



**Western Pennsylvania** 

# HOSPITAL PERFORMANCE REPORT

16 Common Medical Conditions and Surgical Procedures • 2012 Data



Pennsylvania Health Care Cost Containment Council December 2013



#### **About PHC4**

The Pennsylvania Health Care Cost Containment Council (PHC4) is an independent state agency charged with collecting, analyzing, and reporting 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.

The 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.

It is governed by a 25-member board of directors representing business, labor, consumers, health care providers, insurers, and state government.

#### 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.

Scan this Quick Response Code with your smartphone (using a QR code reader app) or visit **www.phc4.org** to learn more about PHC4.



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# Counties included in this Report:

Allegheny

Armstrong

Beaver

Bedford

Blair

Butler

Cambria

Cameron

Clarion

Clearfield

Crawford

Elk

Erie

Fayette

Forest

Greene

Indiana

Jefferson Lawrence

McKean

Mercer

Potter

Somerset

Venango

Warren

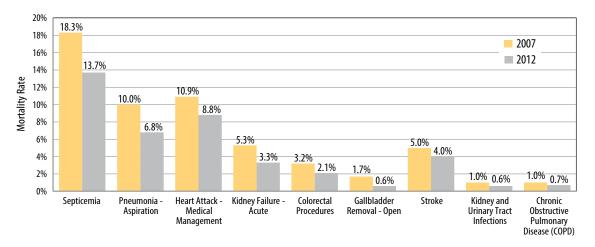
Washington

Westmoreland

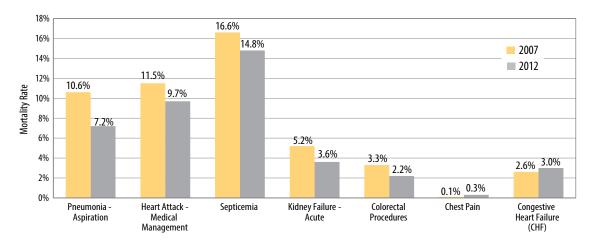
# **Key Findings**

#### **Mortality Rates**

• Statewide in-hospital mortality rates showed a statistically significant decrease in nine of the 16 conditions between 2007 and 2012 (as graphed below). Of these, the largest decrease was in Septicemia, where the mortality rate decreased from 18.3% in 2007 to 13.7% in 2012. The only statistically significant increase was in Chest Pain, where the mortality rate increased from 0.04% in 2007 to 0.10% in 2012 (not graphed due to scale).



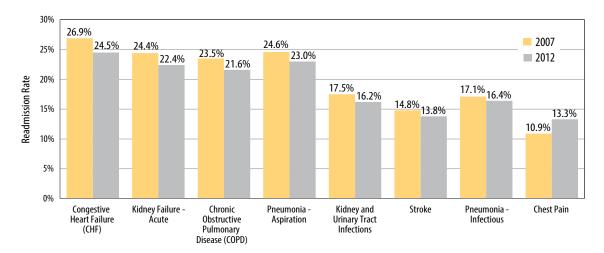
• In Western Pennsylvania, mortality rates showed a statistically significant decrease in five of the 16 conditions between 2007 and 2012. Of these, the largest decrease was in Pneumonia - Aspiration, where the mortality rate decreased from 10.6% in 2007 to 7.2% in 2012. Statistically significant increases were seen in two conditions, with the largest increase in Congestive Heart Failure (CHF), where the mortality rate increased from 2.6% in 2007 to 3.0% in 2012.



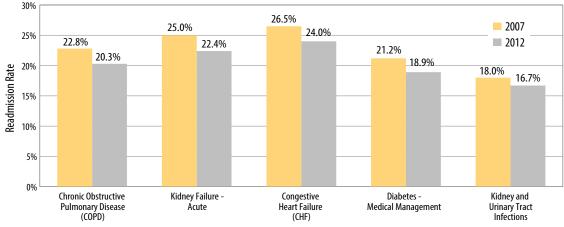
After accounting for patient risk, hospitals in the Western Pennsylvania region as a whole had a
significantly higher mortality rate than the rest of the state for Chest Pain, Kidney and Urinary Tract
Infections, Pneumonia - Infectious, Septicemia, and Stroke.

#### **Readmission Rates**

Statewide patient readmission rates showed a statistically significant decrease in seven of the 13 conditions for which readmissions were reported between 2007 and 2012. Of these, the largest decrease was in Congestive Heart Failure (CHF), where the readmission rate decreased from 26.9% in 2007 to 24.5% in 2012. The only increase was in Chest Pain, where the readmission rate increased from 10.9% in 2007 to 13.3% in 2012.



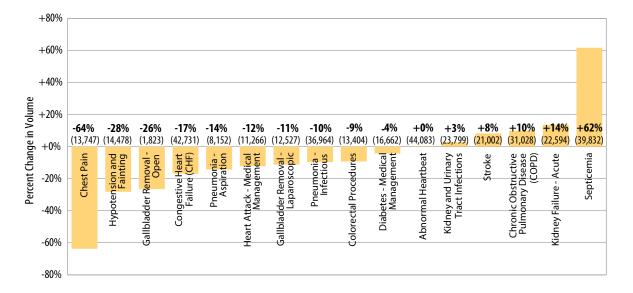
• In Western Pennsylvania, patient readmission rates showed a statistically significant decrease in five of the 13 conditions for which readmissions were reported between 2007 and 2012. Of these, the largest decrease was in Chronic Obstructive Pulmonary Disease (COPD), where the readmission rate decreased from 22.8% in 2007 to 20.3% in 2012. No condition in Western Pennsylvania showed a statistically significant increase in readmission rate between 2007 and 2012.



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. They also had a significantly higher
readmission rate than the rest of the state for Kidney and Urinary Tract Infections.

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

• The following chart shows the statewide percent change in volume, from 2007 to 2012, for each of the 16 conditions and procedures included in this report (admission totals in 2012 are shown in parentheses). Chest Pain had the largest percentage decrease in volume (-63.7%), from 37,868 admissions in 2007 to 13,747 in 2012. Septicemia had the largest percentage increase in volume (+61.6%), from 24,642 admissions in 2007 to 39,832 in 2012.



#### Medicare and Medicaid Payments (2011 data)

#### Medicare Fee-for-Service

- Medicare fee-for-service was the primary payer for 44.5% of the Pennsylvania admissions in 2011 for the conditions and procedures in this report, for a total of nearly \$1.12 billion.
- The condition with the highest average Medicare fee-for-service payment in 2011 was Colorectal Procedures, at \$18,806 per hospitalization. The condition with the lowest average Medicare fee-for-service payment in 2011 was Chest Pain, at \$2,774 per hospitalization.

#### **Medicaid Fee-for-Service**

- Medicaid fee-for-service was the primary payer for 3.0% of the Pennsylvania admissions in 2011 for the conditions and procedures in this report, for a total of nearly \$99 million.
- The condition with the highest average Medicaid fee-for-service payment in 2011 was Colorectal Procedures, at \$18,099 per hospitalization. The condition with the lowest average Medicaid fee-for-service payment in 2011 was Chest Pain, at \$3,599 per hospitalization.

#### **Medicaid Managed Care**

- Medicaid managed care was the primary payer for 4.9% of the Pennsylvania admissions in 2011 for the conditions and procedures in this report, for a total of \$125 million.
- The condition with the highest average Medicaid managed care payment in 2011 was Colorectal Procedures, at \$16,782 per hospitalization. The condition with the lowest average Medicaid managed care payment in 2011 was Chest Pain, at \$3,799 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 can help to fill the information vacuum and assist consumers and purchasers in making more informed health care decisions. This report 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 16 medical conditions and surgical procedures, as defined by ICD-9-CM (International Classification of Diseases, Ninth Revision, Clinical Modification) codes and/or Diagnosis-Related Groups (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 2012.
- This report is divided into three regional versions: Western PA, Central and Northeastern PA, and Southeastern PA.
- 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 timeframe of the report.



• The hospital names have been shortened in many cases for formatting purposes. Hospital names may be different today than during the time period covered in this report due to mergers and name changes. A list of changes can be found on the PHC4 website at www.phc4.org.

#### Where does the data come from?

The 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. The Medicare fee-for-service payment data was obtained from the Centers for Medicare and Medicaid Services. Medicaid payment data (fee-for-service and managed care) was obtained from the Pennsylvania Department of Public Welfare.

#### **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 for this report 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. Since DNR is defined and utilized differently across Pennsylvania hospitals, such records are retained in the analysis to avoid potential biases in mortality ratings.
- Risk-Adjusted Readmissions This measure is reported as a statistical 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 16 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-forservice, and Medicaid managed care
for the 16 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 2011.

#### 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	Readmission (for any reason)	Average Hospital Charge	
TOTAL: Statewide	44,083	0.9%	14.8%	\$38,850	
Western Pennsylvania	14,541	0.9%	14.6%	\$24,201	
ACMH	130	0	·	\$17,908	
Allegheny General	639	0	·	\$28,932	
Allegheny Valley	290	0	·	\$19,540	
Altoona Regional	560	0	·	\$19,206	
Bradford Regional	49	0	•	\$12,912	
Brookville	27	0	•	\$13,113	
Butler Memorial	500	0	•	\$24,380	
Canonsburg General	77	0	•	\$24,341	
Charles Cole Memorial	39	0	•	\$12,580	
Clarion	73	0	•	\$10,579	
Clearfield	71	0	0	\$14,694	
Conemaugh Valley Memorial	671	0	•	\$16,624	
Corry Memorial	4	NR	NR	NR	
DuBois Regional	217	0	•	\$13,505	
Elk Regional	61	0	·	\$15,575	
Ellwood City	68	0	•	\$11,633	
Excela HIth Westmoreland	630	0	·	\$22,020	
Forbes Regional	470	0	•	\$19,961	
Frick	135	0	•	\$16,401	
Grove City	75	0	•	\$18,865	
Heritage Valley Beaver	539	0	<b>⊙</b>	\$14,402	
Heritage Valley Sewickley	221	0	•	\$14,381	
Highlands	46	0	·	\$19,264	
Indiana Regional	228	0	•	\$17,473	
Jameson Memorial	189	•	•	\$15,360	
Jefferson Regional	640	0	•	\$18,874	
Kane Community	14	0	·	\$13,535	
Latrobe Area	246	0	•	\$16,820	

Abnormal Heartbeat				
Hospital	Cases	Mortality	Readmission (for any reason)	Average Hospital Charge
Magee Womens/UPMC	60	0	·	\$34,172
Meadville	167	0	·	\$18,436
Meyersdale Community	11	0	·	\$15,905
Millcreek Community	48	0	·	\$21,085
Miners	6	0	0	\$20,709
Monongahela Valley	187	0	·	\$20,915
Nason	45	0	0	\$11,877
Ohio Valley General	101	0	0	\$28,550
Punxsutawney Area	35	0	·	\$11,155
Saint Vincent Health	533	0	0	\$35,587
Sharon Regional	319	0	0	\$20,824
Somerset	92	0	0	\$18,904
Southwest Regional MC	75	0	·	\$16,358
St Clair Memorial	623	•	·	\$21,201
Titusville Area	28	0	·	\$9,189
Tyrone	22	0	·	\$13,560
Uniontown	283	0	0	\$11,081
UPMC Bedford	51	0	·	\$13,318
UPMC Hamot	650	0	·	\$34,023
UPMC Horizon	211	0	·	\$19,521
UPMC McKeesport	223	0	·	\$24,920
UPMC Mercy	475	0	·	\$28,593
UPMC Northwest	146	0	·	\$17,112
UPMC Passavant	709	0	·	\$29,600
UPMC Presby Shadyside	1,429	0	·	\$43,401
UPMC St Margaret	411	0	·	\$27,481
Warren General	54	0	·	\$20,998
Washington	482	0	·	\$16,219
Western Pennsylvania	35	0	·	\$26,279
Windber	40	0	•	\$13,946

#### **Chest Pain**

Pain in the chest that is 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**

- 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	Mortality	Readmission (for any reason)	Average Hospital Charge	
TOTAL: Statewide	13,747	0.1%	13.3%	\$20,464	
Western Pennsylvania	2,724	0.3%	12.0%	\$12,262	
ACMH	11	0	0	\$6,556	
Allegheny General	63	0	0	\$16,655	
Allegheny Valley	39	0	0	\$14,350	
Altoona Regional	102	0	·	\$10,954	
Bradford Regional	4	NR	NR	NR	
Brookville	0	NR	NR	NR	
Butler Memorial	38	0	·	\$15,041	
Canonsburg General	9	0	·	\$16,063	
Charles Cole Memorial	5	0	·	\$9,496	
Clarion	3	NR	NR	NR	
Clearfield	4	NR	NR	NR	
Conemaugh Valley Memorial	236	0	·	\$9,241	
Corry Memorial	3	NR	NR	NR	
DuBois Regional	17	0	<b>⊙</b>	\$8,534	
Elk Regional	9	0	•	\$6,558	
Ellwood City	10	0	·	\$9,831	
Excela Hlth Westmoreland	216	0	·	\$10,836	
Forbes Regional	61	0	<b>⊙</b>	\$14,701	
Frick	34	0	<b>⊙</b>	\$9,746	
Grove City	4	NR	NR	NR	
Heritage Valley Beaver	66	0	<b>⊙</b>	\$7,649	
Heritage Valley Sewickley	45	0	•	\$7,431	
Highlands	12	0	•	\$11,018	
Indiana Regional	39	0	·	\$11,010	
Jameson Memorial	76	0	•	\$8,600	
Jefferson Regional	87	0	•	\$11,763	
Kane Community	1	NR	NR	NR	
Latrobe Area	47	0	<b>⊙</b>	\$9,886	

Chest Pain				
Hospital	Cases	Mortality	Readmission (for any reason)	Average Hospital Charge
Magee Womens/UPMC	16	0	0	\$19,693
Meadville	6	0	0	\$12,870
Meyersdale Community	1	NR	NR	NR
Millcreek Community	17	0	0	\$10,667
Miners	4	NR	NR	NR
Monongahela Valley	39	0	0	\$12,288
Nason	13	•	0	\$5,805
Ohio Valley General	14	0	0	\$16,552
Punxsutawney Area	14	0	0	\$5,445
Saint Vincent Health	35	0	0	\$19,182
Sharon Regional	192	0	0	\$10,555
Somerset	14	0	0	\$12,575
Southwest Regional MC	8	0	0	\$10,256
St Clair Memorial	48	0	0	\$13,100
Titusville Area	6	0	0	\$3,093
Tyrone	2	NR	NR	NR
Uniontown	120	0	0	\$5,876
UPMC Bedford	7	0	·	\$7,931
UPMC Hamot	34	0	·	\$18,845
UPMC Horizon	29	0	•	\$10,386
UPMC McKeesport	90	0	·	\$14,249
UPMC Mercy	112	0	0	\$16,791
UPMC Northwest	46	0	·	\$7,841
UPMC Passavant	66	0	·	\$15,194
UPMC Presby Shadyside	245	0	·	\$23,198
UPMC St Margaret	81	0	·	\$15,978
Warren General	8	0	<b>O</b>	\$13,637
Washington	191	•	<b>O</b>	\$8,325
Western Pennsylvania	11	0	<b>O</b>	\$14,948
Windber	3	NR	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	Readmission (for any reason)	Average Hospital Charge		
TOTAL: Statewide	31,028	0.7%	21.6%	\$26,969		
Western Pennsylvania	11,583	0.7%	20.3%	\$15,773		
ACMH	111	0	•	\$11,648		
Allegheny General 🖺	197	•	•	\$22,608		
Allegheny Valley	209	0	•	\$13,372		
Altoona Regional	358	0	•	\$14,812		
Bradford Regional	91	0	•	\$10,411		
Brookville	48	0	•	\$9,903		
Butler Memorial	352	0	•	\$15,633		
Canonsburg General	158	0	•	\$16,382		
Charles Cole Memorial	79	0	·	\$9,101		
Clarion	79	0	•	\$9,648		
Clearfield	94	0	•	\$11,747		
Conemaugh Valley Memorial	447	0	•	\$12,175		
Corry Memorial	58	0	•	\$12,992		
DuBois Regional	139	0	<b>⊙</b>	\$10,231		
Elk Regional	143	0	·	\$10,032		
Ellwood City	78	0	•	\$7,328		
Excela Hith Westmoreland	600	0	•	\$15,809		
Forbes Regional	292	0	•	\$16,324		
Frick	209	0	•	\$12,725		
Grove City	103	0	•	\$17,711		
Heritage Valley Beaver	392	0	·	\$10,888		
Heritage Valley Sewickley	192	0	·	\$11,804		
Highlands	114	0	0	\$12,967		
Indiana Regional	134	0	0	\$9,950		
Jameson Memorial	390	0	·	\$11,127		
Jefferson Regional	664	0	•	\$16,170		
Kane Community	53	0	·	\$11,416		
Latrobe Area	294	0	•	\$12,487		

This hospital has submitted comments specific to this condition. These comments are posted on PHC4's website at http://www.phc4.org/reports/hpr/12/comments.htm.

Chronic Obstru	ctive Pu	lmonary	Disease (COPI	D)
Hospital	Cases	Mortality	Readmission (for any reason)	Average Hospital Charge
Magee Womens/UPMC	81	0	·	\$29,067
Meadville	186	•	·	\$15,616
Meyersdale Community	20	•	·	\$9,284
Millcreek Community	81	0	<b>O</b>	\$14,222
Miners	44	0	·	\$12,036
Monongahela Valley	250	0	·	\$14,315
Nason	29	0	·	\$8,480
Ohio Valley General	132	0	·	\$15,528
Punxsutawney Area	75	0	0	\$9,696
Saint Vincent Health	169	0	0	\$21,926
Sharon Regional	173	0	0	\$13,834
Somerset	77	0	·	\$15,602
Southwest Regional MC	144	0	·	\$10,309
St Clair Memorial	325	•	·	\$14,541
Titusville Area	52	•	·	\$6,022
Tyrone	28	•	<b>O</b>	\$10,484
Uniontown	331	0	<b>O</b>	\$9,699
UPMC Bedford	38	0	<b>O</b>	\$9,965
UPMC Hamot	251	0	·	\$25,537
UPMC Horizon	203	0	·	\$15,148
UPMC McKeesport	326	0	•	\$18,515
UPMC Mercy	332	0	0	\$22,416
UPMC Northwest	295	•	·	\$13,870
UPMC Passavant	419	0	<b>O</b>	\$24,940
UPMC Presby Shadyside	510	•	·	\$33,260
UPMC St Margaret	333	•	0	\$23,412
Warren General	133	•	0	\$15,559
Washington	339	0	<b>O</b>	\$11,293
Western Pennsylvania	55	•	·	\$18,488
Windber	33	•	<b>⊙</b>	\$12,589

#### **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	13,404	2.1%	\$78,579			
Western Pennsylvania	4,478	2.2%	\$60,398			
ACMH	45	0	\$31,866			
Allegheny General	144	0	\$59,516			
Allegheny Valley	31	0	\$48,818			
Altoona Regional	205	0	\$41,028			
Bradford Regional	26	0	\$25,208			
Brookville	11	0	\$27,968			
Butler Memorial	87	0	\$60,630			
Canonsburg General	45	0	\$34,539			
Charles Cole Memorial	12	0	\$34,310			
Clarion	10	0	\$37,170			
Clearfield	44	0	\$26,375			
Conemaugh Valley Memorial	156	0	\$36,951			
Corry Memorial	6	0	\$34,487			
DuBois Regional	68	0	\$34,073			
Elk Regional	15	0	\$28,424			
Ellwood City	16	0	\$32,131			
Excela HIth Westmoreland	120	0	\$37,653			
Forbes Regional	127	0	\$44,347			
Frick	27	0	\$31,917			
Grove City	11	0	\$30,527			
Heritage Valley Beaver	145	0	\$32,070			
Heritage Valley Sewickley	85	0	\$32,900			
Highlands	26	0	\$37,528			
Indiana Regional	48	0	\$37,222			
Jameson Memorial	63	0	\$29,688			
Jefferson Regional	248	0	\$37,559			
Kane Community	3	NR	NR			
Latrobe Area	79	0	\$39,465			

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

Colorectal Procedures					
Hospital	Cases	Mortality	Average Hospital Charge		
Magee Womens/UPMC	38	0	\$67,707		
Meadville	58	0	\$53,633		
Meyersdale Community	0	NR	NR		
Millcreek Community	10	0	\$44,842		
Miners	7	0	\$25,037		
Monongahela Valley	91	0	\$42,661		
Nason	36	0	\$23,285		
Ohio Valley General	30	0	\$45,610		
Punxsutawney Area	20	0	\$24,365		
Saint Vincent Health	128	0	\$84,231		
Sharon Regional	48	0	\$41,932		
Somerset	38	0	\$39,428		
Southwest Regional MC	19	0	\$35,445		
St Clair Memorial	189	0	\$55,801		
Titusville Area	5	0	NR		
Tyrone	3	NR	NR		
Uniontown	100	0	\$22,335		
UPMC Bedford	9	0	\$38,086		
UPMC Hamot	146	0	\$104,420		
UPMC Horizon	59	0	\$58,834		
UPMC McKeesport	36	0	\$52,895		
UPMC Mercy	96	0	\$84,771		
UPMC Northwest	37	0	\$30,958		
UPMC Passavant	414	0	\$70,081		
UPMC Presby Shadyside	622	0	\$125,359		
UPMC St Margaret	139	0	\$77,194		
Warren General	17	0	\$43,920		
Washington	101	0	\$28,318		
Western Pennsylvania	8	0	\$92,165		
Windber	58	0	\$36,190		

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

### 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 buildup 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	Readmission (for any reason)	Average Hospital Charge
TOTAL: Statewide	42,731	2.8%	24.5%	\$33,169
Western Pennsylvania	14,584	3.0%	24.0%	\$21,389
ACMH	93	0	0	\$12,577
Allegheny General	557	0	•	\$26,755
Allegheny Valley	392	0	•	\$19,719
Altoona Regional	541	0	0	\$17,159
Bradford Regional	68	0	0	\$11,608
Brookville	36	0	0	\$9,928
Butler Memorial	293	0	0	\$20,734
Canonsburg General	148	0	0	\$21,450
Charles Cole Memorial	45	0	0	\$13,284
Clarion	61	0	0	\$8,747
Clearfield	115	0	0	\$12,857
Conemaugh Valley Memorial	669	•	·	\$15,496
Corry Memorial	47	0	·	\$15,763
DuBois Regional	238	0	•	\$12,099
Elk Regional	124	0	·	\$12,065
Ellwood City	125	0	•	\$10,618
Excela Hith Westmoreland	645	0	•	\$19,070
Forbes Regional	447	0	·	\$19,422
Frick	150	0	·	\$16,182
Grove City	72	0	·	\$20,190
Heritage Valley Beaver	611	0	·	\$13,771
Heritage Valley Sewickley	213	0	·	\$14,780
Highlands	71	0	·	\$16,165
Indiana Regional	218	0	·	\$13,817
Jameson Memorial	291	0	•	\$12,774
Jefferson Regional	526	0	·	\$19,192
Kane Community	70	0	•	\$17,236
Latrobe Area	249	0	•	\$19,583

This hospital has submitted comments specific to this condition. These comments are posted on PHC4's website at http://www.phc4.org/reports/hpr/12/comments.htm.

Congestive Heart Failure (CHF)					
Hospital	Cases	Mortality	Readmission (for any reason)	Average Hospital Charge	
Magee Womens/UPMC	70	0	·	\$34,814	
Meadville	162	0	·	\$18,312	
Meyersdale Community	20	0	·	\$11,567	
Millcreek Community	99	0	·	\$17,926	
Miners	49	0	•	\$13,162	
Monongahela Valley	285	0	·	\$18,793	
Nason	94	0	·	\$10,862	
Ohio Valley General	118	0	0	\$26,826	
Punxsutawney Area	78	0	0	\$11,276	
Saint Vincent Health	422	0	0	\$29,533	
Sharon Regional	201	•	0	\$18,222	
Somerset	128	0	·	\$18,347	
Southwest Regional MC	120	0	0	\$13,141	
St Clair Memorial	588	0	·	\$18,075	
Titusville Area	45	0	0	\$8,581	
Tyrone	50	0	·	\$12,778	
Uniontown	369	•	·	\$11,459	
UPMC Bedford	49	0	·	\$9,520	
UPMC Hamot	422	0	0	\$37,524	
UPMC Horizon	229	0	•	\$18,265	
UPMC McKeesport	337	0	·	\$22,676	
UPMC Mercy	357	0	0	\$26,447	
UPMC Northwest	159	•	0	\$16,171	
UPMC Passavant	544	0	0	\$26,804	
UPMC Presby Shadyside	1,159	0	·	\$41,424	
UPMC St Margaret	512	0	·	\$28,392	
Warren General	114	•	·	\$17,335	
Washington	483	•	·	\$13,506	
Western Pennsylvania	63	•	·	\$28,309	
Windber	83	•	•	\$14,000	

#### Diabetes – Medical Management

Inability of the body to metabolize food properly because it does not 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	Readmission (for any reason)	Average Hospital Charge	
TOTAL: Statewide	16,662	0.6%	21.0%	\$26,649	
Western Pennsylvania	4,799	0.5%	18.9%	\$15,446	
ACMH	50	0	0	\$9,985	
Allegheny General	210	0	0	\$20,079	
Allegheny Valley	106	0	0	\$13,061	
Altoona Regional	162	0	·	\$13,012	
Bradford Regional	23	0	·	\$8,791	
Brookville	6	0	·	\$6,785	
Butler Memorial	100	0	·	\$14,940	
Canonsburg General	45	0	0	\$12,166	
Charles Cole Memorial	17	0	·	\$9,104	
Clarion	45	0	·	\$6,879	
Clearfield	24	0	•	\$9,465	
Conemaugh Valley Memorial	275	0	•	\$11,842	
Corry Memorial	4	NR	NR	NR	
DuBois Regional	79	0	·	\$11,642	
Elk Regional	51	0	·	\$7,294	
Ellwood City	10	0	·	\$7,764	
Excela HIth Westmoreland	203	0	•	\$13,722	
Forbes Regional	165	0	·	\$12,815	
Frick	56	0	·	\$10,672	
Grove City	24	0	·	\$13,376	
Heritage Valley Beaver	130	0	·	\$9,732	
Heritage Valley Sewickley	94	0	•	\$11,859	
Highlands	29	0	•	\$9,221	
Indiana Regional	76	•	·	\$10,376	
Jameson Memorial	91	0	0	\$9,759	
Jefferson Regional	149	0	•	\$12,178	
Kane Community	14	0	·	\$10,952	
Latrobe Area	73	0	·	\$10,421	

Diabetes - Medical Management					
Hospital	Cases	Mortality	Readmission (for any reason)	Average Hospital Charge	
Magee Womens/UPMC	60	0	·	\$23,979	
Meadville	41	0	•	\$14,086	
Meyersdale Community	5	0	NR	\$6,087	
Millcreek Community	14	0	·	\$13,654	
Miners	7	0	•	\$14,441	
Monongahela Valley	92	0	·	\$13,034	
Nason	12	0	•	\$7,094	
Ohio Valley General	51	0	•	\$12,379	
Punxsutawney Area	22	0	•	\$7,152	
Saint Vincent Health	154	0	·	\$22,763	
Sharon Regional	90	0	•	\$11,773	
Somerset	21	0	·	\$13,709	
Southwest Regional MC	30	0	·	\$9,798	
St Clair Memorial	116	0	•	\$12,228	
Titusville Area	21	0	·	\$4,734	
Tyrone	8	0	·	\$9,852	
Uniontown	143	0	·	\$8,753	
UPMC Bedford	18	0	•	\$9,489	
UPMC Hamot	125	0	·	\$25,338	
UPMC Horizon	80	0	•	\$16,249	
UPMC McKeesport	142	0	·	\$17,183	
UPMC Mercy	189	0	·	\$18,170	
UPMC Northwest	71	0	·	\$10,972	
UPMC Passavant	121	0	·	\$19,505	
UPMC Presby Shadyside	435	0	0	\$31,436	
UPMC St Margaret	138	0	·	\$18,927	
Warren General	27	0	•	\$15,005	
Washington	131	0	·	\$9,973	
Western Pennsylvania	64	0	·	\$16,418	
Windber	27	0	0	\$10,333	

#### 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	Readmission (for any reason)	Average Hospital Charge	
TOTAL: Statewide	12,527	0.3%	6.9%	\$42,427	
Western Pennsylvania	4,149	0.2%	7.3%	\$29,001	
ACMH	113	0	0	\$16,463	
Allegheny General	84	0	0	\$36,780	
Allegheny Valley	86	0	0	\$28,318	
Altoona Regional	209	0	0	\$26,562	
Bradford Regional	2	NR	NR	NR	
Brookville	3	NR	NR	NR	
Butler Memorial	149	0	•	\$26,889	
Canonsburg General	108	0	•	\$22,541	
Charles Cole Memorial	14	0	0	\$21,017	
Clarion	17	0	0	\$18,932	
Clearfield	18	0	0	\$23,076	
Conemaugh Valley Memorial	111	0	0	\$21,453	
Corry Memorial	7	0	NR	\$11,250	
DuBois Regional	25	0	0	\$25,374	
Elk Regional	24	0	0	\$22,415	
Ellwood City	19	0	0	\$12,759	
Excela HIth Westmoreland	144	0	0	\$21,243	
Forbes Regional	123	0	0	\$30,563	
Frick	26	0	0	\$20,694	
Grove City	7	0	0	\$21,671	
Heritage Valley Beaver	175	0	0	\$16,019	
Heritage Valley Sewickley	125	0	0	\$15,358	
Highlands	53	0	0	\$18,796	
Indiana Regional	65	0	0	\$25,345	
Jameson Memorial	97	0	•	\$19,493	
Jefferson Regional	216	0	0	\$22,829	
Kane Community	2	NR	NR	NR	
Latrobe Area	45	0	·	\$20,758	

Gallbladder Removal - Laparoscopic						
Hospital	Cases	Mortality	Readmission (for any reason)	Average Hospital Charge		
Magee Womens/UPMC	20	0	<b>⊙</b>	\$41,953		
Meadville	28	0	<b>⊙</b>	\$27,853		
Meyersdale Community	0	NR	NR	NR		
Millcreek Community	17	•	•	\$21,519		
Miners	7	0	·	\$19,749		
Monongahela Valley	95	0	·	\$20,981		
Nason	32	0	·	\$11,713		
Ohio Valley General	36	0	·	\$26,696		
Punxsutawney Area	14	0	•	\$14,806		
Saint Vincent Health	136	0	•	\$43,904		
Sharon Regional	39	0	•	\$28,250		
Somerset	40	0	•	\$23,355		
Southwest Regional MC	15	0	•	\$21,666		
St Clair Memorial	202	0	·	\$29,264		
Titusville Area	10	0	•	\$10,248		
Tyrone	3	NR	NR	NR		
Uniontown	143	0	·	\$12,486		
UPMC Bedford	9	0	·	\$16,702		
UPMC Hamot	131	0	·	\$53,369		
UPMC Horizon	77	0	·	\$32,514		
UPMC McKeesport	74	0	0	\$34,294		
UPMC Mercy	103	0	•	\$40,357		
UPMC Northwest	41	0	·	\$17,901		
UPMC Passavant	199	0	<b>O</b>	\$40,197		
UPMC Presby Shadyside	243	0	•	\$58,550		
UPMC St Margaret	177	0	<b>O</b>	\$43,031		
Warren General	9	0	0	\$30,263		
Washington	114	0	0	\$19,569		
Western Pennsylvania	17	0	<b>O</b>	\$37,696		
Windber	30	0	0	\$20,125		

#### 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	Readmission (for any reason)	Average Hospital Charge		
TOTAL: Statewide	1,823	0.6%	10.4%	\$66,455		
Western Pennsylvania	563	0.7%	9.1%	\$47,448		
ACMH	5	0	·	NR		
Allegheny General	32	0	·	\$49,433		
Allegheny Valley	5	0	·	\$36,558		
Altoona Regional	20	0	•	\$24,692		
Bradford Regional	0	NR	NR	NR		
Brookville	3	NR	NR	NR		
Butler Memorial	2	NR	NR	NR		
Canonsburg General	7	0	•	\$28,387		
Charles Cole Memorial	2	NR	NR	NR		
Clarion	9	0	•	\$19,097		
Clearfield	7	0	•	\$28,591		
Conemaugh Valley Memorial	19	0	•	\$20,674		
Corry Memorial	4	NR	NR	NR		
DuBois Regional	2	NR	NR	NR		
Elk Regional	5	0	•	\$22,770		
Ellwood City	5	0	•	\$19,430		
Excela Hlth Westmoreland	24	0	•	\$36,915		
Forbes Regional	10	0	•	\$30,350		
Frick	1	NR	NR	NR		
Grove City	2	NR	NR	NR		
Heritage Valley Beaver	21	0	•	\$25,513		
Heritage Valley Sewickley	2	NR	NR	NR		
Highlands	4	NR	NR	NR		
Indiana Regional	2	NR	NR	NR		
Jameson Memorial	8	0	•	\$26,545		
Jefferson Regional	27	0	•	\$32,570		
Kane Community	0	NR	NR	NR		
Latrobe Area	1	NR	NR	NR		

Gallbladder Removal - Open					
Hospital	Cases	Mortality	Readmission (for any reason)	Average Hospital Charge	
Magee Womens/UPMC	0	NR	NR	NR	
Meadville	14	0	•	\$38,747	
Meyersdale Community	0	NR	NR	NR	
Millcreek Community	1	NR	NR	NR	
Miners	0	NR	NR	NR	
Monongahela Valley	20	0	•	\$27,730	
Nason	5	0	•	\$11,403	
Ohio Valley General	5	0	·	\$50,589	
Punxsutawney Area	0	NR	NR	NR	
Saint Vincent Health	34	0	·	\$64,083	
Sharon Regional	12	0	·	\$42,229	
Somerset	3	NR	NR	NR	
Southwest Regional MC	4	NR	NR	NR	
St Clair Memorial	11	0	•	\$38,389	
Titusville Area	4	NR	NR	NR	
Tyrone	0	NR	NR	NR	
Uniontown	5	0	<b>⊙</b>	\$14,688	
UPMC Bedford	1	NR	NR	NR	
UPMC Hamot	42	0	·	\$64,379	
UPMC Horizon	8	0	·	\$57,994	
UPMC McKeesport	21	0	•	\$49,827	
UPMC Mercy	15	0	•	\$54,509	
UPMC Northwest	11	0	·	\$24,075	
UPMC Passavant	10	0	·	\$57,832	
UPMC Presby Shadyside	61	0	·	\$102,855	
UPMC St Margaret	13	0	·	\$72,568	
Warren General	2	NR	NR	NR	
Washington	20	0	·	\$28,128	
Western Pennsylvania	2	NR	NR	NR	
Windber	6	0	•	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.

- 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	11,266	17.6	8.8%	\$38,227	
Western Pennsylvania	3,955	18.8	9.7%	\$26,833	
ACMH*	42	33.3	0	\$15,590	
Allegheny General*	190	1.1	0	\$36,991	
Allegheny Valley	139	36.9	0	\$22,150	
Altoona Regional*	234	4.9	0	\$24,108	
Bradford Regional	24	34.6	0	\$12,493	
Brookville	16	58.3	0	\$8,146	
Butler Memorial*	93	2.2	0	\$30,650	
Canonsburg General	16	59.0	0	\$15,140	
Charles Cole Memorial	10	50.0	0	\$11,045	
Clarion	17	37.5	0	\$7,613	
Clearfield	7	64.7	0	\$9,346	
Conemaugh Valley Memorial*	259	4.8	0	\$19,061	
Corry Memorial	6	25.0	0	\$12,467	
DuBois Regional*	73	16.7	0	\$18,324	
Elk Regional	12	43.8	0	\$17,267	
Ellwood City	4	NR	NR	NR	
Excela HIth Westmoreland*	205	14.6	0	\$24,500	
Forbes Regional*	78	4.0	0	\$26,932	
Frick	33	15.8	0	\$15,832	
Grove City	5	0.0	0	\$23,451	
Heritage Valley Beaver*	127	4.1	0	\$14,594	
Heritage Valley Sewickley	46	38.5	0	\$15,213	
Highlands	4	NR	NR	NR	
Indiana Regional	71	29.2	0	\$14,953	
Jameson Memorial*	58	36.7	0	\$18,175	
Jefferson Regional*	77	2.8	0	\$26,022	
Kane Community	7	60.0	0	\$24,212	
Latrobe Area	69	32.3	0	\$15,584	

<sup>\*</sup> 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.

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

Heart Attack - Medical Management					
Hospital	Cases	Transfer to Acute Care %	Mortality	Average Hospital Charge	
Magee Womens/UPMC	9	38.5	0	\$48,390	
Meadville*	21	51.4	0	\$18,736	
Meyersdale Community	5	20.0	0	\$10,559	
Millcreek Community	6	62.5	0	\$27,258	
Miners	13	7.7	0	\$18,043	
Monongahela Valley*	128	23.6	0	\$22,997	
Nason	5	58.3	0	\$17,026	
Ohio Valley General	13	44.4	•	\$19,979	
Punxsutawney Area	27	44.4	0	\$11,153	
Saint Vincent Health*	130	0.8	0	\$43,226	
Sharon Regional*	64	10.0	0	\$24,039	
Somerset*	38	42.2	0	\$23,936	
Southwest Regional MC	8	72.0	0	\$14,652	
St Clair Memorial*	142	0.8	0	\$21,515	
Titusville Area	7	41.7	0	\$8,276	
Tyrone	19	20.8	0	\$11,142	
Uniontown*	80	39.5	•	\$13,811	
UPMC Bedford	11	65.0	0	\$13,392	
UPMC Hamot*	220	1.0	0	\$46,463	
UPMC Horizon	39	46.9	0	\$18,528	
UPMC McKeesport*	115	20.9	0	\$32,594	
UPMC Mercy*	134	1.7	0	\$31,916	
UPMC Northwest	27	54.5	0	\$17,529	
UPMC Passavant*	184	1.1	•	\$29,536	
UPMC Presby Shadyside*	305	1.4	•	\$53,055	
UPMC St Margaret	89	42.6	•	\$29,808	
Warren General	10	33.3	•	\$18,811	
Washington*	150	4.1	•	\$16,313	
Western Pennsylvania	9	65.4	•	\$26,111	
Windber	16	45.8	•	\$16,495	

<sup>\*</sup> 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.

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

### 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**

- 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	Readmission (for any reason)	Average Hospital Charge	
TOTAL: Statewide	14,478	0.3%	11.8%	\$23,243	
Western Pennsylvania	4,067	0.3%	11.6%	\$14,240	
ACMH	25	•	0	\$8,716	
Allegheny General	143	0	0	\$19,232	
Allegheny Valley	122	0	0	\$15,244	
Altoona Regional	115	0	0	\$15,555	
Bradford Regional	11	0	0	\$7,342	
Brookville	5	0	0	\$8,488	
Butler Memorial	89	0	0	\$15,312	
Canonsburg General	36	0	0	\$13,791	
Charles Cole Memorial	8	0	0	\$4,895	
Clarion	3	NR	NR	NR	
Clearfield	13	0	·	\$9,774	
Conemaugh Valley Memorial	237	0	·	\$11,139	
Corry Memorial	4	NR	NR	NR	
DuBois Regional	12	0	·	\$9,459	
Elk Regional	22	0	·	\$10,004	
Ellwood City	22	0	·	\$7,744	
Excela HIth Westmoreland	247	0	·	\$13,105	
Forbes Regional	160	0	·	\$13,307	
Frick	36	0	·	\$12,670	
Grove City	15	0	·	\$12,866	
Heritage Valley Beaver	114	0	·	\$8,845	
Heritage Valley Sewickley	79	0	·	\$8,331	
Highlands	11	•	·	\$8,868	
Indiana Regional	64	0	·	\$10,359	
Jameson Memorial	81	0	·	\$10,883	
Jefferson Regional	213	0	·	\$13,092	
Kane Community	3	NR	NR	NR	
Latrobe Area	79	0	·	\$10,162	

Hypotension and Fainting					
Hospital	Cases	Mortality	Readmission (for any reason)	Average Hospital Charge	
Magee Womens/UPMC	30	0	0	\$17,884	
Meadville	22	0	0	\$12,298	
Meyersdale Community	3	NR	NR	NR	
Millcreek Community	30	0	0	\$10,632	
Miners	2	NR	NR	NR	
Monongahela Valley	71	0	0	\$14,615	
Nason	11	0	0	\$6,093	
Ohio Valley General	39	0	0	\$14,767	
Punxsutawney Area	23	0	0	\$5,648	
Saint Vincent Health	73	0	0	\$23,943	
Sharon Regional	135	0	0	\$11,661	
Somerset	27	0	0	\$15,254	
Southwest Regional MC	15	0	0	\$9,985	
St Clair Memorial	130	0	0	\$10,967	
Titusville Area	13	0	0	\$6,162	
Tyrone	7	•	0	\$9,484	
Uniontown	82	0	0	\$8,053	
UPMC Bedford	8	0	0	\$7,095	
UPMC Hamot	63	0	0	\$22,399	
UPMC Horizon	52	0	0	\$10,416	
UPMC McKeesport	141	0	0	\$12,543	
UPMC Mercy	205	0	0	\$18,446	
UPMC Northwest	72	0	0	\$9,195	
UPMC Passavant	149	0	·	\$15,486	
UPMC Presby Shadyside	352	0	·	\$26,538	
UPMC St Margaret	154	0	·	\$17,895	
Warren General	18	0	0	\$14,318	
Washington	117	0	·	\$8,874	
Western Pennsylvania	18	0	·	\$22,992	
Windber	16	0	•	\$11,964	

#### 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	Readmission (for any reason)	Average Hospital Charge		
TOTAL: Statewide	23,799	0.6%	16.2%	\$23,661		
Western Pennsylvania	8,047	0.8%	16.7%	\$14,302		
ACMH	114	0	0	\$9,706		
Allegheny General	174	0	•	\$19,731		
Allegheny Valley	151	0	•	\$11,264		
Altoona Regional	222	•	<b>⊙</b>	\$14,285		
Bradford Regional	38	0	•	\$7,485		
Brookville	67	0	•	\$9,080		
Butler Memorial	151	0	•	\$15,341		
Canonsburg General	62	0	•	\$10,758		
Charles Cole Memorial	52	0	•	\$6,788		
Clarion	41	0	•	\$6,175		
Clearfield	59	0	<b>⊙</b>	\$7,837		
Conemaugh Valley Memorial	291	0	•	\$11,992		
Corry Memorial	43	0	•	\$9,878		
DuBois Regional	38	0	•	\$9,278		
Elk Regional	90	0	•	\$8,255		
Ellwood City	62	0	<b>⊙</b>	\$7,984		
Excela HIth Westmoreland	357	0	•	\$12,507		
Forbes Regional	352	0	•	\$13,292		
Frick	80	0	•	\$11,160		
Grove City	70	0	•	\$12,902		
Heritage Valley Beaver	280	0	0	\$9,752		
Heritage Valley Sewickley	142	0	0	\$9,772		
Highlands	51	0	0	\$11,488		
Indiana Regional	176	0	•	\$9,605		
Jameson Memorial	160	0	•	\$9,332		
Jefferson Regional	368	0	0	\$12,610		
Kane Community	15	0	·	\$10,196		
Latrobe Area	133	0	<b>O</b>	\$11,144		

This hospital has submitted comments specific to this condition. These comments are posted on PHC4's website at http://www.phc4.org/reports/hpr/12/comments.htm.

Kidney and Urinary Tract Infections					
Hospital	Cases	Mortality	Readmission (for any reason)	Average Hospital Charge	
Magee Womens/UPMC	133	0	·	\$22,340	
Meadville	56	0	·	\$13,721	
Meyersdale Community	7	0	<b>⊙</b>	\$8,025	
Millcreek Community	71	0	<b>⊙</b>	\$12,022	
Miners	6	0	<b>⊙</b>	\$10,585	
Monongahela Valley	137	0	<b>⊙</b>	\$11,233	
Nason	70	0	·	\$7,234	
Ohio Valley General	74	0	·	\$11,948	
Punxsutawney Area	111	0	·	\$6,987	
Saint Vincent Health	74	0	0	\$20,020	
Sharon Regional	98	0	<b>⊙</b>	\$10,912	
Somerset	65	0	·	\$12,806	
Southwest Regional MC	76	0	<b>⊙</b>	\$8,548	
St Clair Memorial	370	0	·	\$14,691	
Titusville Area	23	0	•	\$5,243	
Tyrone	38	0	•	\$9,578	
Uniontown	174	•	<b>⊙</b>	\$7,923	
UPMC Bedford	86	0	<b>⊙</b>	\$8,058	
UPMC Hamot	170	0	<b>⊙</b>	\$23,057	
UPMC Horizon	123	0	<b>⊙</b>	\$14,469	
UPMC McKeesport	178	0	•	\$16,309	
UPMC Mercy	290	0	<b>⊙</b>	\$20,421	
UPMC Northwest	180	0	·	\$10,702	
UPMC Passavant	337	0	·	\$19,307	
UPMC Presby Shadyside	597	0	•	\$31,034	
UPMC St Margaret	331	0	·	\$20,298	
Warren General	59	0	·	\$12,351	
Washington	174	0	·	\$8,439	
Western Pennsylvania	40	0	·	\$17,430	
Windber	17	0	0	\$9,552	

#### 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	Readmission (for any reason)	Average Hospital Charge
TOTAL: Statewide	22,594	3.3%	22.4%	\$31,287
Western Pennsylvania	7,949	3.6%	22.4%	\$21,468
ACMH	61	•	0	\$15,499
Allegheny General	253	0	·	\$28,902
Allegheny Valley	210	0	·	\$15,910
Altoona Regional	302	0	0	\$18,998
Bradford Regional	51	0	0	\$8,707
Brookville	16	0	0	\$9,516
Butler Memorial	266	0	0	\$20,375
Canonsburg General	49	0	0	\$16,234
Charles Cole Memorial	31	0	0	\$9,911
Clarion	32	0	0	\$10,618
Clearfield	40	0	0	\$9,657
Conemaugh Valley Memorial	472	•	•	\$15,959
Corry Memorial	7	0	NR	\$12,662
DuBois Regional	121	0	•	\$14,650
Elk Regional	43	0	·	\$11,340
Ellwood City	23	0	0	\$7,671
Excela HIth Westmoreland	166	0	•	\$18,300
Forbes Regional	206	0	•	\$17,439
Frick	64	0	·	\$16,227
Grove City	19	0	·	\$19,009
Heritage Valley Beaver	296	0	·	\$13,592
Heritage Valley Sewickley	62	0	·	\$16,250
Highlands	24	0	·	\$21,551
Indiana Regional	165	0	·	\$13,228
Jameson Memorial	137	0	•	\$12,821
Jefferson Regional	209	0	·	\$18,004
Kane Community	23	0	•	\$12,484
Latrobe Area	148	0	•	\$14,942

Kidney Failure - Acute							
Hospital	Cases	Mortality	Readmission (for any reason)	Average Hospital Charge			
Magee Womens/UPMC	73	0	0	\$29,429			
Meadville	125	0	0	\$20,068			
Meyersdale Community	9	0	0	\$9,921			
Millcreek Community	49	0	0	\$15,391			
Miners	9	0	0	\$17,896			
Monongahela Valley	173	0	0	\$16,062			
Nason	6	0	0	\$10,638			
Ohio Valley General	33	0	0	\$20,620			
Punxsutawney Area	43	0	0	\$10,119			
Saint Vincent Health	210	0	0	\$27,764			
Sharon Regional	130	0	0	\$17,148			
Somerset	93	0	0	\$16,289			
Southwest Regional MC	36	0	0	\$9,183			
St Clair Memorial	230	0	·	\$20,094			
Titusville Area	23	0	·	\$6,744			
Tyrone	6	0	NR	\$6,942			
Uniontown	142	0	0	\$9,929			
UPMC Bedford	13	0	·	\$14,627			
UPMC Hamot	308	0	·	\$33,310			
UPMC Horizon	225	0	•	\$17,872			
UPMC McKeesport	259	0	•	\$21,322			
UPMC Mercy	239	0	·	\$29,064			
UPMC Northwest	147	0	·	\$14,338			
UPMC Passavant	449	0	·	\$26,969			
UPMC Presby Shadyside	828	0	·	\$43,055			
UPMC St Margaret	243	0	·	\$26,539			
Warren General	14	0	·	\$14,989			
Washington	192	0	·	\$12,278			
Western Pennsylvania	58	0	·	\$29,596			
Windber	46	0	•	\$14,157			

#### 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**

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.

Pneumonia - Aspiration						
Hospital	Cases	Mortality	Readmission (for any reason)	Average Hospital Charge		
TOTAL: Statewide	8,152	6.8%	23.0%	\$41,274		
Western Pennsylvania	3,086	7.2%	23.6%	\$27,688		
ACMH	43	0	·	\$20,480		
Allegheny General	119	0	·	\$34,259		
Allegheny Valley	80	0	·	\$21,720		
Altoona Regional	102	•	0	\$23,699		
Bradford Regional	11	•	0	\$9,753		
Brookville	22	0	·	\$15,046		
Butler Memorial	73	0	0	\$21,219		
Canonsburg General	20	0	0	\$18,113		
Charles Cole Memorial	8	0	0	\$22,487		
Clarion	14	0	0	\$10,603		
Clearfield	19	0	·	\$16,369		
Conemaugh Valley Memorial	109	0	·	\$17,791		
Corry Memorial	3	NR	NR	NR		
DuBois Regional	20	0	·	\$16,739		
Elk Regional	14	0	·	\$15,656		
Ellwood City	13	0	·	\$12,511		
Excela Hith Westmoreland	132	0	•	\$22,011		
Forbes Regional	102	0	·	\$24,516		
Frick	59	0	·	\$20,657		
Grove City	9	0	•	\$20,333		
Heritage Valley Beaver	80	0	·	\$15,840		
Heritage Valley Sewickley	26	0	·	\$17,715		
Highlands	6	0	·	\$17,797		
Indiana Regional	148	•	·	\$14,974		
Jameson Memorial	34	0	•	\$18,150		
Jefferson Regional	68	0	•	\$24,896		
Kane Community	10	0	•	\$21,335		
Latrobe Area	85	0	•	\$17,872		

This hospital has submitted comments specific to this condition. These comments are posted on PHC4's website at http://www.phc4.org/reports/hpr/12/comments.htm.

Pneumonia - Aspiration								
Hospital	Cases	Mortality	Readmission (for any reason)	Average Hospital Charge				
Magee Womens/UPMC	16	0	·	\$40,392				
Meadville	70	0	•	\$26,233				
Meyersdale Community	3	NR	NR	NR				
Millcreek Community	1	NR	NR	NR				
Miners	4	NR	NR	NR				
Monongahela Valley	46	0	•	\$22,273				
Nason	4	NR	NR	NR				
Ohio Valley General	10	0	·	\$21,189				
Punxsutawney Area	17	0	·	\$11,030				
Saint Vincent Health	26	0	·	\$32,747				
Sharon Regional	63	0	•	\$20,408				
Somerset	20	0	·	\$25,722				
Southwest Regional MC	16	0	•	\$19,152				
St Clair Memorial	137	0	•	\$20,625				
Titusville Area	13	0	•	\$8,123				
Tyrone	6	0	•	\$22,105				
Uniontown	85		•	\$13,380				
UPMC Bedford	14	0	•	\$15,579				
UPMC Hamot	53	0	•	\$41,259				
UPMC Horizon	41	0	•	\$19,730				
UPMC McKeesport	31	0	•	\$24,939				
UPMC Mercy	72	0	•	\$33,960				
UPMC Northwest	107	0	·	\$23,910				
UPMC Passavant	141	0	•	\$33,031				
UPMC Presby Shadyside	357	0	•	\$60,301				
UPMC St Margaret	198	0	•	\$41,396				
Warren General	19	0	•	\$19,507				
Washington	42	0	·	\$16,010				
Western Pennsylvania	18	0	·	\$41,445				
Windber	7	0	<b>⊙</b>	\$13,812				

#### Pneumonia – Infectious

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

#### **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.

Pneumonia - Infectious							
Hospital	Cases	Mortality	Readmission (for any reason)	Average Hospital Charge			
TOTAL: Statewide	36,964	2.5%	16.4%	\$29,766			
Western Pennsylvania	13,340	2.7%	16.2%	\$18,981			
ACMH	198	•	0	\$14,968			
Allegheny General	229	0	•	\$25,900			
Allegheny Valley	277	0	0	\$14,705			
Altoona Regional	547	0	0	\$17,378			
Bradford Regional	148	0	0	\$10,776			
Brookville	99	0	0	\$12,814			
Butler Memorial	333	0	0	\$20,119			
Canonsburg General	126	0	0	\$14,996			
Charles Cole Memorial	96	0	0	\$14,570			
Clarion	101	0	0	\$10,122			
Clearfield	101	0	0	\$12,787			
Conemaugh Valley Memorial	495	•	·	\$14,639			
Corry Memorial	91	0	·	\$14,272			
DuBois Regional	125	0	0	\$11,865			
Elk Regional	140	0	0	\$11,051			
Ellwood City	98	0	0	\$10,862			
Excela HIth Westmoreland	624	0	•	\$19,708			
Forbes Regional	304	0	·	\$19,015			
Frick	163	0	·	\$17,114			
Grove City	100	•	0	\$21,369			
Heritage Valley Beaver	334	0	•	\$13,105			
Heritage Valley Sewickley	290	0	•	\$12,841			
Highlands	84	0	·	\$15,979			
Indiana Regional	174	0	·	\$11,298			
Jameson Memorial	442	0	•	\$14,913			
Jefferson Regional	504	•	·	\$19,232			
Kane Community	73	0	·	\$16,642			
Latrobe Area	229	0	·	\$14,213			

This hospital has submitted comments specific to this condition. These comments are posted on PHC4's website at http://www.phc4.org/reports/hpr/12/comments.htm.

Pneumonia - Infectious						
Hospital	Cases	Mortality	Readmission (for any reason)	Average Hospital Charge		
Magee Womens/UPMC	102	0	0	\$31,936		
Meadville	144	0	0	\$18,789		
Meyersdale Community	29	•	0	\$12,496		
Millcreek Community	77	0	0	\$17,001		
Miners	85	•	0	\$13,700		
Monongahela Valley	202	0	0	\$16,898		
Nason	120	0	0	\$11,132		
Ohio Valley General	166	0	0	\$21,608		
Punxsutawney Area	98	0	0	\$10,774		
Saint Vincent Health	190	0	0	\$24,930		
Sharon Regional	221	0	0	\$14,795		
Somerset	87	0	0	\$15,445		
Southwest Regional MC	200	0	0	\$12,113		
St Clair Memorial	637	0	0	\$18,302		
Titusville Area	83	0	0	\$6,513		
Tyrone	75	0	0	\$12,750		
Uniontown	353	•	0	\$10,240		
UPMC Bedford	102	0	0	\$10,214		
UPMC Hamot	415	0	0	\$26,813		
UPMC Horizon	229	0	0	\$18,552		
UPMC McKeesport	239	0	0	\$22,593		
UPMC Mercy	343	0	0	\$26,310		
UPMC Northwest	240	•	0	\$17,274		
UPMC Passavant	433	0	0	\$28,925		
UPMC Presby Shadyside	838	0	0	\$41,029		
UPMC St Margaret	397	0	0	\$27,563		
Warren General	94	0	0	\$16,992		
Washington	394	0	0	\$11,656		
Western Pennsylvania	58	•	•	\$28,399		
Windber	100	0	0	\$13,467		

#### 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.

Se	epticemia		
Hospital	Cases	Mortality	Average Hospital Charge
TOTAL: Statewide	39,832	13.7%	\$51,257
Western Pennsylvania	12,911	14.8%	\$36,859
ACMH	90	·	\$24,429
Allegheny General	571	0	\$55,654
Allegheny Valley	355	0	\$29,248
Altoona Regional	562	•	\$25,968
Bradford Regional	183	0	\$15,243
Brookville	13	0	\$15,613
Butler Memorial	308	0	\$37,115
Canonsburg General	77	•	\$21,276
Charles Cole Memorial	37	0	\$16,499
Clarion	131	0	\$13,486
Clearfield	108	0	\$16,544
Conemaugh Valley Memorial	626	0	\$22,272
Corry Memorial	22	0	\$22,047
DuBois Regional	296	0	\$18,682
Elk Regional	109	0	\$14,980
Ellwood City	49	0	\$14,841
Excela HIth Westmoreland	402	0	\$32,419
Forbes Regional	412	<b>O</b>	\$32,476
Frick	191	0	\$24,446
Grove City	22	<b>⊙</b>	\$24,520
Heritage Valley Beaver	281		\$23,181
Heritage Valley Sewickley	92	0	\$25,458
Highlands	27	0	\$25,957
Indiana Regional	290	0	\$17,954
Jameson Memorial	322	0	\$19,952
Jefferson Regional	192	0	\$32,852
Kane Community	62	0	\$21,867
Latrobe Area	366	0	\$23,639

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

This hospital has submitted comments specific to this condition. These comments are posted on PHC4's website at http://www.phc4.org/reports/hpr/12/comments.htm.

Septicemia						
Hospital	Cases	Mortality	Average Hospital Charge			
Magee Womens/UPMC	83	0	\$60,136			
Meadville	202	0	\$27,290			
Meyersdale Community	15	0	\$15,782			
Millcreek Community	62	0	\$17,664			
Miners	61	0	\$16,256			
Monongahela Valley	248	0	\$28,884			
Nason	13	0	\$14,117			
Ohio Valley General	16	•	\$36,928			
Punxsutawney Area	15	0	\$12,066			
Saint Vincent Health	449	0	\$41,744			
Sharon Regional	282	0	\$27,386			
Somerset	192	0	\$20,972			
Southwest Regional MC	64	0	\$21,614			
St Clair Memorial	237	•	\$30,502			
Titusville Area	131	0	\$9,269			
Tyrone	5	0	\$23,899			
Uniontown	288	•	\$16,900			
UPMC Bedford	121	0	\$14,582			
UPMC Hamot	727	0	\$47,601			
UPMC Horizon	182	0	\$26,891			
UPMC McKeesport	390	0	\$42,403			
UPMC Mercy	271	0	\$45,916			
UPMC Northwest	193	0	\$23,883			
UPMC Passavant	355	0	\$48,427			
UPMC Presby Shadyside	1,074	•	\$89,024			
UPMC St Margaret	222	0	\$47,359			
Warren General	170	0	\$23,935			
Washington	456	0	\$20,337			
Western Pennsylvania	75	0	\$51,161			
Windber	65	0	\$18,095			

Readmission ratings were not reported for Septicemia to avoid counting readmissions that may have been planned for cancer treatment.  $\frac{1}{2} \left( \frac{1}{2} \right) = \frac{1}{2} \left( \frac{1}{2} \right) \left($ 

#### Stroke

An ischemic stroke occurs when there is a blockage or obstruction in a blood vessel in the brain (cerebral artery) or neck (carotid artery) 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 blockage or obstruction, or patients admitted with a rupture or break in an artery (hemorrhagic stroke) unless the hemorrhage occurs after the ischemic stroke but during the hospitalization.

#### **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.

Stroke							
Hospital	Cases	Mortality	Readmission (for any reason)	Average Hospital Charge			
TOTAL: Statewide	21,002	4.0%	13.8%	\$40,240			
Western Pennsylvania	6,868	4.6%	13.8%	\$31,476			
ACMH	68	•	·	\$14,871			
Allegheny General	561	0	·	\$43,222			
Allegheny Valley	107	0	·	\$21,944			
Altoona Regional	292	0	·	\$20,880			
Bradford Regional	16	0	·	\$11,295			
Brookville	10	0	0	\$7,757			
Butler Memorial	171	0	0	\$25,738			
Canonsburg General	41	0	0	\$18,183			
Charles Cole Memorial	17	0	0	\$13,681			
Clarion	22	0	0	\$9,851			
Clearfield	29	0	0	\$12,870			
Conemaugh Valley Memorial	320	0	0	\$18,148			
Corry Memorial	10	0	0	\$11,900			
DuBois Regional	94	0	0	\$16,275			
Elk Regional	22	0	0	\$17,384			
Ellwood City	23	•	0	\$11,914			
Excela HIth Westmoreland	184	0	0	\$20,617			
Forbes Regional	266	0	•	\$20,389			
Frick	53	0	0	\$18,815			
Grove City	14	0	0	\$18,653			
Heritage Valley Beaver	155	•	·	\$15,520			
Heritage Valley Sewickley	104	0	·	\$18,500			
Highlands	8	0	·	\$11,710			
Indiana Regional	102	0	·	\$14,738			
Jameson Memorial	106	0	0	\$14,875			
Jefferson Regional	204	0	·	\$21,515			
Kane Community	14	0	·	\$13,767			
Latrobe Area	91	0	·	\$18,073			

Stroke							
Hospital	Cases	Mortality	Readmission (for any reason)	Average Hospital Charge			
Magee Womens/UPMC	19	0	0	\$34,304			
Meadville	82	0	0	\$21,605			
Meyersdale Community	2	NR	NR	NR			
Millcreek Community	12	0	0	\$18,441			
Miners	5	0	NR	\$19,821			
Monongahela Valley	104	0	0	\$22,217			
Nason	27	0	0	\$9,016			
Ohio Valley General	33	0	0	\$23,271			
Punxsutawney Area	23	0	0	\$9,334			
Saint Vincent Health	299	0	0	\$37,653			
Sharon Regional	90	0	0	\$21,522			
Somerset	55	0	•	\$19,990			
Southwest Regional MC	17	0	0	\$17,165			
St Clair Memorial	220	0	0	\$20,819			
Titusville Area	18	0	•	\$10,216			
Tyrone	5	0	NR	\$12,610			
Uniontown	72	•	0	\$14,380			
UPMC Bedford	10	0	·	\$12,575			
UPMC Hamot	370	0	0	\$36,440			
UPMC Horizon	86	0	·	\$19,119			
UPMC McKeesport	93	0	0	\$23,473			
UPMC Mercy	371	0	0	\$38,413			
UPMC Northwest	81	0	0	\$17,115			
UPMC Passavant	186	0	<b>O</b>	\$29,056			
UPMC Presby Shadyside	1,017	0	·	\$64,837			
UPMC St Margaret	193	0	<b>O</b>	\$29,552			
Warren General	37	0	0	\$17,408			
Washington	179	0	·	\$16,204			
Western Pennsylvania	32	0	<b>O</b>	\$30,782			
Windber	12	0	0	\$12,713			

Medicare fee-for-service (FFS), Medicaid FFS, and Medicaid managed care organization (MCO) payments for the 16 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. 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 2011.

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 claim-payment amounts obtained from the Pennsylvania Department of Public Welfare. 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 16 medical conditions/ surgical procedures included in this report – broken down by the MS-DRGs included within each condition/ procedure. While the 16 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.

For the 16 medical conditions/surgical procedures included in this Hospital Performance Report

			dicare r-Service		dicaid r-Service		licaid Jed Care
MS- DRG	MS-DRG Descriptions by Medical Condition/Surgical Procedure	Cases	Average Payment	Cases	Average Payment	Cases	Average Payment
Abno	rmal Heartbeat	18,792	\$7,263	653	\$7,710	948	\$7,159
242	Permanent Cardiac Pacemaker Implant w/ MCC	729	\$21,507	12	\$19,928	12	\$20,412
243	Permanent Cardiac Pacemaker Implant w/ CC	1,452	\$15,588	23	\$18,214	18	\$17,603
244	Permanent Cardiac Pacemaker Implant w/o CC/MCC	1,452	\$11,710	23	\$13,512	33	\$15,643
246	Percutaneous Cardiovascular Procedure with Drug- Eluting Stent w/ MCC or 4+ Vessels/Stents	28	\$18,465	0	NR	0	NR
247	Percutaneous Cardiovascular Procedure with Drug- Eluting Stent w/o MCC	46	\$12,393	2	NR	1	NR
248	Percutaneous Cardiovascular Procedure with Non Drug-Eluting Stent w/ MCC or 4+ Vessels/Stents	14	\$16,978	0	NR	0	NR
249	Percutaneous Cardiovascular Procedure with Non Drug-Eluting Stent w/o MCC	17	\$12,937	6	NR	0	NR
250	Percutaneous Cardiovascular Procedure without Coronary Artery Stent w/ MCC	189	\$21,344	11	\$18,260	11	\$15,505
251	Percutaneous Cardiovascular Procedure without Coronary Artery Stent w/o MCC	1,084	\$12,495	46	\$11,228	94	\$10,607
258	Cardiac Pacemaker Device Replacement w/ MCC	5	NR	0	NR	0	NR
259	Cardiac Pacemaker Device Replacement w/o MCC	13	\$10,352	3	NR	2	NR
260	Cardiac Pacemaker Revision Except Device Replacement w/ MCC	5	NR	0	NR	0	NR
261	Cardiac Pacemaker Revision Except Device Replacement w/ CC	9	NR	0	NR	1	NR
262	Cardiac Pacemaker Revision Except Device Replacement w/o CC/MCC	5	NR	0	NR	0	NR
286	Circulatory Disorders Except Acute Myocardial Infarction, with Cardiac Catheterization w/ MCC	181	\$12,490	19	\$12,404	10	NR
287	Circulatory Disorders Except Acute Myocardial Infarction, with Cardiac Catheterization w/o MCC	426	\$6,032	38	\$8,994	34	\$5,937
308	Cardiac Arrhythmia and Conduction Disorders w/ MCC	3,098	\$7,037	93	\$9,782	123	\$6,759
309	Cardiac Arrhythmia and Conduction Disorders w/ CC	4,809	\$4,426	161	\$5,730	293	\$6,200
310	Cardiac Arrhythmia and Conduction Disorders w/o CC/MCC	5,230	\$2,615	216	\$3,805	316	\$4,862
Chest	Pain	4,139	\$2,774	247	\$3,599	1,463	\$3,799
313	Chest Pain	4,139	\$2,774	247	\$3,599	1,463	\$3,799

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.

For the 16 medical conditions/surgical procedures included in this Hospital Performance Report

		_	dicare or-Service		dicaid or-Service		dicaid ged Care
MS- DRG	MS-DRG Descriptions by Medical Condition/Surgical Procedure	Cases	Average Payment	Cases	Average Payment	Cases	Average Payment
Chron	ic Obstructive Pulmonary Disease (COPD)	14,848	\$5,183	1,031	\$5,864	2,180	\$6,447
190	Chronic Obstructive Pulmonary Disease w/ MCC	5,105	\$6,489	302	\$7,617	459	\$6,782
191	Chronic Obstructive Pulmonary Disease w/ CC	5,378	\$5,206	324	\$5,888	846	\$6,565
192	Chronic Obstructive Pulmonary Disease w/o CC/MCC	4,365	\$3,626	405	\$4,538	875	\$6,156
Color	ectal Procedures	3,908	\$18,806	424	\$18,099	445	\$16,782
329	Major Small and Large Bowel Procedures w/ MCC	1,129	\$31,560	130	\$27,911	94	\$21,521
330	Major Small and Large Bowel Procedures w/ CC	1,665	\$15,146	190	\$15,408	191	\$17,888
331	Major Small and Large Bowel Procedures w/o CC/ MCC	744	\$9,527	75	\$9,212	120	\$11,948
332	Rectal Resection w/ MCC	55	\$28,457	6	NR	4	NR
333	Rectal Resection w/ CC	193	\$14,742	15	\$11,492	25	\$15,544
334	Rectal Resection w/o CC/MCC	122	\$9,395	8	NR	11	\$12,902
Conge	estive Heart Failure (CHF)	22,998	\$6,274	779	\$9,164	1,575	\$8,011
286	Circulatory Disorders Except Acute Myocardial Infarction, with Cardiac Catheterization w/ MCC	330	\$14,727	28	\$23,909	29	\$8,964
287	Circulatory Disorders Except Acute Myocardial Infarction, with Cardiac Catheterization w/o MCC	844	\$7,024	124	\$10,725	132	\$8,791
291	Heart Failure and Shock w/ MCC	6,847	\$8,462	142	\$12,699	307	\$8,107
292	Heart Failure and Shock w/ CC	10,448	\$5,702	360	\$7,390	833	\$8,127
293	Heart Failure and Shock w/o CC/MCC	4,529	\$3,531	125	\$5,407	274	\$7,074
Diabe	tes - Medical Management	4,918	\$5,166	1,320	\$6,207	2,340	\$5,348
073	Cranial and Peripheral Nerve Disorders w/ MCC	202	\$7,848	15	\$8,671	38	\$6,321
074	Cranial and Peripheral Nerve Disorders w/o MCC	629	\$4,863	99	\$6,771	327	\$5,675
299	Peripheral Vascular Disorders w/ MCC	44	\$8,425	3	NR	3	NR
300	Peripheral Vascular Disorders w/ CC	105	\$5,449	13	\$8,213	10	NR
301	Peripheral Vascular Disorders w/o CC/MCC	5	NR	0	NR	4	NR
637	Diabetes w/ MCC	825	\$8,445	162	\$11,583	202	\$6,257
638	Diabetes w/ CC	2,153	\$4,525	591	\$5,920	997	\$5,350
639	Diabetes w/o CC/MCC	827	\$2,751	414	\$4,035	709	\$4,799
698	Other Kidney and Urinary Tract Diagnoses w/ MCC	25	\$8,813	6	NR	7	NR
699	Other Kidney and Urinary Tract Diagnoses w/ CC	94	\$5,957	12	\$7,039	31	\$6,815
700	Other Kidney and Urinary Tract Diagnoses w/o CC/ MCC	9	NR	5	NR	12	\$4,772

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.

For the 16 medical conditions/surgical procedures included in this Hospital Performance Report

			dicare r-Service		dicaid or-Service	_	dicaid ged Care
MS- DRG	MS-DRG Descriptions by Medical Condition/Surgical Procedure	Cases	Average Payment	Cases	Average Payment	Cases	Average Payment
Gallbl	adder Removal - Laparoscopic	2,323	\$9,776	786	\$6,933	1,002	\$7,655
411	Cholecystectomy with Common Duct Exploration (C.D.E.) w/ MCC	2	NR	1	NR	0	NR
412	Cholecystectomy with C.D.E. w/ CC	3	NR	2	NR	1	NR
413	Cholecystectomy with C.D.E. w/o CC/MCC	2	NR	2	NR	1	NR
417	Laparoscopic Cholecystectomy without C.D.E. w/ MCC	547	\$15,360	104	\$11,379	97	\$9,788
418	Laparoscopic Cholecystectomy without C.D.E. w/ CC	926	\$9,558	217	\$7,511	300	\$8,571
419	Laparoscopic Cholecystectomy without C.D.E. w/o CC/MCC	843	\$6,345	460	\$5,677	603	\$6,855
Gallbl	adder Removal - Open	614	\$14,356	117	\$11,883	108	\$9,711
411	Cholecystectomy with C.D.E. w/ MCC	15	\$25,974	1	NR	2	NR
412	Cholecystectomy with C.D.E. w/ CC	29	\$13,742	2	NR	3	NR
413	Cholecystectomy with C.D.E. w/o CC/MCC	11	\$9,226	2	NR	2	NR
414	Cholecystectomy Except by Laparoscope without C.D.E. w/ MCC	181	\$22,191	19	\$24,401	11	\$11,909
415	Cholecystectomy Except by Laparoscope without C.D.E. w/ CC	240	\$11,794	34	\$12,589	47	\$10,118
416	Cholecystectomy Except by Laparoscope without C.D.E. w/o CC/MCC	138	\$7,811	59	\$7,699	43	\$8,103
Heart	Attack - Medical Management	5,600	\$8,110	274	\$11,071	222	\$11,719
280	Acute Myocardial Infarction, Discharged Alive w/ MCC	2,543	\$10,467	89	\$17,209	65	\$13,556
281	Acute Myocardial Infarction, Discharged Alive w/ CC	1,623	\$6,471	98	\$8,837	91	\$11,889
282	Acute Myocardial Infarction, Discharged Alive w/o CC/MCC	896	\$4,099	75	\$5,771	60	\$9,435
283	Acute Myocardial Infarction, Expired w/ MCC	402	\$10,147	6	NR	6	NR
284	Acute Myocardial Infarction, Expired w/ CC	95	\$4,506	5	NR	0	NR
285	Acute Myocardial Infarction, Expired w/o CC/MCC	41	\$2,866	1	NR	0	NR
Нуро	tension and Fainting	7,178	\$3,673	250	\$4,489	551	\$4,432
312	Syncope and Collapse	7,178	\$3,673	250	\$4,489	551	\$4,432
Kidne	y and Urinary Tract Infections	11,993	\$4,777	690	\$5,991	1,204	\$5,705
689	Kidney and Urinary Tract Infections w/ MCC	3,235	\$6,563	118	\$10,223	191	\$7,246
690	Kidney and Urinary Tract Infections w/o MCC	8,758	\$4,118	572	\$5,118	1,013	\$5,414

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.

For the 16 medical conditions/surgical procedures included in this Hospital Performance Report

	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
Kidney Failure - Acute		11,270	\$6,689	623	\$10,316	1,004	\$7,680
682	Renal Failure w/ MCC	3,589	\$9,484	196	\$15,605	239	\$8,616
683	Renal Failure w/ CC	6,567	\$5,723	353	\$8,041	612	\$7,523
684	Renal Failure w/o CC/MCC	1,114	\$3,375	74	\$7,160	153	\$6,846
Pneun	nonia - Aspiration	5,053	\$9,414	183	\$15,380	267	\$10,298
177	Respiratory Infections and Inflammations w/ MCC	2,325	\$11,486	83	\$21,482	93	\$10,482
178	Respiratory Infections and Inflammations w/ CC	2,152	\$8,292	87	\$10,768	137	\$10,509
179	Respiratory Infections and Inflammations w/o CC/ MCC	576	\$5,240	13	\$7,285	37	\$9,051
Pneun	nonia - Infectious	17,950	\$6,117	1,180	\$6,687	1,998	\$7,289
177	Respiratory Infections and Inflammations w/ MCC	485	\$11,649	37	\$17,310	40	\$13,440
178	Respiratory Infections and Inflammations w/ CC	450	\$8,624	27	\$10,838	29	\$10,870
179	Respiratory Infections and Inflammations w/o CC/ MCC	74	\$5,466	10	NR	4	NR
193	Simple Pneumonia and Pleurisy w/ MCC	5,378	\$8,198	232	\$9,525	354	\$8,270
194	Simple Pneumonia and Pleurisy w/ CC	8,126	\$5,399	572	\$5,861	1,100	\$7,186
195	Simple Pneumonia and Pleurisy w/o CC/MCC	3,437	\$3,462	302	\$4,372	471	\$6,053
Septio	epticemia		\$11,235	1,448	\$16,695	1,295	\$10,851
870	Septicemia or Severe Sepsis with Mechanical Ventilation 96+ Hours	957	\$37,207	195	\$29,020	116	\$22,233
871	Septicemia or Severe Sepsis without Mechanical Ventilation 96+ Hours w/ MCC	11,318	\$11,156	840	\$17,578	767	\$10,212
872	Septicemia or Severe Sepsis without Mechanical Ventilation 96+ Hours w/o MCC	4,755	\$6,197	413	\$9,081	412	\$8,835
Stroke	2	8,951	\$7,089	738	\$9,849	616	\$10,354
061	Acute Ischemic Stroke with Use of Thrombolytic Agent w/ MCC	138	\$18,868	12	\$25,165	4	NR
062	Acute Ischemic Stroke with Use of Thrombolytic Agent w/ CC	198	\$11,471	19	\$10,513	11	\$14,828
063	Acute Ischemic Stroke with Use of Thrombolytic Agent w/o CC/MCC	63	\$8,881	6	NR	9	NR
064	Intracranial Hemorrhage or Cerebral Infarction w/ MCC	1,962	\$11,127	126	\$18,855	95	\$12,034
065	Intracranial Hemorrhage or Cerebral Infarction w/ CC	4,165	\$6,267	341	\$8,323	292	\$9,948
066	Intracranial Hemorrhage or Cerebral Infarction w/o CC/MCC	2,425	\$4,160	234	\$6,477	205	\$9,760

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.



### **Pennsylvania Health Care Cost Containment Council**

Joe Martin, Executive Director
225 Market Street, Suite 400, Harrisburg, PA 17101
Phone: 717-232-6787 • Fax: 717-232-3821
www.phc4.org



Hospitals may have commented on this report.

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