPMC Presby Shadyside	1,323	•	·	\$46,575		
UPMC St Margaret	352	0	0	\$29,117		
Warren General	38	0	•	\$20,460		
Washington	478	0	•	\$18,961		
West Penn	81	0	·	\$26,392		
Windber	49	0	0	\$15,172		

#### **Chest Pain**

Pain in the chest that is usually not related to the heart (non-cardiac chest pain). Common causes for this type of chest pain include gastric reflux ("heartburn"), pleurisy (inflammation of the membrane around the lungs) and problems with the ribs and muscles of the chest.

#### **Understanding the Symbols**

The symbols displayed in this report represent a comparison of a hospital's actual rate of mortality or readmission to its expected rate, which takes into account varying illness levels among patients. See page 9.

- O Rate significantly lower than expected.
- Rate not significantly different than expected.
- Rate significantly higher than expected.
- NR Not reported. Fewer than five cases evaluated.

Chest Pain					
Hospital	Cases	Readmissions (for any reason)	Average Hospital Charge		
TOTAL: Statewide	9,541	13.5	\$20,730		
Western Pennsylvania	2,279	12.5	\$12,606		
ACMH	9	· ·	\$6,771		
Allegheny General	56	·	\$16,766		
Allegheny Valley	16	· ·	\$14,405		
Bradford Regional	6	· ·	\$7,220		
Brookville	1	NR	NR		
Butler Memorial	38	· ·	\$16,443		
Canonsburg	3	NR	NR		
Charles Cole Memorial	3	NR	NR		
Clarion	0	NR	NR		
Clearfield	3	NR	NR		
Conemaugh Valley Memorial	180	0	\$9,953		
Corry Memorial	1	NR	NR		
DuBois Regional	22	· ·	\$8,684		
Elk Regional	2	NR	NR		
Ellwood City	10	· ·	\$8,313		
Excela HIth Westmoreland	158	· ·	\$11,155		
Forbes	65	· ·	\$13,821		
Frick	42	· ·	\$11,523		
Grove City	4	NR	NR		
Heritage Valley Beaver	48	· ·	\$7,907		
Heritage Valley Sewickley	46	· ·	\$9,752		
Highlands	16	·	\$10,419		
Indiana Regional	24	·	\$8,001		
Jameson Memorial	80	·	\$8,967		
Jefferson	65	·	\$14,563		
Kane Community	0	NR	NR		
Latrobe Area	44	·	\$10,803		
Magee Womens/UPMC	19	·	\$20,626		

Mortality ratings were not reported for Chest Pain because the number of mortalities statewide was less than 10.

Chest Pain						
Hospital	Cases	Readmissions (for any reason)	Average Hospital Charge			
Meadville	11	· ·	\$16,575			
Meyersdale Community	1	NR	NR			
Millcreek Community	9	·	\$10,076			
Miners	4	NR	NR			
Monongahela Valley	44	•	\$10,488			
Nason	9	·	\$5,555			
Ohio Valley General	27	•	\$14,167			
Punxsutawney Area	14	•	\$5,444			
Saint Vincent	29	·	\$21,109			
Sharon Regional	212	·	\$10,587			
Somerset	12	·	\$11,359			
Southwest Regional MC	3	NR	NR			
St Clair Memorial	24	·	\$13,601			
Titusville Area	4	NR	NR			
Tyrone	2	NR	NR			
Uniontown	113	•	\$6,547			
UPMC Altoona	47	•	\$12,954			
UPMC Bedford	7	·	\$9,138			
UPMC East	49	·	\$14,894			
UPMC Hamot	40	·	\$16,142			
UPMC Horizon	16	·	\$15,459			
UPMC McKeesport	53	·	\$16,410			
UPMC Mercy	97	·	\$15,296			
UPMC Northwest	22	· ·	\$8,824			
UPMC Passavant	72	0	\$18,475			
UPMC Presby Shadyside	145	·	\$23,859			
UPMC St Margaret	49	·	\$16,437			
Warren General	7	·	\$10,537			
Washington	183	·	\$9,087			
West Penn	11	·	\$15,459			
Windber	2	NR	NR			

# Chronic Obstructive Pulmonary Disease (COPD)

Chronic damage, inflammation and narrowing of the airways in the lungs. Common COPD diseases include emphysema and chronic obstructive bronchitis.

#### **Understanding the Symbols**

- O Rate significantly lower than expected.
- Rate not significantly different than expected.
- Rate significantly higher than expected.
- NR Not reported. Fewer than five cases evaluated.

Chronic Obstructive Pulmonary Disease (COPD)					
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge	
TOTAL: Statewide	30,034	0.6	20.8	\$27,327	
Western Pennsylvania	11,062	0.7	19.3	\$16,838	
ACMH	83	•	0	\$11,396	
Allegheny General	206	0	·	\$22,629	
Allegheny Valley	157	0	0	\$14,576	
Bradford Regional	103	0	•	\$10,513	
Brookville	61	0	•	\$9,489	
Butler Memorial	260	0	·	\$17,036	
Canonsburg	158	0	•	\$14,471	
Charles Cole Memorial	71	0	·	\$9,006	
Clarion	61	0	•	\$9,646	
Clearfield	89	0	0	\$10,197	
Conemaugh Valley Memorial	422	•	•	\$13,648	
Corry Memorial	80	0	·	\$15,056	
DuBois Regional	151	0	·	\$10,994	
Elk Regional	142	0	•	\$11,029	
Ellwood City	81	0	•	\$11,128	
Excela HIth Westmoreland	549	0	•	\$16,750	
Forbes	245	0	•	\$17,725	
Frick	225	0	·	\$15,191	
Grove City	97	0	0	\$18,472	
Heritage Valley Beaver	306	0	•	\$10,602	
Heritage Valley Sewickley	194	0	0	\$11,603	
Highlands	95	0	·	\$15,378	
Indiana Regional	174	0	0	\$10,804	
Jameson Memorial	370	0	•	\$12,125	
Jefferson	571	0	•	\$17,825	
Kane Community	57	0	•	\$13,034	
Latrobe Area	265	0	•	\$14,598	
Magee Womens/UPMC	84	0	0	\$30,707	

Chronic Obstructive Pulmonary Disease (COPD)					
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge	
Meadville	181	0	·	\$16,272	
Meyersdale Community	17	0	·	\$11,150	
Millcreek Community	77	0	•	\$17,001	
Miners	41	0	•	\$15,494	
Monongahela Valley	250	0	•	\$16,831	
Nason	24	•	•	\$9,568	
Ohio Valley General	102	0	•	\$16,588	
Punxsutawney Area	64	0	•	\$9,836	
Saint Vincent	152	0	•	\$22,789	
Sharon Regional	191	•	•	\$15,117	
Somerset	84	0	•	\$16,910	
Southwest Regional MC	105	0	0	\$10,134	
St Clair Memorial	346	0	·	\$15,443	
Titusville Area	37	0	·	\$6,105	
Tyrone	28	0	•	\$11,751	
Uniontown	430	•	•	\$10,002	
UPMC Altoona	308	0	0	\$16,619	
UPMC Bedford	74	0	•	\$10,456	
UPMC East	184	0	•	\$23,723	
UPMC Hamot	245	0	•	\$27,987	
UPMC Horizon	169	0	•	\$16,091	
UPMC McKeesport	281	0	•	\$20,495	
UPMC Mercy	346	0	•	\$24,416	
UPMC Northwest	337	0	·	\$14,211	
UPMC Passavant	419	0	•	\$26,363	
UPMC Presby Shadyside	424	0	•	\$35,706	
UPMC St Margaret	294	0	•	\$24,488	
Warren General	89	0	•	\$12,961	
Washington	312	0	0	\$11,918	
West Penn	61	0	0	\$21,038	
Windber	33	0	0	\$11,907	

#### **Colorectal Procedures**

Surgical procedure performed on the colon (large intestine) and rectum (last section of the large intestine). Reasons for colorectal procedures include cancer and diverticulitis (severe inflammation of large intestine). Common procedures include removal of the rectum or part or all of the large intestine. Does not include patients with abdominal trauma.

#### **Understanding the Symbols**

The symbols displayed in this report represent a comparison of a hospital's actual rate of mortality or readmission to its expected rate, which takes into account varying illness levels among patients. See page 9.

- O Rate significantly lower than expected.
- Rate not significantly different than expected.
- Rate significantly higher than expected.
- NR Not reported. Fewer than five cases evaluated.

Colorectal Procedures					
Hospital	Cases	Mortality	Average Hospital Charge		
TOTAL: Statewide	13,140	2.0	\$80,969		
Western Pennsylvania	4,400	2.2	\$63,687		
ACMH	49	0	\$29,855		
Allegheny General	143	0	\$66,688		
Allegheny Valley	43	0	\$49,209		
Bradford Regional	16	0	\$28,997		
Brookville	7	•	\$22,149		
Butler Memorial	73	•	\$62,995		
Canonsburg	26	•	\$39,866		
Charles Cole Memorial	21	•	\$28,316		
Clarion	16	0	\$32,780		
Clearfield	32	0	\$31,617		
Conemaugh Valley Memorial	149	0	\$34,056		
Corry Memorial	1	NR	NR		
DuBois Regional	73	0	\$36,596		
Elk Regional	16	0	\$40,741		
Ellwood City	7	0	\$27,760		
Excela HIth Westmoreland	86	0	\$35,052		
Forbes	118	0	\$49,334		
Frick	29	0	\$38,190		
Grove City	3	NR	NR		
Heritage Valley Beaver	139	0	\$31,207		
Heritage Valley Sewickley	63	0	\$32,354		
Highlands	11	0	\$31,522		
Indiana Regional	46	0	\$37,137		
Jameson Memorial	38	•	\$32,938		
Jefferson	260	0	\$39,650		
Kane Community	4	NR	NR		
Latrobe Area	85	0	\$32,990		
Magee Womens/UPMC	37	0	\$87,500		

Readmission ratings were not reported for Colorectal Procedures to avoid counting readmissions that may have been planned.

Colorectal Procedures					
Hospital	Cases	Mortality	Average Hospital Charge		
Meadville	46	0	\$55,364		
Meyersdale Community	0	NR	NR		
Millcreek Community	9	0	\$59,785		
Miners	2	NR	NR		
Monongahela Valley	85	0	\$41,097		
Nason	32	0	\$25,458		
Ohio Valley General	38	0	\$44,681		
Punxsutawney Area	17	0	\$26,252		
Saint Vincent	135	0	\$80,805		
Sharon Regional	49	0	\$49,675		
Somerset	50	0	\$41,116		
Southwest Regional MC	24	0	\$38,189		
St Clair Memorial	201	0	\$55,052		
Titusville Area	8	0	NR		
Tyrone	8	0	\$32,574		
Uniontown	99	•	\$24,872		
UPMC Altoona	164	0	\$39,605		
UPMC Bedford	8	0	\$42,469		
UPMC East	45	0	\$67,969		
UPMC Hamot	152	0	\$89,900		
UPMC Horizon	62	0	\$65,057		
UPMC McKeesport	47	0	\$53,508		
UPMC Mercy	93	0	\$77,038		
UPMC Northwest	25	0	\$30,060		
UPMC Passavant	455	0	\$76,011		
UPMC Presby Shadyside	617	•	\$136,500		
UPMC St Margaret	126	0	\$87,144		
Warren General	17	•	\$45,554		
Washington	105	•	\$28,323		
West Penn	36	0	\$63,428		
Windber	47	0	\$35,355		

# Congestive Heart Failure (CHF)

Inability of the heart to pump enough blood to meet the needs of the body leading to swelling of the legs and shortness of breath from fluid build-up in the lungs. Common causes of heart failure include heart disease (e.g., coronary artery disease and heart valve problems) and long-standing hypertension (high blood pressure).

#### **Understanding the Symbols**

- O Rate significantly lower than expected.
- Rate not significantly different than expected.
- Rate significantly higher than expected.
- NR Not reported. Fewer than five cases evaluated.

Congestive Heart Failure (CHF)					
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge	
TOTAL: Statewide	41,749	2.9	23.5	\$34,808	
Western Pennsylvania	14,347	3.6	23.1	\$22,837	
ACMH	128	0	0	\$14,278	
Allegheny General	552	0	<b>⊙</b>	\$29,358	
Allegheny Valley	315	0	<b>⊙</b>	\$19,733	
Bradford Regional	69	0	<b>⊙</b>	\$9,652	
Brookville	17	0	<b>⊙</b>	\$11,617	
Butler Memorial	260	0	<b>⊙</b>	\$23,136	
Canonsburg	101	0	•	\$20,479	
Charles Cole Memorial	35	0	<b>⊙</b>	\$10,624	
Clarion	57	0	<b>⊙</b>	\$9,786	
Clearfield	122	0	<b>⊙</b>	\$12,323	
Conemaugh Valley Memorial	780	•	•	\$16,623	
Corry Memorial	45	0	<b>⊙</b>	\$15,932	
DuBois Regional	215	0	<b>⊙</b>	\$12,803	
Elk Regional	176	0	<b>⊙</b>	\$11,698	
Ellwood City	110	0	<b>⊙</b>	\$12,871	
Excela HIth Westmoreland	586	0	<b>⊙</b>	\$20,337	
Forbes	393	0	<b>⊙</b>	\$21,062	
Frick	150	0	<b>⊙</b>	\$18,283	
Grove City	66	0	0	\$22,090	
Heritage Valley Beaver	537	0	<b>⊙</b>	\$12,956	
Heritage Valley Sewickley	204	0	<b>⊙</b>	\$14,825	
Highlands	73	0	<b>⊙</b>	\$20,895	
Indiana Regional	186	0	<b>⊙</b>	\$13,434	
Jameson Memorial	254	0	<b>⊙</b>	\$13,077	
Jefferson	485	0	<b>⊙</b>	\$21,621	
Kane Community	68	0	<b>⊙</b>	\$15,515	
Latrobe Area	251	0	•	\$18,885	
Magee Womens/UPMC	77	•	•	\$37,511	

Congest	Congestive Heart Failure (CHF)					
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge		
Meadville	171	0	0	\$19,631		
Meyersdale Community	13	0	•	\$11,918		
Millcreek Community	92	0	•	\$18,694		
Miners	36	0	•	\$18,066		
Monongahela Valley	297	0	•	\$20,028		
Nason	70	0	•	\$12,802		
Ohio Valley General	123	0	·	\$24,595		
Punxsutawney Area	84	0	·	\$12,603		
Saint Vincent	413	•	·	\$30,622		
Sharon Regional	207	0	·	\$18,335		
Somerset	100	0	•	\$17,938		
Southwest Regional MC	93	0	•	\$12,372		
St Clair Memorial	603	0	•	\$18,436		
Titusville Area	41	•	·	\$7,435		
Tyrone	34	0	·	\$12,128		
Uniontown	362	•	•	\$11,929		
UPMC Altoona	478	0	·	\$19,116		
UPMC Bedford	83	0	·	\$11,761		
UPMC East	246	0	·	\$28,979		
UPMC Hamot	462	•	·	\$36,384		
UPMC Horizon	217	0	·	\$21,651		
UPMC McKeesport	313	0	·	\$26,155		
UPMC Mercy	367	0	·	\$28,944		
UPMC Northwest	163	0	·	\$16,145		
UPMC Passavant	556	0	·	\$29,925		
UPMC Presby Shadyside	1,140	•	•	\$44,355		
UPMC St Margaret	548	0	•	\$29,820		
Warren General	91	0	•	\$15,493		
Washington	466	•	•	\$14,656		
West Penn	90	•	0	\$26,290		
Windber	71	0	0	\$14,202		

### Diabetes – Medical Management

The body is unable to make enough insulin or it does not use the insulin properly. Diabetes can lead to acute complications such as a coma from too much or too little glucose (blood sugar) and long-term complications such as kidney disease and damage to blood vessels and nerves.

#### **Understanding the Symbols**

- O Rate significantly lower than expected.
- Rate not significantly different than expected.
- Rate significantly higher than expected.
- NR Not reported. Fewer than five cases evaluated.

Diabetes - Medical Management					
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge	
TOTAL: Statewide	16,260	0.5	20.7	\$27,387	
Western Pennsylvania	4,733	0.5	18.9	\$17,262	
ACMH	40	0	·	\$11,524	
Allegheny General	179	0	·	\$22,932	
Allegheny Valley	96	0	· ·	\$13,009	
Bradford Regional	25	0	· ·	\$10,677	
Brookville	2	NR	NR	NR	
Butler Memorial	103	0	· ·	\$17,095	
Canonsburg	37	0	· ·	\$13,193	
Charles Cole Memorial	13	0	•	\$7,541	
Clarion	38	0	· ·	\$9,184	
Clearfield	22	0	· ·	\$8,017	
Conemaugh Valley Memorial	257	0	•	\$13,605	
Corry Memorial	6	0	· ·	\$11,642	
DuBois Regional	74	0	· ·	\$11,796	
Elk Regional	34	0	· ·	\$10,654	
Ellwood City	13	0	•	\$7,774	
Excela HIth Westmoreland	167	0	· ·	\$14,856	
Forbes	141	0	· ·	\$14,734	
Frick	46	0	· ·	\$14,759	
Grove City	26	0	·	\$16,093	
Heritage Valley Beaver	119	0	· ·	\$8,949	
Heritage Valley Sewickley	94	0	· ·	\$11,393	
Highlands	29	0	· ·	\$12,719	
Indiana Regional	80	•	· ·	\$10,371	
Jameson Memorial	89	0	0	\$10,963	
Jefferson	144	0	·	\$15,234	
Kane Community	11	0	·	\$9,959	
Latrobe Area	71	0	·	\$10,558	
Magee Womens/UPMC	53	0	· ·	\$23,956	

Diabetes - Medical Management					
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge	
Meadville	65	0	·	\$15,700	
Meyersdale Community	4	NR	NR	NR	
Millcreek Community	15	0	<b>O</b>	\$12,864	
Miners	8	0	<b>O</b>	\$16,143	
Monongahela Valley	72	0	<b>⊙</b>	\$14,039	
Nason	15	0	<b>O</b>	\$7,332	
Ohio Valley General	45	•	<b>⊙</b>	\$16,349	
Punxsutawney Area	21	•	<b>⊙</b>	\$6,390	
Saint Vincent	120	0	0	\$22,927	
Sharon Regional	107	0	•	\$12,323	
Somerset	28	0	·	\$12,726	
Southwest Regional MC	35	0	·	\$7,876	
St Clair Memorial	126	0	<b>⊙</b>	\$14,605	
Titusville Area	21	0	·	\$6,755	
Tyrone	7	0	<b>⊙</b>	\$6,813	
Uniontown	145	0	•	\$8,774	
UPMC Altoona	184	0	<b>⊙</b>	\$14,953	
UPMC Bedford	26	0	<b>⊙</b>	\$9,592	
UPMC East	109	0	<b>⊙</b>	\$22,053	
UPMC Hamot	166	0	<b>⊙</b>	\$26,997	
UPMC Horizon	88	0	<b>⊙</b>	\$18,378	
UPMC McKeesport	94	0	<b>⊙</b>	\$19,579	
UPMC Mercy	171	0	<b>⊙</b>	\$18,937	
UPMC Northwest	59	0	0	\$13,287	
UPMC Passavant	175	0	<b>⊙</b>	\$21,847	
UPMC Presby Shadyside	407	0	<b>⊙</b>	\$33,570	
UPMC St Margaret	123	0	0	\$22,922	
Warren General	33	0	0	\$14,121	
Washington	149	0	0	\$11,794	
West Penn	68	0	0	\$17,650	
Windber	26	0	0	\$9,694	

#### Gallbladder Removal – Laparoscopic

Removal of the gallbladder using several small incisions and a laparoscope (small camera on the end of an instrument) inserted into the abdomen. This type of procedure is sometimes referred to as "minimally invasive" surgery. Common reasons for laparoscopic gallbladder removal include cholelithiasis (stones in the gallbladder) and cholecystitis (inflammation of the gallbladder).

#### **Understanding the Symbols**

- O Rate significantly lower than expected.
- Rate not significantly different than expected.
- Rate significantly higher than expected.
- NR Not reported. Fewer than five cases evaluated.

Gallbladder Removal - Laparoscopic					
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge	
TOTAL: Statewide	11,612	0.2	7.1	\$43,785	
Western Pennsylvania	3,665	0.2	7.1	\$29,912	
ACMH	64	0	•	\$17,185	
Allegheny General	77	0	•	\$35,476	
Allegheny Valley	57	0	•	\$31,146	
Bradford Regional	5	0	NR	\$13,823	
Brookville	7	0	•	\$17,513	
Butler Memorial	118	0	•	\$29,508	
Canonsburg	110	0	•	\$24,587	
Charles Cole Memorial	17	0	•	\$18,686	
Clarion	13	•	•	\$16,304	
Clearfield	15	0	•	\$24,391	
Conemaugh Valley Memorial	119	0	•	\$23,995	
Corry Memorial	2	NR	NR	NR	
DuBois Regional	31	0	•	\$23,109	
Elk Regional	16	0	•	\$22,489	
Ellwood City	22	0	•	\$13,107	
Excela HIth Westmoreland	128	0	·	\$22,106	
Forbes	78	0	•	\$29,500	
Frick	27	0	•	\$24,059	
Grove City	6	0	•	\$20,383	
Heritage Valley Beaver	176	0	•	\$15,578	
Heritage Valley Sewickley	105	0	•	\$15,418	
Highlands	46	0	•	\$21,033	
Indiana Regional	54	0	•	\$23,736	
Jameson Memorial	85	0	•	\$19,317	
Jefferson	156	•	•	\$25,186	
Kane Community	2	NR	NR	NR	
Latrobe Area	53	0	•	\$24,612	
Magee Womens/UPMC	31	0	•	\$41,904	

Gallbladder Removal - Laparoscopic					
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge	
Meadville	48	0	·	\$29,122	
Meyersdale Community	0	NR	NR	NR	
Millcreek Community	16	0	•	\$22,988	
Miners	2	NR	NR	NR	
Monongahela Valley	75	0	•	\$21,327	
Nason	23	0	•	\$12,439	
Ohio Valley General	54	0	·	\$25,460	
Punxsutawney Area	15	0	·	\$13,028	
Saint Vincent	141	0	·	\$42,609	
Sharon Regional	51	0	·	\$32,775	
Somerset	35	0	·	\$23,906	
Southwest Regional MC	20	0	•	\$19,279	
St Clair Memorial	174	0	•	\$30,080	
Titusville Area	9	0	·	\$12,664	
Tyrone	1	NR	NR	NR	
Uniontown	155	0	·	\$13,112	
UPMC Altoona	157	0	•	\$26,431	
UPMC Bedford	5	0	<b>⊙</b>	\$16,055	
UPMC East	74	0	<b>⊙</b>	\$44,386	
UPMC Hamot	77	0	0	\$58,792	
UPMC Horizon	66	0	·	\$32,996	
UPMC McKeesport	45	0	•	\$40,595	
UPMC Mercy	82	0	<b>⊙</b>	\$41,103	
UPMC Northwest	58	0	<b>⊙</b>	\$17,652	
UPMC Passavant	171	0	·	\$43,340	
UPMC Presby Shadyside	194	•	0	\$64,003	
UPMC St Margaret	129	•	•	\$44,968	
Warren General	11	•	·	\$30,453	
Washington	98	•	•	\$20,999	
West Penn	39	•	·	\$37,303	
Windber	17	0	0	\$19,856	

## Gallbladder Removal – Open

Removal of the gallbladder using one large incision rather than several small incisions as is used in laparoscopic gallbladder removal. This type of open procedure is sometimes referred to as "traditional" gallbladder removal. Common reasons for open gallbladder removal include cholelithiasis (stones in the gallbladder), cholecystitis (inflammation of the gallbladder) and cancer.

#### **Understanding the Symbols**

- O Rate significantly lower than expected.
- Rate not significantly different than expected.
- Rate significantly higher than expected.
- NR Not reported. Fewer than five cases evaluated.

Gallbladder Removal - Open					
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge	
TOTAL: Statewide	1,598	1.2	11.5	\$68,132	
Western Pennsylvania	521	0.8	13.2	\$50,448	
ACMH	6	0	·	\$27,629	
Allegheny General	31	0	·	\$41,962	
Allegheny Valley	4	NR	NR	NR	
Bradford Regional	2	NR	NR	NR	
Brookville	1	NR	NR	NR	
Butler Memorial	3	NR	NR	NR	
Canonsburg	3	NR	NR	NR	
Charles Cole Memorial	1	NR	NR	NR	
Clarion	7	0	•	\$24,211	
Clearfield	13	0	•	\$26,253	
Conemaugh Valley Memorial	12	0	•	\$28,232	
Corry Memorial	0	NR	NR	NR	
DuBois Regional	6	0	·	\$27,049	
Elk Regional	8	0	·	\$30,805	
Ellwood City	0	NR	NR	NR	
Excela HIth Westmoreland	16	0	·	\$41,972	
Forbes	15	0	•	\$36,916	
Frick	1	NR	NR	NR	
Grove City	8	0	•	\$34,815	
Heritage Valley Beaver	9	•	•	\$27,926	
Heritage Valley Sewickley	5	0	NR	\$17,570	
Highlands	2	NR	NR	NR	
Indiana Regional	10	0	•	\$35,022	
Jameson Memorial	8	0	•	\$26,223	
Jefferson	15	0	•	\$38,171	
Kane Community	0	NR	NR	NR	
Latrobe Area	8	0	•	\$39,242	
Magee Womens/UPMC	2	NR	NR	NR	

Gallbladder Removal - Open					
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge	
Meadville	12	0	·	\$50,069	
Meyersdale Community	0	NR	NR	NR	
Millcreek Community	6	0	·	\$33,005	
Miners	0	NR	NR	NR	
Monongahela Valley	11	0	•	\$29,766	
Nason	3	NR	NR	NR	
Ohio Valley General	5	0	·	\$26,375	
Punxsutawney Area	0	NR	NR	NR	
Saint Vincent	29	0	·	\$54,554	
Sharon Regional	10	0	·	\$39,461	
Somerset	0	NR	NR	NR	
Southwest Regional MC	5	0	·	\$32,812	
St Clair Memorial	8	0	·	\$47,931	
Titusville Area	1	NR	NR	NR	
Tyrone	0	NR	NR	NR	
Uniontown	4	NR	NR	NR	
UPMC Altoona	23	0	·	\$29,584	
UPMC Bedford	2	NR	NR	NR	
UPMC East	19	0	•	\$59,725	
UPMC Hamot	26	0	•	\$65,643	
UPMC Horizon	6	0	•	\$36,526	
UPMC McKeesport	11	0	•	\$49,815	
UPMC Mercy	19	0	•	\$70,142	
UPMC Northwest	15	0	•	\$27,531	
UPMC Passavant	14	0	•	\$55,799	
UPMC Presby Shadyside	72	•	0	\$111,630	
UPMC St Margaret	6	0	•	\$62,108	
Warren General	1	NR	NR	NR	
Washington	15	0	•	\$26,807	
West Penn	1	NR	NR	NR	
Windber	1	NR	NR	NR	

## Heart Attack – Angioplasty/Stent

Procedures are used to open narrowed or blocked coronary (heart) arteries to restore blood flow to the heart muscle by inserting a catheter (thin tube) through the skin of the upper thigh or arm. An angioplasty is performed by inflating a small balloon at the end of the catheter to widen the narrowed or blocked area in the artery. Angioplasty procedures are often combined with the placement of a stent (permanent metallic mesh tube) to prevent the artery from narrowing again. Only patients who had a myocardial infarction (heart attack) are included.

#### **Understanding the Symbols**

The symbols displayed in this report represent a comparison of a hospital's actual rate of mortality or readmission to its expected rate, which takes into account varying illness levels among patients. See page 9.

- O Rate significantly lower than expected.
- Rate not significantly different than expected.
- Rate significantly higher than expected.
- NR Not reported. Fewer than five cases evaluated.

Heart Attack - A	ngiopla	sty/Sten	t
Hospital	Cases	Mortality	Average Hospital Charge
TOTAL: Statewide	12,495	1.3	\$83,340
Western Pennsylvania	4,595	1.3	\$72,562
ACMH	64	0	\$68,945
Allegheny General	257	0	\$64,997
Allegheny Valley	0	NR	NR
Bradford Regional	0	NR	NR
Brookville	0	NR	NR
Butler Memorial	177	0	\$97,513
Canonsburg	0	NR	NR
Charles Cole Memorial	0	NR	NR
Clarion	0	NR	NR
Clearfield	0	NR	NR
Conemaugh Valley Memorial	283	0	\$45,287
Corry Memorial	0	NR	NR
DuBois Regional	194	0	\$48,247
Elk Regional	0	NR	NR
Ellwood City	0	NR	NR
Excela HIth Westmoreland	296	0	\$57,301
Forbes	145	0	\$54,947
Frick	0	NR	NR
Grove City	0	NR	NR
Heritage Valley Beaver	222	0	\$39,049
Heritage Valley Sewickley	0	NR	NR
Highlands	0	NR	NR
Indiana Regional	0	NR	NR
Jameson Memorial	30	0	\$44,246
Jefferson	125	0	\$55,609
Kane Community	0	NR	NR
Latrobe Area	0	NR	NR
	Γ΄	NR	NR

Readmission ratings were not reported for Heart Attack - Angioplasty/Stent to avoid counting readmissions that may have been planned.

Heart Attack - Angioplasty/Stent					
Hospital	Cases	Mortality	Average Hospital Charge		
Meadville	50	0	\$51,101		
Meyersdale Community	0	NR	NR		
Millcreek Community	0	NR	NR		
Miners	0	NR	NR		
Monongahela Valley	68	0	\$60,818		
Nason	0	NR	NR		
Ohio Valley General	0	NR	NR		
Punxsutawney Area	0	NR	NR		
Saint Vincent	252	0	\$113,111		
Sharon Regional	98	0	\$64,796		
Somerset	32	0	\$48,708		
Southwest Regional MC	0	NR	NR		
St Clair Memorial	137	0	\$49,217		
Titusville Area	0	NR	NR		
Tyrone	0	NR	NR		
Uniontown	78	0	\$25,073		
UPMC Altoona	334	0	\$52,294		
UPMC Bedford	0	NR	NR		
UPMC East	30	0	\$79,324		
UPMC Hamot	424	0	\$106,430		
UPMC Horizon	0	NR	NR		
UPMC McKeesport	74	0	\$74,963		
UPMC Mercy	178	0	\$70,909		
UPMC Northwest	0	NR	NR		
UPMC Passavant	212	0	\$71,548		
UPMC Presby Shadyside	577	•	\$115,382		
UPMC St Margaret	0	NR	NR		
Warren General	0	NR	NR		
Washington	202	0	\$51,821		
West Penn	56	•	\$58,216		
Windber	0	NR	NR		

## Heart Attack – Medical Management

Occurs when there is blockage or obstruction in a blood vessel (coronary artery) causing damage or death to an area of the heart (myocardial infarction). Patients who are treated with a balloon (angioplasty)/stent procedure or open heart surgery are not included.

#### **Understanding the Symbols**

The symbols displayed in this report represent a comparison of a hospital's actual rate of mortality or readmission to its expected rate, which takes into account varying illness levels among patients. See page 9.

- O Rate significantly lower than expected.
- Rate not significantly different than expected.
- Rate significantly higher than expected.
- NR Not reported. Fewer than five cases evaluated.

Heart Attack - Medical Management					
Hospital	Cases	Transfer to Acute Care %	Mortality	Average Hospital Charge	
TOTAL: Statewide	11,052	17.1	8.1	\$38,728	
Western Pennsylvania	3,952	17.6	8.5	\$27,661	
ACMH*	55	20.6	0	\$17,108	
Allegheny General*	160	1.4	0	\$41,128	
Allegheny Valley	118	38.2	0	\$21,554	
Bradford Regional	25	28.1	0	\$11,896	
Brookville	18	28.6	0	\$10,954	
Butler Memorial*	75	5.4	0	\$30,709	
Canonsburg	10	70.4	0	\$17,372	
Charles Cole Memorial	13	29.4	0	\$11,900	
Clarion	16	21.1	0	\$8,377	
Clearfield	17	55.6	0	\$12,822	
Conemaugh Valley Memorial*	230	4.6	0	\$19,160	
Corry Memorial	4	NR	NR	NR	
DuBois Regional*	89	16.2	0	\$20,286	
Elk Regional	19	34.8	0	\$11,672	
Ellwood City	4	NR	NR	NR	
Excela HIth Westmoreland*	198	8.0	0	\$23,855	
Forbes*	67	7.7	0	\$24,247	
Frick	51	10.9	0	\$14,364	
Grove City	2	NR	NR	NR	
Heritage Valley Beaver*	119	0.9	0	\$13,755	
Heritage Valley Sewickley	28	44.7	0	\$13,507	
Highlands	4	NR	NR	NR	
Indiana Regional	70	42.5	0	\$15,835	
Jameson Memorial*	63	34.5	0	\$20,845	
Jefferson*	97	3.2	0	\$28,585	
Kane Community	3	NR	NR	NR	
Latrobe Area	77	21.1	0	\$16,806	
Magee Womens/UPMC	10	35.7	0	\$38,766	

Readmission ratings were not reported for Heart Attack - Medical Management to avoid counting readmissions that may have been planned.

Heart Attack -	- Medica	l Manag	ement	
Hospital	Cases	Transfer to Acute Care %	Mortality	Average Hospital Charge
Meadville*	32	33.3	0	\$26,424
Meyersdale Community	9	0.0	0	\$12,540
Millcreek Community	3	NR	NR	NR
Miners	5	16.7	0	\$15,342
Monongahela Valley*	120	15.4	0	\$22,922
Nason	9	56.3	0	\$15,588
Ohio Valley General	12	50.0	0	\$25,665
Punxsutawney Area	7	64.7	0	\$13,144
Saint Vincent*	118	0.9	0	\$39,846
Sharon Regional*	42	12.5	0	\$27,636
Somerset*	31	33.3	0	\$20,867
Southwest Regional MC	16	46.7	0	\$9,585
St Clair Memorial*	107	0.0	0	\$22,104
Titusville Area	12	15.4	0	\$10,248
Tyrone	16	16.7	0	\$10,206
Uniontown*	96	32.5	•	\$12,299
UPMC Altoona*	295	5.4	0	\$25,646
UPMC Bedford	13	28.6	0	\$7,713
UPMC East*	75	45.5	0	\$27,201
UPMC Hamot*	188	0.6	0	\$51,086
UPMC Horizon	39	45.7	0	\$22,985
UPMC McKeesport*	96	23.7	0	\$34,085
UPMC Mercy*	126	0.0	0	\$34,623
UPMC Northwest	22	50.0	0	\$14,804
UPMC Passavant*	171	3.0	0	\$36,243
UPMC Presby Shadyside*	325	1.6	0	\$55,562
UPMC St Margaret	103	44.1	0	\$32,110
Warren General	18	30.4	0	\$17,199
Washington*	146	3.4	0	\$15,587
West Penn*	43	4.9	•	\$27,011
Windber	15	41.7	0	\$13,758

\* Indicates hospitals that provided advanced cardiac services (angioplasty/ stent procedures for heart attack) during the report period. This information is provided since patients admitted to facilities that do not provide advanced cardiac services may be transferred, for further diagnosis and treatment, to facilities that provide these services.

# Hypotension and Fainting

Hypotension is an abnormally low blood pressure with effects ranging from dizziness to fainting. Dehydration is an example of a condition that can cause hypotension. Fainting (syncope) is a temporary loss of consciousness. Syncope may also be referred to as "passing out" or "blacking out."

#### **Understanding the Symbols**

- O Rate significantly lower than expected.
- Rate not significantly different than expected.
- Rate significantly higher than expected.
- NR Not reported. Fewer than five cases evaluated.

Hypotension and Fainting					
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge	
TOTAL: Statewide	11,559	0.2	12.0	\$24,085	
Western Pennsylvania	3,209	0.2	11.2	\$15,390	
ACMH	14	0	·	\$8,434	
Allegheny General	120	0	<b>⊙</b>	\$20,948	
Allegheny Valley	70	0	•	\$17,831	
Bradford Regional	5	0	NR	\$8,054	
Brookville	4	NR	NR	NR	
Butler Memorial	70	0	•	\$16,667	
Canonsburg	17	0	•	\$10,875	
Charles Cole Memorial	9	0	•	\$7,846	
Clarion	4	NR	NR	NR	
Clearfield	9	0	•	\$10,290	
Conemaugh Valley Memorial	194	0	•	\$12,026	
Corry Memorial	3	NR	NR	NR	
DuBois Regional	16	0	•	\$11,211	
Elk Regional	15	0	•	\$11,407	
Ellwood City	18	0	•	\$7,976	
Excela HIth Westmoreland	170	0	•	\$12,662	
Forbes	128	0	•	\$14,383	
Frick	37	0	•	\$13,194	
Grove City	10	0	•	\$15,478	
Heritage Valley Beaver	99	0	•	\$7,709	
Heritage Valley Sewickley	83	0	•	\$10,007	
Highlands	9	0	·	\$8,033	
Indiana Regional	55	0	·	\$10,409	
Jameson Memorial	54	0	·	\$10,500	
Jefferson	119	0	·	\$16,159	
Kane Community	5	0	·	\$12,731	
Latrobe Area	56	0	·	\$10,516	
Magee Womens/UPMC	15	0	•	\$23,336	

Hypotension and Fainting					
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge	
Meadville	25	0	<b>⊙</b>	\$12,586	
Meyersdale Community	2	NR	NR	NR	
Millcreek Community	14	0	<b>⊙</b>	\$10,087	
Miners	2	NR	NR	NR	
Monongahela Valley	62	0	<b>⊙</b>	\$15,610	
Nason	10	0	·	\$5,828	
Ohio Valley General	43	0	·	\$13,977	
Punxsutawney Area	10	0	·	\$8,081	
Saint Vincent	49	0	·	\$21,977	
Sharon Regional	125	0	·	\$13,662	
Somerset	28	0	·	\$13,426	
Southwest Regional MC	11	0	·	\$9,429	
St Clair Memorial	109	0	•	\$12,186	
Titusville Area	6	0	·	\$7,672	
Tyrone	1	NR	NR	NR	
Uniontown	52	0	•	\$7,880	
UPMC Altoona	122	0	•	\$16,200	
UPMC Bedford	5	0	·	\$6,926	
UPMC East	72	0	•	\$16,672	
UPMC Hamot	63	0	•	\$23,201	
UPMC Horizon	25	•	•	\$11,737	
UPMC McKeesport	87	0	·	\$15,818	
UPMC Mercy	111	0	•	\$19,524	
UPMC Northwest	43	0	·	\$11,031	
UPMC Passavant	122	0	•	\$18,972	
UPMC Presby Shadyside	284	0	•	\$28,364	
UPMC St Margaret	132	0	0	\$18,125	
Warren General	21	0	•	\$9,807	
Washington	132	0	•	\$12,277	
West Penn	19	0	•	\$15,708	
Windber	13	0	0	\$12,016	

## Kidney and Urinary Tract Infections

Infections of the urinary tract, which includes the kidneys (pyelonephritis) and bladder (cystitis). These infections can be acute or chronic.

#### **Understanding the Symbols**

- O Rate significantly lower than expected.
- Rate not significantly different than expected.
- Rate significantly higher than expected.
- NR Not reported. Fewer than five cases evaluated.

Kidney and Urinary Tract Infections					
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge	
TOTAL: Statewide	21,717	0.5	15.9	\$24,009	
Western Pennsylvania	7,706	0.6	16.1	\$15,349	
ACMH	93	0	•	\$10,334	
Allegheny General	190	0	<b>⊙</b>	\$22,065	
Allegheny Valley	143	0	•	\$13,539	
Bradford Regional	43	0	•	\$8,898	
Brookville	62	0	·	\$7,663	
Butler Memorial	150	0	·	\$15,694	
Canonsburg	71	0	•	\$11,136	
Charles Cole Memorial	32	0	•	\$8,419	
Clarion	41	0	•	\$7,174	
Clearfield	41	0	·	\$7,573	
Conemaugh Valley Memorial	299	0	•	\$12,984	
Corry Memorial	49	0	·	\$9,863	
DuBois Regional	43	0	·	\$10,521	
Elk Regional	83	0	·	\$9,365	
Ellwood City	45	0	·	\$8,508	
Excela HIth Westmoreland	277	0	·	\$13,085	
Forbes	320	0	•	\$13,394	
Frick	80	0	·	\$12,856	
Grove City	71	0	0	\$16,290	
Heritage Valley Beaver	262	0	·	\$9,195	
Heritage Valley Sewickley	117	0	·	\$8,791	
Highlands	55	0	·	\$12,125	
Indiana Regional	185	0	•	\$9,914	
Jameson Memorial	164	0	•	\$9,879	
Jefferson	290	0	•	\$14,400	
Kane Community	11	0	·	\$13,335	
Latrobe Area	134	0	0	\$10,880	
Magee Womens/UPMC	130	0	·	\$22,243	

Kidney and Urinary Tract Infections						
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge		
Meadville	61	0	·	\$13,114		
Meyersdale Community	15	0	•	\$8,878		
Millcreek Community	72	0	0	\$11,583		
Miners	11	•	•	\$11,368		
Monongahela Valley	160	0	•	\$11,981		
Nason	61	0	·	\$8,462		
Ohio Valley General	75	•	·	\$13,920		
Punxsutawney Area	85	0	·	\$7,675		
Saint Vincent	70	0	·	\$18,676		
Sharon Regional	101	0	·	\$12,153		
Somerset	68	0	·	\$12,805		
Southwest Regional MC	54	0	·	\$8,048		
St Clair Memorial	343	0	·	\$14,552		
Titusville Area	22	0	·	\$4,422		
Tyrone	27	0	•	\$8,723		
Uniontown	164	0	•	\$8,029		
UPMC Altoona	204	0	•	\$16,814		
UPMC Bedford	73	0	•	\$11,131		
UPMC East	139	0	•	\$19,063		
UPMC Hamot	149	0	•	\$23,793		
UPMC Horizon	144	0	•	\$14,824		
UPMC McKeesport	167	0	•	\$17,705		
UPMC Mercy	276	0	·	\$20,153		
UPMC Northwest	151	0	·	\$11,177		
UPMC Passavant	393	0	·	\$22,081		
UPMC Presby Shadyside	540	0	·	\$33,224		
UPMC St Margaret	299	•	•	\$22,156		
Warren General	32	•	•	\$13,741		
Washington	200	•	•	\$10,073		
West Penn	33	•	•	\$15,547		
Windber	18	0	0	\$10,730		

### Kidney Failure – Acute

A sudden and rapid loss of kidney function resulting in a build-up of waste products that are normally filtered by the kidneys and removed from the body through urine. Because these waste products are toxic, acute kidney failure can be life-threatening. Acute kidney failure may be caused by trauma, surgery, dehydration, medication or other conditions.

#### **Understanding the Symbols**

- O Rate significantly lower than expected.
- Rate not significantly different than expected.
- Rate significantly higher than expected.
- NR Not reported. Fewer than five cases evaluated.

Kidney Failure - Acute					
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge	
TOTAL: Statewide	23,329	3.4	21.4	\$31,351	
Western Pennsylvania	8,142	3.7	22.0	\$22,133	
ACMH	50	0	·	\$13,544	
Allegheny General	248	0	·	\$32,233	
Allegheny Valley	167	0	·	\$17,743	
Bradford Regional	60	0	·	\$8,677	
Brookville	13	0	·	\$7,116	
Butler Memorial	250	0	·	\$20,359	
Canonsburg	63	0	·	\$16,445	
Charles Cole Memorial	36	0	·	\$12,412	
Clarion	27	0	·	\$10,308	
Clearfield	34	0	·	\$10,325	
Conemaugh Valley Memorial	488	•	·	\$16,081	
Corry Memorial	13	0	·	\$15,864	
DuBois Regional	113	0	•	\$15,823	
Elk Regional	64	0	·	\$9,711	
Ellwood City	26	•	·	\$8,873	
Excela HIth Westmoreland	165	0	·	\$19,129	
Forbes	230	0	·	\$17,716	
Frick	88	0	·	\$20,237	
Grove City	10	0	·	\$21,250	
Heritage Valley Beaver	318	0	·	\$12,001	
Heritage Valley Sewickley	97	•	·	\$14,829	
Highlands	21	0	•	\$17,344	
Indiana Regional	155	0	•	\$13,483	
Jameson Memorial	126	0	•	\$14,703	
Jefferson	181	0	•	\$20,081	
Kane Community	19	0	•	\$13,247	
Latrobe Area	151	•	0	\$18,574	
Magee Womens/UPMC	65	0	•	\$29,109	

Kidney Failure - Acute						
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge		
Meadville	142	•	·	\$19,101		
Meyersdale Community	7	•	NR	\$7,817		
Millcreek Community	38	0	0	\$13,282		
Miners	5	0	NR	\$12,539		
Monongahela Valley	154	0	·	\$18,491		
Nason	18	0	·	\$12,211		
Ohio Valley General	38	•	·	\$24,116		
Punxsutawney Area	37	0	·	\$11,103		
Saint Vincent	255	0	·	\$27,615		
Sharon Regional	143	0	·	\$17,911		
Somerset	91	0	·	\$18,315		
Southwest Regional MC	38	0	·	\$10,073		
St Clair Memorial	251	0	·	\$19,330		
Titusville Area	21	0	·	\$7,369		
Tyrone	10	0	<b>⊙</b>	\$9,298		
Uniontown	187	0	<b>⊙</b>	\$10,341		
UPMC Altoona	325	•	<b>⊙</b>	\$21,765		
UPMC Bedford	32	•	<b>⊙</b>	\$10,130		
UPMC East	193	0	<b>⊙</b>	\$24,957		
UPMC Hamot	266	0	<b>⊙</b>	\$33,393		
UPMC Horizon	148	0	<b>⊙</b>	\$17,610		
UPMC McKeesport	212	0	<b>⊙</b>	\$23,018		
UPMC Mercy	313	0	<b>⊙</b>	\$26,144		
UPMC Northwest	144	0	<b>⊙</b>	\$15,219		
UPMC Passavant	292	0	<b>⊙</b>	\$29,389		
UPMC Presby Shadyside	818	0	•	\$44,376		
UPMC St Margaret	300	0	0	\$28,490		
Warren General	37	0	•	\$17,278		
Washington	197	•	·	\$12,713		
West Penn	104	•	·	\$25,643		
Windber	44	0	0	\$14,361		

### Pneumonia – Aspiration

Caused by inhaling food, drink, mucus from the mouth or vomit into the lungs leading to inflammation and/or infection. Common causes of aspiration pneumonia include coma, problems with swallowing and decreased mental alertness from medication or alcohol.

#### Understanding the Symbols

- O Rate significantly lower than expected.
- Rate not significantly different than expected.
- Rate significantly higher than expected.
- NR Not reported. Fewer than five cases evaluated.

Pneumonia - Aspiration					
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge	
TOTAL: Statewide	7,797	7.0	21.5	\$41,265	
Western Pennsylvania	3,168	7.9	21.0	\$29,064	
ACMH	33	0	•	\$17,119	
Allegheny General	121	0	•	\$39,559	
Allegheny Valley	73	0	•	\$23,837	
Bradford Regional	8	0	•	\$14,726	
Brookville	22	0	•	\$12,747	
Butler Memorial	60	0	•	\$24,758	
Canonsburg	26	0	•	\$21,714	
Charles Cole Memorial	9	•	•	\$17,727	
Clarion	11	0	•	\$11,388	
Clearfield	27	0	·	\$16,676	
Conemaugh Valley Memorial	128	0	•	\$19,183	
Corry Memorial	4	NR	NR	NR	
DuBois Regional	20	0	·	\$16,133	
Elk Regional	13	0	•	\$17,287	
Ellwood City	12	0	•	\$14,552	
Excela HIth Westmoreland	123	0	•	\$26,915	
Forbes	89	0	•	\$26,355	
Frick	62	0	•	\$24,678	
Grove City	12	0	•	\$29,190	
Heritage Valley Beaver	111	0	•	\$15,152	
Heritage Valley Sewickley	62	0	•	\$15,744	
Highlands	9	0	•	\$19,507	
Indiana Regional	167	•	•	\$16,194	
Jameson Memorial	38	•	•	\$16,065	
Jefferson	81	0	•	\$31,916	
Kane Community	8	0	•	\$18,632	
Latrobe Area	63	0	•	\$20,912	
Magee Womens/UPMC	28	•	·	\$43,339	

Pneumonia - Aspiration					
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge	
Meadville	44	0	<b>⊙</b>	\$29,910	
Meyersdale Community	1	NR	NR	NR	
Millcreek Community	4	NR	NR	NR	
Miners	7	0	<b>⊙</b>	\$16,403	
Monongahela Valley	41	0	<b>⊙</b>	\$26,528	
Nason	4	NR	NR	NR	
Ohio Valley General	14	0	<b>⊙</b>	\$20,502	
Punxsutawney Area	20	0	<b>⊙</b>	\$12,369	
Saint Vincent	34	0	<b>⊙</b>	\$32,652	
Sharon Regional	58	0	<b>⊙</b>	\$24,409	
Somerset	21	0	<b>⊙</b>	\$22,737	
Southwest Regional MC	8	0	<b>⊙</b>	\$14,998	
St Clair Memorial	156	0	<b>⊙</b>	\$24,724	
Titusville Area	4	NR	NR	NR	
Tyrone	3	NR	NR	NR	
Uniontown	92	•	<b>⊙</b>	\$13,617	
UPMC Altoona	123	0	<b>⊙</b>	\$25,991	
UPMC Bedford	16	0	<b>⊙</b>	\$14,648	
UPMC East	94	0	<b>⊙</b>	\$33,754	
UPMC Hamot	33	0	<b>⊙</b>	\$46,524	
UPMC Horizon	29	0	<b>⊙</b>	\$23,382	
UPMC McKeesport	40	0	<b>⊙</b>	\$29,697	
UPMC Mercy	95	0	<b>⊙</b>	\$32,342	
UPMC Northwest	95	0	<b>⊙</b>	\$23,880	
UPMC Passavant	127	0	·	\$34,345	
UPMC Presby Shadyside	364	0	·	\$63,643	
UPMC St Margaret	133	0	0	\$40,294	
Warren General	19	0	0	\$19,725	
Washington	53	0	•	\$17,923	
West Penn	10	0	·	\$35,456	
Windber	5	0	0	\$16,259	

#### Pneumonia – Infectious

An infection in one or both lungs caused by bacteria or viruses.

#### Understanding the Symbols

- O Rate significantly lower than expected.
- Rate not significantly different than expected.
- Rate significantly higher than expected.
- NR Not reported. Fewer than five cases evaluated.

Pneumonia - Infectious					
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge	
TOTAL: Statewide	36,754	2.4	16.1	\$30,925	
Western Pennsylvania	13,318	2.7	16.5	\$20,725	
ACMH	231	0	·	\$15,002	
Allegheny General	268	0	·	\$28,021	
Allegheny Valley	249	0	<b>⊙</b>	\$17,870	
Bradford Regional	145	0	•	\$11,681	
Brookville	68	0	•	\$10,647	
Butler Memorial	320	0	•	\$21,243	
Canonsburg	113	0	•	\$16,112	
Charles Cole Memorial	90	0	•	\$13,465	
Clarion	80	0	·	\$10,601	
Clearfield	116	0	•	\$11,161	
Conemaugh Valley Memorial	482	0	·	\$15,974	
Corry Memorial	68	0	•	\$17,283	
DuBois Regional	159	0	•	\$12,788	
Elk Regional	160	0	•	\$11,775	
Ellwood City	95	0	•	\$13,641	
Excela HIth Westmoreland	580	0	•	\$21,592	
Forbes	230	0	•	\$21,138	
Frick	178	0	•	\$18,782	
Grove City	127	0	•	\$22,739	
Heritage Valley Beaver	349	0	•	\$12,251	
Heritage Valley Sewickley	260	0	•	\$13,165	
Highlands	83	0	•	\$18,531	
Indiana Regional	166	0	•	\$11,612	
Jameson Memorial	388	0	•	\$14,658	
Jefferson	500	0	•	\$22,548	
Kane Community	62	0	•	\$16,760	
Latrobe Area	227	0	0	\$16,268	
Magee Womens/UPMC	88	0	•	\$38,069	

Pneumonia - Infectious					
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge	
Meadville	195	•	<b>⊙</b>	\$19,539	
Meyersdale Community	34	0	0	\$11,505	
Millcreek Community	69	0	0	\$17,070	
Miners	50	0	0	\$15,867	
Monongahela Valley	254	0	0	\$19,561	
Nason	131	0	<b>⊙</b>	\$10,423	
Ohio Valley General	158	0	<b>⊙</b>	\$19,789	
Punxsutawney Area	108	0	·	\$12,611	
Saint Vincent	191	0	0	\$23,157	
Sharon Regional	199	0	•	\$16,908	
Somerset	89	0	·	\$17,519	
Southwest Regional MC	142	0	·	\$11,716	
St Clair Memorial	608	0	·	\$19,847	
Titusville Area	57	0	<b>⊙</b>	\$6,128	
Tyrone	53	0	·	\$13,924	
Uniontown	319	•	•	\$11,513	
UPMC Altoona	549	•	<b>⊙</b>	\$18,185	
UPMC Bedford	114	0	<b>⊙</b>	\$11,480	
UPMC East	237	0	<b>⊙</b>	\$30,020	
UPMC Hamot	386	0	<b>⊙</b>	\$29,800	
UPMC Horizon	261	0	<b>⊙</b>	\$19,662	
UPMC McKeesport	235	0	<b>⊙</b>	\$24,655	
UPMC Mercy	337	0	<b>⊙</b>	\$28,897	
UPMC Northwest	274	0	•	\$16,700	
UPMC Passavant	507	0	<b>⊙</b>	\$30,256	
UPMC Presby Shadyside	793	•	•	\$46,438	
UPMC St Margaret	380	•	0	\$32,822	
Warren General	105	•	•	\$14,994	
Washington	413	•	•	\$12,699	
West Penn	88	•	•	\$29,059	
Windber	82	0	0	\$13,666	

### Septicemia

An infection in the bloodstream sometimes referred to as blood poisoning. Also includes patients in which septicemia progresses to a severe life-threatening infection known as sepsis. Sepsis occurs when there is system-wide inflammation as the body responds to the severe infection, resulting in further illness and injury.

#### **Understanding the Symbols**

The symbols displayed in this report represent a comparison of a hospital's actual rate of mortality or readmission to its expected rate, which takes into account varying illness levels among patients. See page 9.

- O Rate significantly lower than expected.
- Rate not significantly different than expected.
- Rate significantly higher than expected.
- NR Not reported. Fewer than five cases evaluated.

Septicemia				
Hospital	Cases	Mortality	Average Hospital Charge	
TOTAL: Statewide	46,813	12.2	\$53,003	
Western Pennsylvania	13,583	14.3	\$38,885	
ACMH	116	0	\$24,685	
Allegheny General	623	0	\$59,716	
Allegheny Valley	222	0	\$31,038	
Bradford Regional	195	•	\$16,343	
Brookville	25	0	\$12,446	
Butler Memorial	288	0	\$39,823	
Canonsburg	99	0	\$24,621	
Charles Cole Memorial	38	0	\$19,227	
Clarion	102	0	\$14,237	
Clearfield	99	0	\$16,722	
Conemaugh Valley Memorial	669	0	\$22,771	
Corry Memorial	13	0	\$21,518	
DuBois Regional	272	0	\$19,027	
Elk Regional	121	•	\$15,663	
Ellwood City	44	0	\$20,379	
Excela HIth Westmoreland	407	0	\$32,045	
Forbes	336	0	\$31,435	
Frick	151	0	\$29,972	
Grove City	15	0	\$30,635	
Heritage Valley Beaver	409	•	\$20,170	
Heritage Valley Sewickley	110	0	\$21,853	
Highlands	33	0	\$21,781	
Indiana Regional	359	0	\$16,730	
Jameson Memorial	453	0	\$20,637	
Jefferson	237	0	\$37,609	
Kane Community	65	0	\$21,763	
Latrobe Area	366	0	\$28,700	
Magee Womens/UPMC	88	0	\$72,203	

Readmission ratings were not reported for Septicemia to avoid counting readmissions that may have been planned.

Septicemia					
Hospital	Cases	Mortality	Average Hospital Charge		
Meadville	239	•	\$27,413		
Meyersdale Community	13	0	\$14,701		
Millcreek Community	81	0	\$21,916		
Miners	44	•	\$19,957		
Monongahela Valley	298	0	\$32,150		
Nason	15	•	\$12,890		
Ohio Valley General	13	0	\$40,831		
Punxsutawney Area	15	0	\$17,244		
Saint Vincent	594	0	\$38,453		
Sharon Regional	259	0	\$26,390		
Somerset	235	0	\$24,202		
Southwest Regional MC	35	0	\$19,621		
St Clair Memorial	242	•	\$31,704		
Titusville Area	83	0	\$9,229		
Tyrone	8	0	\$23,643		
Uniontown	238	•	\$18,362		
UPMC Altoona	631	0	\$30,725		
UPMC Bedford	58	0	\$20,647		
UPMC East	164	0	\$46,948		
UPMC Hamot	855	0	\$51,913		
UPMC Horizon	177	0	\$32,519		
UPMC McKeesport	316	0	\$42,879		
UPMC Mercy	363	0	\$50,686		
UPMC Northwest	182	•	\$24,755		
UPMC Passavant	337	0	\$53,373		
UPMC Presby Shadyside	988	•	\$96,548		
UPMC St Margaret	258	0	\$57,150		
Warren General	169	0	\$23,227		
Washington	480	0	\$21,905		
West Penn	125	•	\$50,709		
Windber	95	0	\$16,867		

#### **Stroke**

An ischemic stroke occurs when there is an obstruction (blockage) in a blood vessel in the brain or neck causing damage or death to an area of the brain. Not included are patients who are treated with a balloon (angioplasty)/stent procedure or other surgery to remove the obstruction responsible for the stroke, or patients admitted with a rupture (break) in a blood vessel in the brain (hemorrhagic stroke) unless the hemorrhage occurs after the ischemic stroke but during the hospitalization.

#### **Understanding the Symbols**

- O Rate significantly lower than expected.
- Rate not significantly different than expected.
- Rate significantly higher than expected.
- NR Not reported. Fewer than five cases evaluated.

Stroke					
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge	
TOTAL: Statewide	21,511	3.7	13.9	\$41,568	
Western Pennsylvania	6,902	4.0	14.5	\$32,934	
ACMH	68	0	•	\$16,493	
Allegheny General	518	0	•	\$44,992	
Allegheny Valley	102	0	·	\$23,973	
Bradford Regional	7	0	·	\$11,132	
Brookville	15	•	•	\$6,933	
Butler Memorial	171	0	•	\$29,281	
Canonsburg	26	0	•	\$15,386	
Charles Cole Memorial	17	0	•	\$13,503	
Clarion	21	0	· ·	\$10,306	
Clearfield	24	0	· ·	\$12,179	
Conemaugh Valley Memorial	328	•	· ·	\$18,692	
Corry Memorial	3	NR	NR	NR	
DuBois Regional	85	0	•	\$17,649	
Elk Regional	30	0	•	\$16,319	
Ellwood City	23	0	·	\$10,492	
Excela HIth Westmoreland	166	0	•	\$22,400	
Forbes	251	0	•	\$23,645	
Frick	42	0	•	\$19,767	
Grove City	18	0	•	\$22,283	
Heritage Valley Beaver	154	0	· ·	\$15,095	
Heritage Valley Sewickley	94	0	•	\$17,677	
Highlands	5	0	·	\$13,840	
Indiana Regional	91	•	·	\$14,950	
Jameson Memorial	98	0	·	\$14,346	
Jefferson	232	0	•	\$26,388	
Kane Community	19	0	·	\$16,828	
Latrobe Area	65	0	•	\$19,946	
Magee Womens/UPMC	22	0	·	\$38,006	

Stroke					
Hospital	Cases	Mortality	Readmissions (for any reason)	Average Hospital Charge	
Meadville	110	0	<b>⊙</b>	\$23,139	
Meyersdale Community	4	NR	NR	NR	
Millcreek Community	22	0	•	\$17,880	
Miners	4	NR	NR	NR	
Monongahela Valley	110	0	•	\$23,673	
Nason	18	0	•	\$13,228	
Ohio Valley General	27	•	•	\$23,810	
Punxsutawney Area	17	0	•	\$9,925	
Saint Vincent	306	0	0	\$34,851	
Sharon Regional	101	0	0	\$21,481	
Somerset	39	0	0	\$22,717	
Southwest Regional MC	7	0	0	\$14,569	
St Clair Memorial	219	0	0	\$21,734	
Titusville Area	15	0	0	\$10,052	
Tyrone	2	NR	NR	NR	
Uniontown	79	•	•	\$14,206	
UPMC Altoona	396	0	0	\$22,963	
UPMC Bedford	16	0	·	\$11,922	
UPMC East	86	0	•	\$29,403	
UPMC Hamot	334	0	·	\$36,002	
UPMC Horizon	84	0	•	\$20,565	
UPMC McKeesport	98	0	·	\$27,039	
UPMC Mercy	328	0	·	\$41,513	
UPMC Northwest	104	0	·	\$17,827	
UPMC Passavant	187	0	·	\$30,641	
UPMC Presby Shadyside	1,018	0	·	\$69,208	
UPMC St Margaret	210	0	·	\$32,294	
Warren General	27	0	•	\$16,427	
Washington	185	0	0	\$17,369	
West Penn	40	0	•	\$37,061	
Windber	13	0	0	\$16,303	

### Medicare and Medicaid Payments — 2012 Statewide Data

Medicare fee-for-service (FFS), Medicaid FFS and Medicaid managed care organization payments for the 17 medical conditions/surgical procedures included in this Hospital Performance Report

Displayed separately are the average amounts paid by Medicare fee-for-service, Medicaid fee-for-service and Medicaid managed care organizations for inpatient hospitalizations of Pennsylvania residents only. Payments from Medicare Advantage plans (e.g., Medicare HMOs) are not included, nor are patient liabilities (e.g., coinsurance and deductible dollar amounts). The most recent payment data available to PHC4 is for calendar year 2012.

The average Medicare fee-forservice payment is calculated using the claim-payment amount based on data provided by the Centers for Medicare and Medicaid Services (CMS). The average Medicaid fee-for-service and managed care organization payments are calculated separately and are based on the claimpayment amounts obtained from the Pennsylvania Department of Human Services. The average payment for each payer category is calculated by summing the payment amounts for the cases in a particular medical condition/surgical procedure and dividing the sum by the number of cases in that condition/procedure group for the given payer.

Most of the medical conditions and surgical procedures included in this report are defined using ICD-9-CM (International Classification of Diseases, Ninth Revision, Clinical Modification) diagnosis and procedure codes, with a secondary requirement that they be limited to particular MS-DRGs (Medicare Severity – Diagnosis-Related Group) – information available from the discharge data that PHC4 receives from Pennsylvania hospitals. Two conditions (Chest Pain and Hypotension and Fainting) are comprised of single MS-DRGs.

In this section, average payments are displayed for the 17 medical conditions/surgical procedures included in this report – broken down by the MS-DRGs included within each condition/procedure. While the 17 conditions/procedures have been defined using diagnosis and procedure codes that represent a clinically cohesive population, the payment data is displayed by the individual MS-DRGs included within each condition to account for variations in case-mix.

		Medicare Fee-for-Service			dicaid r-Service	Medicaid Managed Care	
MS- DRG	MS-DRG Descriptions by Medical Condition/ Surgical Procedure	Cases	Average Payment	Cases	Average Payment	Cases	Average Payment
Abno	rmal Heartbeat	16,172	\$6,821	638	\$7,895	967	\$7,362
242	Permanent Cardiac Pacemaker Implant w/ MCC	647	\$21,283	7	NR	10	NR
243	Permanent Cardiac Pacemaker Implant w/ CC	1,165	\$14,663	29	\$17,560	29	\$17,404
244	Permanent Cardiac Pacemaker Implant w/o CC/MCC	1,051	\$11,004	35	\$12,696	31	\$15,976
246	Percutaneous Cardiovascular Procedure with Drug-Eluting Stent w/ MCC or 4+ Vessels/Stents	22	\$19,390	0	NR	2	NR
247	Percutaneous Cardiovascular Procedure with Drug-Eluting Stent w/o MCC	39	\$12,133	3	NR	0	NR
248	Percutaneous Cardiovascular Procedure with Non Drug-Eluting Stent w/ MCC or 4+ Vessels/Stents	13	\$19,025	1	NR	1	NR
249	Percutaneous Cardiovascular Procedure with Non Drug-Eluting Stent w/o MCC	14	\$10,555	3	NR	2	NR
250	Percutaneous Cardiovascular Procedure without Coronary Artery Stent w/ MCC	155	\$19,954	6	NR	8	NR
251	Percutaneous Cardiovascular Procedure without Coronary Artery Stent w/o MCC	693	\$12,521	40	\$11,589	77	\$10,617
258	Cardiac Pacemaker Device Replacement w/ MCC	1	NR	0	NR	0	NR
259	Cardiac Pacemaker Device Replacement w/o MCC	19	\$10,420	0	NR	0	NR
260	Cardiac Pacemaker Revision Except Device Replacement w/ MCC	1	NR	0	NR	1	NR
261	Cardiac Pacemaker Revision Except Device Replacement w/ CC	4	NR	0	NR	1	NR
262	Cardiac Pacemaker Revision Except Device Replacement w/o CC/MCC	2	NR	0	NR	1	NR
286	Circulatory Disorders Except Acute Myocardial Infarction, with Cardiac Catheterization w/ MCC	156	\$12,316	20	\$19,526	12	\$9,185
287	Circulatory Disorders Except Acute Myocardial Infarction, with Cardiac Catheterization w/o MCC	366	\$5,835	29	\$7,141	27	\$6,563
308	Cardiac Arrhythmia and Conduction Disorders w/ MCC	2,894	\$6,965	101	\$9,744	127	\$7,352
309	Cardiac Arrhythmia and Conduction Disorders w/ CC	4,322	\$4,311	168	\$6,048	336	\$6,360
310	Cardiac Arrhythmia and Conduction Disorders w/o CC/MCC	4,608	\$2,538	196	\$3,584	302	\$5,085
Chest	Pain	2,638	\$2,796	233	\$4,097	1,116	\$4,025
313	Chest Pain	2,638	\$2,796	233	\$4,097	1,116	\$4,025

Note: Differences in the approaches used by Medicare and Medicaid in determining payments may account for some of the variation seen across these payers for a given condition.

		Medicare Fee-for-Service		Medicaid Fee-for-Service		Medicaid Managed Care	
MS- DRG	MS-DRG Descriptions by Medical Condition/ Surgical Procedure	Cases	Average Payment	Cases	Average Payment	Cases	Average Payment
Chronic Obstructive Pulmonary Disease (COPD)		12,233	\$5,189	799	\$6,034	1,915	\$6,740
190	Chronic Obstructive Pulmonary Disease w/ MCC	4,452	\$6,370	241	\$7,362	451	\$7,063
191	Chronic Obstructive Pulmonary Disease w/ CC	4,527	\$5,184	271	\$6,347	775	\$6,848
192	Chronic Obstructive Pulmonary Disease w/o CC/MCC	3,254	\$3,578	287	\$4,624	689	\$6,407
Colorectal Procedures		3,463	\$18,691	411	\$17,813	482	\$18,778
329	Major Small and Large Bowel Procedures w/ MCC	975	\$31,694	102	\$31,345	105	\$24,957
330	Major Small and Large Bowel Procedures w/ CC	1,507	\$15,157	201	\$14,164	217	\$19,929
331	Major Small and Large Bowel Procedures w/o CC/MCC	667	\$9,386	70	\$10,272	127	\$12,360
332	Rectal Resection w/ MCC	44	\$30,591	4	NR	0	NR
333	Rectal Resection w/ CC	154	\$15,065	23	\$13,599	19	\$16,509
334	Rectal Resection w/o CC/MCC	116	\$9,101	11	\$10,219	14	\$15,888
Congestive Heart Failure (CHF)		19,593	\$6,362	678	\$9,736	1,413	\$8,380
286	Circulatory Disorders Except Acute Myocardial Infarction, with Cardiac Catheterization w/ MCC	266	\$13,739	30	\$21,793	37	\$11,499
287	Circulatory Disorders Except Acute Myocardial Infarction, with Cardiac Catheterization w/o MCC	715	\$6,829	114	\$11,628	109	\$9,688
291	Heart Failure and Shock w/ MCC	6,465	\$8,596	149	\$13,586	301	\$8,883
292	Heart Failure and Shock w/ CC	8,550	\$5,619	309	\$7,148	757	\$8,198
293	Heart Failure and Shock w/o CC/MCC	3,597	\$3,475	76	\$5,116	209	\$7,082
Diabe	tes - Medical Management	4,163	\$5,107	1,172	\$6,055	2,348	\$5,704
073	Cranial and Peripheral Nerve Disorders w/ MCC	167	\$7,958	16	\$8,619	35	\$7,065
074	Cranial and Peripheral Nerve Disorders w/o MCC	502	\$4,837	86	\$6,284	301	\$6,310
299	Peripheral Vascular Disorders w/ MCC	43	\$9,248	2	NR	4	NR
300	Peripheral Vascular Disorders w/ CC	77	\$5,237	6	NR	15	\$7,384
301	Peripheral Vascular Disorders w/o CC/MCC	3	NR	0	NR	1	NR
637	Diabetes w/ MCC	685	\$8,280	134	\$11,146	233	\$6,531
638	Diabetes w/ CC	1,867	\$4,443	554	\$5,838	1,041	\$5,712
639	Diabetes w/o CC/MCC	683	\$2,710	346	\$4,013	668	\$5,000
698	Other Kidney and Urinary Tract Diagnoses w/ MCC	30	\$9,159	6	NR	3	NR

Note: Differences in the approaches used by Medicare and Medicaid in determining payments may account for some of the variation seen across these payers for a given condition.

	MS-DRG Descriptions by Medical Condition/ Surgical Procedure	Medicare Fee-for-Service		Medicaid Fee-for-Service		Medicaid Managed Care	
MS- DRG		Cases	Average Payment	Cases	Average Payment	Cases	Average Payment
699	Other Kidney and Urinary Tract Diagnoses w/ CC	96	\$5,858	15	\$6,734	37	\$5,778
700	Other Kidney and Urinary Tract Diagnoses w/o CC/MCC	10	NR	7	NR	10	NR
Gallb	Gallbladder Removal - Laparoscopic		\$9,698	790	\$6,703	994	\$7,896
411	Cholecystectomy with Common Duct Exploration (C.D.E.) w/ MCC	1	NR	0	NR	0	NR
412	Cholecystectomy with C.D.E. w/ CC	3	NR	0	NR	1	NR
413	Cholecystectomy with C.D.E. w/o CC/MCC	5	NR	2	NR	0	NR
417	Laparoscopic Cholecystectomy without C.D.E. w/ MCC	479	\$15,159	109	\$9,958	111	\$10,927
418	Laparoscopic Cholecystectomy without C.D.E. w/ CC	868	\$9,583	218	\$7,375	288	\$8,792
419	Laparoscopic Cholecystectomy without C.D.E. w/o CC/MCC	772	\$6,397	461	\$5,619	594	\$6,879
Gallb	ladder Removal - Open	486	\$14,455	79	\$11,863	107	\$11,021
411	Cholecystectomy with C.D.E. w/ MCC	18	\$22,611	1	NR	0	NR
412	Cholecystectomy with C.D.E. w/ CC	16	\$14,324	4	NR	4	NR
413	Cholecystectomy with C.D.E. w/o CC/MCC	8	NR	0	NR	6	NR
414	Cholecystectomy Except by Laparoscope without C.D.E. w/ MCC	146	\$21,662	16	\$14,599	23	\$13,747
415	Cholecystectomy Except by Laparoscope without C.D.E. w/ CC	193	\$11,941	31	\$12,703	48	\$10,864
416	Cholecystectomy Except by Laparoscope without C.D.E. w/o CC/MCC	105	\$7,955	27	\$9,272	26	\$8,557
Heart	Heart Attack - Angioplasty/Stent		\$13,422	725	\$13,737	411	\$16,808
246	Percutaneous Cardiovascular Procedure with Drug-Eluting Stent w/ MCC or 4+ Vessels/Stents	448	\$19,754	54	\$17,511	33	\$24,104
247	Percutaneous Cardiovascular Procedure with Drug-Eluting Stent w/o MCC	1,469	\$11,623	337	\$12,629	220	\$17,799
248	Percutaneous Cardiovascular Procedure with Non Drug-Eluting Stent w/ MCC or 4+ Vessels/Stents	264	\$19,015	44	\$18,773	19	\$13,112
249	Percutaneous Cardiovascular Procedure with Non Drug-Eluting Stent w/o MCC	568	\$10,770	259	\$13,337	117	\$13,898
250	Percutaneous Cardiovascular Procedure without Coronary Artery Stent w/ MCC	61	\$17,238	6	NR	2	NR
251	Percutaneous Cardiovascular Procedure without Coronary Artery Stent w/o MCC	144	\$10,670	25	\$13,235	20	\$14,931

Note: Differences in the approaches used by Medicare and Medicaid in determining payments may account for some of the variation seen across these payers for a given condition.

		Medicare Fee-for-Service		Medicaid Fee-for-Service		Medicaid Managed Care	
MS- DRG	MS-DRG Descriptions by Medical Condition/ Surgical Procedure	Cases	Average Payment	Cases	Average Payment	Cases	Average Payment
Heart Attack - Medical Management		4,955	\$7,768	224	\$9,343	268	\$11,113
280	Acute Myocardial Infarction, Discharged Alive w/ MCC	2,169	\$10,002	76	\$12,716	81	\$13,449
281	Acute Myocardial Infarction, Discharged Alive w/ CC	1,536	\$6,205	65	\$8,520	116	\$10,854
282	Acute Myocardial Infarction, Discharged Alive w/o CC/MCC	745	\$3,916	74	\$5,792	64	\$9,072
283	Acute Myocardial Infarction, Expired w/ MCC	383	\$10,080	6	NR	6	NR
284	Acute Myocardial Infarction, Expired w/ CC	92	\$4,421	1	NR	1	NR
285	Acute Myocardial Infarction, Expired w/o CC/MCC	30	\$2,604	2	NR	0	NR
Нуро	tension and Fainting	5,701	\$3,725	192	\$4,250	523	\$4,861
312	Syncope and Collapse	5,701	\$3,725	192	\$4,250	523	\$4,861
Kidne	y and Urinary Tract Infections	10,666	\$4,718	583	\$5,444	1,123	\$6,042
689	Kidney and Urinary Tract Infections w/ MCC	2,796	\$6,501	109	\$7,888	169	\$7,993
690	Kidney and Urinary Tract Infections w/o MCC	7,870	\$4,085	474	\$4,883	954	\$5,696
Kidne	y Failure - Acute	9,553	\$6,586	541	\$9,247	940	\$7,874
682	Renal Failure w/ MCC	3,027	\$9,336	152	\$12,905	228	\$8,586
683	Renal Failure w/ CC	5,610	\$5,643	307	\$8,115	578	\$7,778
684	Renal Failure w/o CC/MCC	916	\$3,273	82	\$6,704	134	\$7,074
Pneui	Pneumonia - Aspiration		\$9,413	155	\$12,095	214	\$10,892
177	Respiratory Infections and Inflammations w/ MCC	2,007	\$11,485	70	\$14,277	99	\$11,850
178	Respiratory Infections and Inflammations w/ CC	1,758	\$8,040	70	\$10,856	83	\$10,877
179	Respiratory Infections and Inflammations w/o CC/ MCC	449	\$5,532	15	\$7,689	32	\$7,967
Pneui	monia - Infectious	15,229	\$6,126	947	\$6,436	1,758	\$7,386
177	Respiratory Infections and Inflammations w/ MCC	377	\$11,264	26	\$14,676	24	\$13,032
178	Respiratory Infections and Inflammations w/ CC	383	\$8,003	20	\$8,479	39	\$12,069
179	Respiratory Infections and Inflammations w/o CC/ MCC	62	\$5,152	4	NR	6	NR
193	Simple Pneumonia and Pleurisy w/ MCC	4,766	\$8,246	204	\$9,689	330	\$8,347
194	Simple Pneumonia and Pleurisy w/ CC	6,829	\$5,361	451	\$5,759	939	\$7,249
195	Simple Pneumonia and Pleurisy w/o CC/MCC	2,812	\$3,468	242	\$3,901	420	\$6,159

Note: Differences in the approaches used by Medicare and Medicaid in determining payments may account for some of the variation seen across these payers for a given condition.

		Medicare Fee-for-Service		Medicaid Fee-for-Service		Medicaid Managed Care	
MS- DRG	MS-DRG Descriptions by Medical Condition/ Surgical Procedure	Cases	Average Payment	Cases	Average Payment	Cases	Average Payment
Septicemia		17,099	\$11,143	1,507	\$15,326	1,487	\$11,083
870	Septicemia or Severe Sepsis with Mechanical Ventilation 96+ Hours	825	\$37,988	150	\$26,803	135	\$19,659
871	Septicemia or Severe Sepsis without Mechanical Ventilation 96+ Hours w/ MCC	11,605	\$11,246	881	\$16,986	845	\$10,886
872	Septicemia or Severe Sepsis without Mechanical Ventilation 96+ Hours w/o MCC	4,669	\$6,142	476	\$8,637	507	\$9,127
Strok	Stroke		\$7,086	734	\$9,509	588	\$10,678
061	Acute Ischemic Stroke with Use of Thrombolytic Agent w/ MCC	140	\$18,187	15	\$18,104	6	NR
062	Acute Ischemic Stroke with Use of Thrombolytic Agent w/ CC	189	\$11,710	20	\$7,545	16	\$14,850
063	Acute Ischemic Stroke with Use of Thrombolytic Agent w/o CC/MCC	45	\$8,940	7	NR	10	NR
064	Intracranial Hemorrhage or Cerebral Infarction w/ MCC	1,884	\$10,855	130	\$16,892	84	\$11,733
065	Intracranial Hemorrhage or Cerebral Infarction w/ CC	3,763	\$6,199	353	\$8,601	284	\$10,044
066	Intracranial Hemorrhage or Cerebral Infarction w/o CC/MCC	2,113	\$4,115	209	\$6,129	188	\$10,121

Note: Differences in the approaches used by Medicare and Medicaid in determining payments may account for some of the variation seen across these payers for a given condition.





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Hospitals may have commented on this report.

Comments are available on the PHC4 website or by request.

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