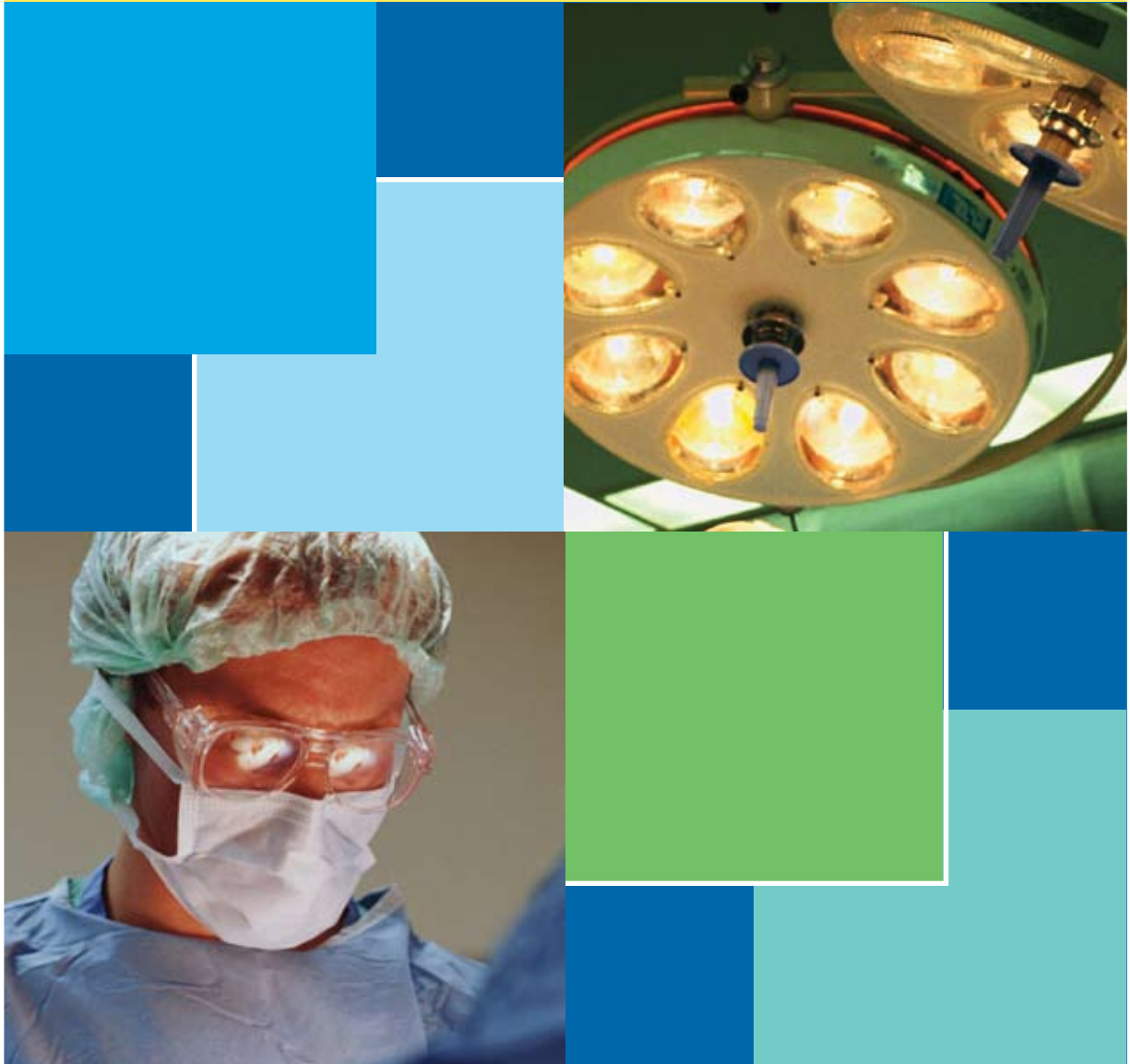


CARDIAC SURGERY IN PENNSYLVANIA 2006-2007

Information about Hospitals and Cardiothoracic Surgeons



PENNSYLVANIA HEALTH CARE COST CONTAINMENT COUNCIL
August 2009



About PHC4

The Pennsylvania Health Care Cost Containment Council (PHC4) was established in 1986 as an independent state agency by the General Assembly and the Governor of the Commonwealth of Pennsylvania. To help improve the quality and restrain the cost of health care, PHC4 promotes health care competition through the collection, analysis and public dissemination of uniform cost and quality-related information.

Table of Contents

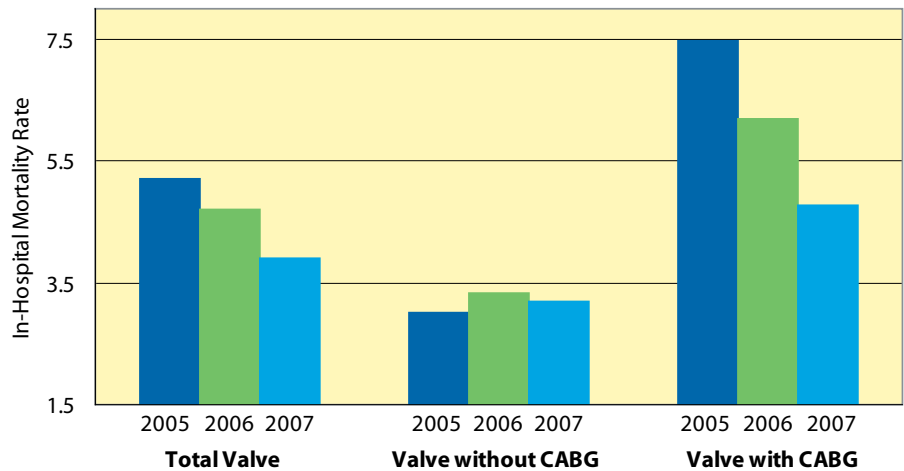
Key Findings	1
Understanding this Report	5
Hospital Data	10
Surgeon Data	26



Key Findings

Mortality – Valve Surgery

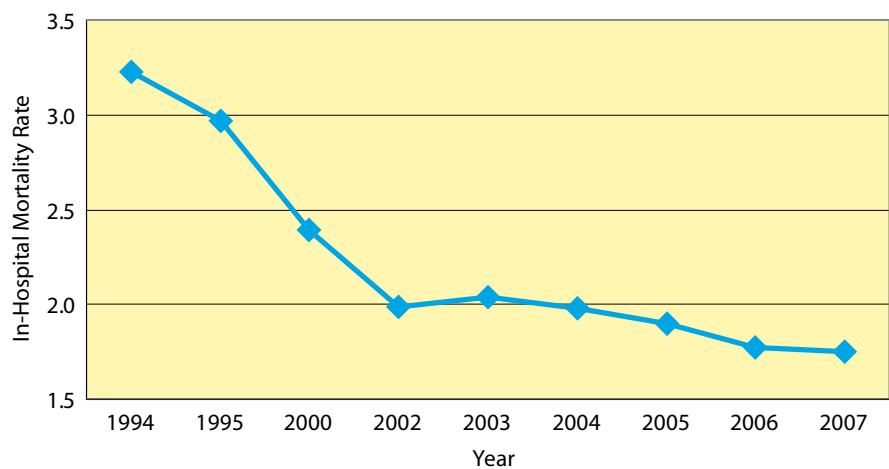
- From 2005 (the first year that valve surgeries were reported) to 2007, in-hospital mortality for the total valve reporting group (i.e., valve procedures with or without a CABG procedure) dropped 23.9 percent, from 5.15 percent in 2005 to 3.92 percent in 2007.
- Valve without CABG in-hospital mortality rates increased from 3.02 percent in 2005 to 3.33 percent in 2006 and then decreased to 3.19 percent in 2007.
- Valve with CABG in-hospital mortality rates had the largest decrease, 36.1 percent, from 7.47 percent in 2005 to 4.77 percent in 2007.



Note: This table includes data for each year that PHC4 published analysis for valve procedures.

Mortality – CABG Surgery

- For patients undergoing coronary artery bypass graft (CABG) procedures (without a valve procedure), in-hospital mortality rates declined slightly from 1.77 percent in 2006 to 1.75 percent in 2007. CABG mortality rates have dropped 45.8 percent since 1994.

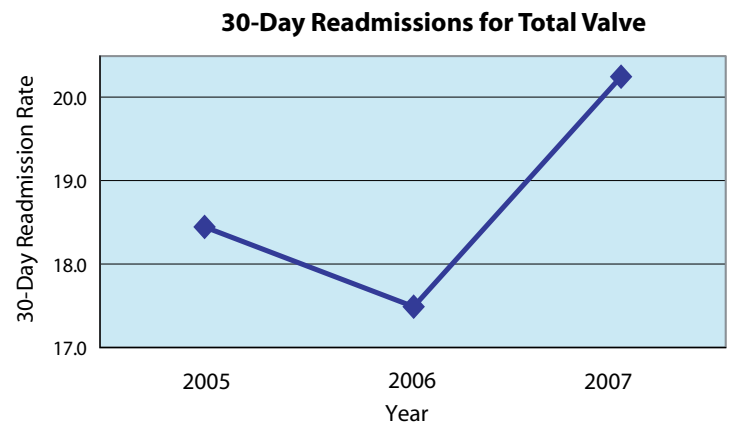
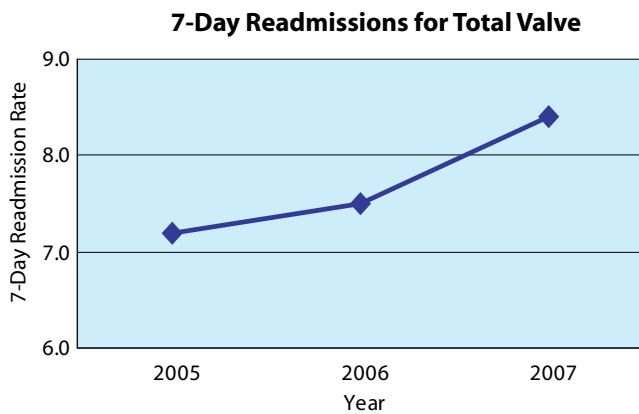


Note: This table includes data, beginning with 1994, for each year that PHC4 published analysis for CABG procedures.

Key Findings

Readmissions – Valve Surgery

- For the total valve reporting group (i.e., valve procedures with or without a CABG procedure), 7-day readmissions increased between 2005 and 2007, from 7.17 percent in 2005 to 7.49 percent in 2006 to 8.38 percent in 2007.
- Thirty-day readmissions for the total valve reporting group (i.e., valve procedures with or without a CABG procedure) decreased between 2005 and 2006 (18.44 percent to 17.50 percent) and then increased in 2007 to 20.26 percent.



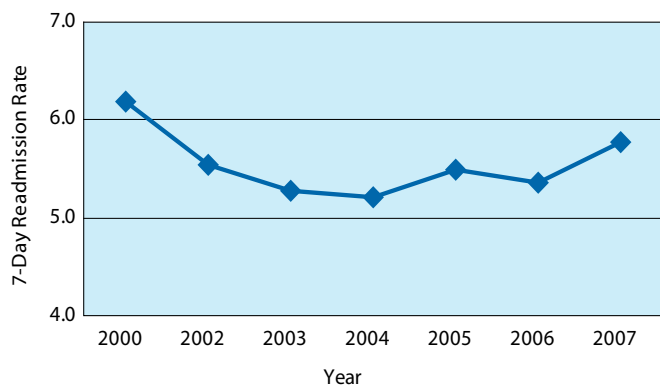
Note: The tables above include data for each year that PHC4 published readmission rates for valve procedures.

Readmissions – CABG Surgery

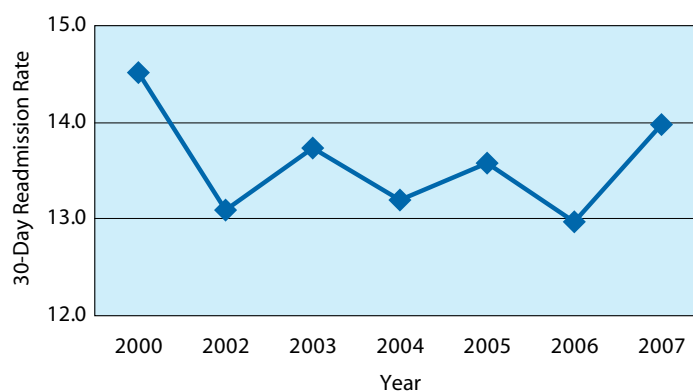
- For patients undergoing CABG procedures (without a valve procedure), rates for readmissions within 7 days of discharge increased between 2006 and 2007, from 5.36 percent to 5.77 percent. Overall, between 2000 (when readmissions were first reported) and 2007, 7-day readmission rates decreased 6.6 percent, from 6.18 percent to 5.77 percent.
- Between 2006 and 2007, readmission rates within 30 days of discharge for CABG procedures (without a valve procedure) increased from 12.97 percent to 13.98 percent. While 30-day readmission rates fluctuated for the years reported between 2000 and 2007, there was an overall decrease of 3.7 percent, from 14.52 percent to 13.98 percent.

Key Findings

7-Day Readmissions for CABG without Valve



30-Day Readmissions for CABG without Valve



Note: The tables above include data for each year that PHC4 published readmission rates for CABG procedures.

Reasons for Readmissions

- For patients undergoing CABG procedures (without a valve procedure) from 2000 through 2007, the top reason for readmissions within 7 days has fluctuated between infections and heart failure.
- Infection has consistently been the top reason that patients have been readmitted within 30 days of CABG (without a valve procedure) from 2000 through 2007.
- For patients undergoing valve procedures (with or without CABG) from 2005 through 2007, heart failure has been the top reason that patients have been readmitted within 7 days and 30 days, followed by either infection or abnormal heartbeat (cardiac dysrhythmias).

Volume for Open Heart Surgery

- Between 2006 and 2007, the average number of open heart procedures performed by cardiothoracic surgeons declined from 114 cases per surgeon to 108 cases per surgeon—down from 149 in 2000. The average number of open heart procedures per hospital declined from 330 cases per hospital to 315 cases per hospital between 2006 and 2007—down from 499 in 2000.

Key Findings continued on page 4 >

Key Findings

Hospital-Acquired Infections

From 2006 to 2007, there was a 5.4 percent drop in the percent of patients who contracted infections while in the hospital for CABG and/or valve surgery. For 2007, hospitals reported that of the 15,655 patients who underwent these cardiac procedures, 933 (5.96 percent) contracted an infection¹ during their stay, a decrease from the 1,048 (6.30 percent) of hospital-acquired infections reported by hospitals for patients undergoing these procedures in 2006.

Consistent with the findings in 2006, in 2007 patients who underwent both CABG surgery and a valve procedure during the same hospitalization were the most likely to contract a hospital-acquired infection (10.14 percent), and patients who underwent CABG with no valve procedures were the least likely to contract a hospital-acquired infection (4.66 percent).

The following table displays the differences in outcomes for patients who did and those who did not contract an infection during their hospital stay. The degree to which the presence of hospital-acquired infections influenced these differences is not known.

Patients...	In-Hospital Mortality Rate	Average Post-Surgical Length of Stay		Average Hospital Charge ⁴	
		Mean ²	Median ³	Mean ²	Median ³
<i>With a Hospital-Acquired Infection</i>	11.4%	21.5 days	16.0 days	\$366,342	\$256,744
<i>Without a Hospital-Acquired Infection</i>	1.9%	7.0 days	6.0 days	\$136,924	\$101,967

- 1 In 2006 and 2007, hospitals submitted data on the following hospital-acquired infections: urinary tract, pneumonia, bloodstream, surgical site, gastrointestinal, bone and joint, central nervous system, cardiovascular system, lower respiratory system (other than pneumonia), reproductive system, and skin and soft tissue infections.
- 2 This is an arithmetic mean, which is used to demonstrate the difference between actual averages for patients with and without hospital-acquired infections.
- 3 The median demonstrates the difference between the actual mid-ranges for patients with and without hospital-acquired infections.
- 4 In almost all cases, hospitals do not receive full charges from private insurance carriers or government payors; on an average basis, across all inpatient hospital cases statewide, hospitals are reimbursed or paid for approximately 27 percent of established charges.



Understanding this Report

What is coronary artery bypass graft surgery and what is heart valve surgery?

Coronary artery bypass graft (CABG) surgery is a surgical procedure used to treat patients with blockages in the coronary arteries. During the procedure, a surgeon creates an alternate path for blood to flow to the heart muscle by going around, or bypassing, a blocked section of an artery. CABG is typically recommended for severe blockages that are not treatable by other methods. After the procedure is completed, most patients stay in the hospital for several days and face a prolonged rehabilitation period.

Valve surgery is a surgical procedure used to replace or repair one or more of a patient's heart valves. Valve surgery is used to treat patients with congenital (present at birth) heart disease, degenerative (age-related "wear and tear") disease and conditions such as rheumatic heart disease. In valve replacement surgery, the

diseased valve is removed and replaced with an artificial (mechanical) valve or a biological valve harvested from animal or human tissue. In valve repair surgery, the technique is dependent on the underlying cause of the disease.

Why is it important to look at CABG and valve surgeries?

CABG and valve surgeries are frequently performed and costly surgeries. This report includes information on approximately 32,000 CABG and/or valve surgeries performed in Pennsylvania general acute care hospitals in 2006 and 2007.

Although most CABG/valve patients have an excellent prognosis for survival, results following surgery may vary among hospitals and surgeons. There is evidence that information contained in reports such as this encourages hospitals and surgeons to examine their processes and make changes that can improve quality of care and ultimately save lives.

What is measured in this report and why are these measures important?

Outcome measures for this report were chosen because they are important components in examining quality of care. Further, they can be reliably measured and compared across hospitals. This report includes information on the number of surgeries performed, in-hospital and 30-day mortality rates, readmission rates within 7 and 30 days, and data on post-surgical lengths of stay for both hospitals and surgeons, as well as hospital average charges for hospitals only. Unlike last year's report, Medicare average payments for hospitals are not included because the data for 2007 was not available from the Centers for Medicare and Medicaid Services. The reporting groups are divided as follows:

- **CABG without Valve** comprises patients who had at least one CABG procedure without any valve procedures during the same admission.

- **Valve without CABG** comprises patients who had at least one valve procedure without any CABG procedures during the same admission.
- **Valve with CABG** comprises patients who had at least one valve procedure and at least one CABG procedure during the same admission.
- **Total Valve** comprises patients who had at least one valve procedure with or without a CABG procedure during the same admission.

Number of cases is reported for all hospitals and surgeons. Information on CABG/valve results is reported for the hospitals and surgeons who performed 30 or more procedures on adults in at least one of the four reporting groups in 2006 and 2007. Surgeon outcomes are based on two years of combined data, 2006 and 2007. The resulting increase in volume of cases per surgeon results in a more robust analysis. Hospital outcomes are reported for the combined 2006 and 2007 data and for 2007 data only. Average hospital charge is reported

for hospitals that had at least 13 cases in a particular reporting group.

Number of cases – This is the number of surgeries analyzed in this report. The cases are divided into four reporting groups: CABG without valve, valve without CABG, valve with CABG and total valve. It is important to note, however, that some CABG/valve patients were not counted in this analysis (for example, those that underwent other complex procedures during the same hospital admission as the CABG/valve surgery and procedures done in Veterans' hospitals and in other states), so the actual number of cases that a hospital or surgeon treated might be higher.

In-hospital mortality – This measure represents the number of patients who died during the hospital stay in which the CABG/valve surgery was performed.

30-day mortality – This measure represents the number of patients who either 1) died during the hospitalization in which the CABG/valve surgery was performed,

even if it was after 30 days, or 2) died after discharge, but within 30 days of the procedure. The data used for this analysis does not clearly characterize whether a patient's death within 30 days was related to the CABG/valve surgery, so there may be deaths included in the analysis that were unrelated to the surgery. Deaths clearly caused by unusual circumstances, such as those related to motor vehicle accidents or suicides, were excluded.

7-day and 30-day hospital re-admissions – These measures examine how often patients were readmitted to a Pennsylvania general acute care hospital within 7 days or 30 days of being discharged from the hospital where the CABG/valve surgery was performed. A readmission was counted only if the patient was readmitted with a principal diagnosis that indicated a heart-related condition, or an infection or a complication that was likely related to the CABG/valve surgery hospitalization. Readmissions for other reasons were not included

in the analysis. Readmission rates are important from both a quality of care and cost standpoint.

Information on both 7-day and 30-day readmissions is reported because the reasons for readmission may vary across these time periods. Seven-day readmissions account for those readmissions that are closer in time to the initial hospitalization and may be more directly related to the CABG/valve surgery hospitalization. At the same time, some complications may occur after the first 7 days; therefore, including 30-day readmission rates provides a more complete picture.

Post-surgical length of stay – This measure represents how long a patient stayed in the hospital after undergoing CABG/valve surgery and is reported in average days. The average reported is the geometric mean. (Geometric means are the result of the natural log transformation that was done to adjust for skewness in the distribution. See the Technical Notes for a more detailed explanation of geometric means.) While com-

plications following surgery were not examined for this report, other analysis has shown that complications following CABG/valve surgery add to the length of time a patient stays in the hospital.

Hospital average charge – The amount a hospital bills for a patient's care is known as the charge. The charge includes the facility fee but 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. Where hospital charges are concerned, in almost all cases, hospitals do not receive full charges from private insurance carriers or government payors. In fact, on an average basis, across all inpatient hospital cases statewide, hospitals are reimbursed or paid for approximately 27 percent of established charges.¹ Hospital charges often vary by individual hospital and by regions of the state. The average charge reported is for the entire length of stay. A hospital's cost for the stay is an amount that is

different from the charge and the payment.

Uses of the report

This report can be used as a tool to examine hospital and surgeon performance for CABG/valve surgery. It is not intended to be a sole source of information in making decisions about CABG/valve surgery, nor should it be used to generalize about the overall quality of care provided by a hospital or a surgeon. Readers of this report should use it in discussions with their physicians who can answer specific questions and concerns about CABG/valve surgery.

- Patients/consumers can use this report to aid in making decisions about where and with whom to seek treatment involving CABG/valve surgery. This report should be used in conjunction with a physician or other health care provider when making decisions about CABG/valve surgery.
- Group benefits purchasers/insurers can use this report as part of a process in deter-

¹ The statewide/regional revenue-to-charge ratios are derived from the annual net inpatient revenue and inpatient charges provided by each hospital as part of their annual financial filings to PHC4.

mining which hospitals and surgeons provide quality care for employees, subscribers, members, or participants who need CABG/valve surgery.

- 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 raise public awareness of important issues and to help constituents identify health care options.
- Everyone can use this information to raise important questions about why differences exist in the quality and efficiency of care.

Where does the data come from?

Most of the data used for this report was submitted to PHC4 by general acute care hospitals that perform CABG/valve surgery. It encompasses inpatient hospital discharges from January 1, 2006

to December 31, 2007 in which the patient underwent CABG/valve surgery. The data submitted to PHC4 by the hospitals was subject to verification for accuracy by the hospitals, surgeons and PHC4. The ultimate responsibility for data accuracy and completeness lies with each individual hospital. The Pennsylvania Department of Health provided data used to analyze the 30-day mortality measure.

Accounting for high-risk patients

Some patients who undergo CABG/valve surgery are more seriously ill than others. Hospitals provided data on “how sick the patient was on admission.” This information is used to make sure that differences in the illness level of patients are accounted for when reporting information on CABG/valve surgery.

In order to report fair comparisons among hospitals and surgeons, PHC4 developed a complex mathematical formula to “risk-adjust” the data, mean-

ing that hospitals and surgeons receive “extra credit” for operating on patients that are more seriously ill or at a greater risk than others. Risk-adjusting the data is important because sicker patients might be more likely to die following CABG/valve surgery, stay in the hospital longer, or be readmitted. A comprehensive description of how these adjustments are made can be found in the Technical Notes document that accompanies this report. It can be found on PHC4’s Web site at www.phc4.org.

What do the symbols mean?

The symbols in this report represent the results of how well hospitals and surgeons performed surgery and cared for the patient. A statistical test is done to determine whether differences in the results are simply due to chance or random variation. A difference is called “statistically significant” when there is 95 percent confidence that the difference is not likely to result from chance or

random variation. Using in-hospital mortality as an example:

- lower than expected (meaning that the hospital or surgeon had fewer deaths than expected after accounting for how sick the patients were)
- same as expected (meaning that the hospital or surgeon had as many deaths as expected after accounting for how sick the patients were)
- higher than expected (meaning that the hospital or surgeon had more deaths than expected after accounting for how sick the patients were)

Acknowledgements

PHC4 wishes to acknowledge and thank the Pennsylvania hospitals and surgeons who participated in the data submission and verification processes used for this report.

PHC4 thanks the Bureau of Health Statistics and Research, Pennsylvania Department of Health, Harrisburg, Pennsylvania,

for providing information used in the 30-day mortality measure.

The Pennsylvania Department of Health specifically disclaims responsibility for any analyses, interpretations or conclusions.

TABLE NOTES

For Hospital and Surgeon Data - 30-day mortality includes in-hospital mortality. The mortality, readmission, and length of stay figures account for varying illness levels among patients. Length of stay is the average number of days spent in the hospital following CABG/valve surgery.

For Hospital Data Only - Average charge is for the entire length of stay. Average charge was trimmed and case-mix adjusted. Note that in almost all cases, hospitals do not receive full charges from private insurance carriers or government payors; on an average basis, across all inpatient hospital cases statewide, hospitals are reimbursed or paid for approximately 27 percent of established charges.

















































































































For Surgeon Data Only - The actual number of CABG/valve surgeries performed may be under-reported (e.g., cases excluded for clinical complexity and procedures done in Veterans' hospitals and in other states are not included in this analysis). Total figures on all open heart surgeries (including CABG/valve) performed in Pennsylvania hospitals are available on PHC4's Web site.


More Data on PHC4's Web Site


Additional information is posted on the PHC4 Web site at www.phc4.org


- Numbers associated with the outcome figures and symbols
- Technical Notes


HOSPITAL DATA 2006-2007

	Hospital Data 2006-2007 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day		
Abington Memorial 									
CABG without Valve	119	125	244					6.7	\$203,605
Valve without CABG	141	91	232					8.9	\$218,690
Valve with CABG	39	22	61					9.9	\$257,347
Total Valve	180	113	293					9.5	\$230,556
Albert Einstein									
CABG without Valve	95	77	172					6.3	\$218,042
Valve without CABG	20	11	31			NR	NR	NR	\$269,641
Valve with CABG	9	11	20	NR	NR	NR	NR	NR	\$326,617
Total Valve	29	22	51					8.8	\$290,961
Allegheny General 									
CABG without Valve	282	210	492					7.2	\$93,813
Valve without CABG	110	126	236					8.4	\$110,672
Valve with CABG	51	65	116					10.0	\$135,018
Total Valve	161	191	352					9.1	\$123,022
Altoona Regional									
CABG without Valve	166	143	309					5.6	\$65,967
Valve without CABG	54	59	113					7.0	\$84,173
Valve with CABG	50	25	75					8.1	\$93,333
Total Valve	104	84	188					7.5	\$89,051
Brandywine									
CABG without Valve	51	39	90					5.0	\$223,396
Valve without CABG	9	4	13	NR	NR	NR	NR	NR	\$312,774
Valve with CABG	10	4	14	NR	NR	NR	NR	NR	\$282,008
Total Valve	19	8	27	NR	NR	NR	NR	NR	\$290,454
Butler Memorial									
CABG without Valve	217	172	389					6.4	\$51,152
Valve without CABG	55	39	94					8.5	\$71,879
Valve with CABG	38	28	66					9.5	\$83,954
Total Valve	93	67	160					8.9	\$78,231
Chester County									
CABG without Valve	96	95	191					5.7	\$82,440
Valve without CABG	30	23	53					6.6	\$98,716
Valve with CABG	25	22	47					8.2	\$124,522
Total Valve	55	45	100					7.3	\$109,757
Community/Scranton									
CABG without Valve	198	202	400					5.7	\$64,182
Valve without CABG	30	36	66					7.1	\$84,579
Valve with CABG	27	37	64					7.2	\$94,928
Total Valve	57	73	130					7.1	\$89,604

 Indicates this hospital has submitted comments regarding the data. These comments are included on the PHC4 Web site at <http://www.phc4.org/reports/cabg/07/comments.htm>























































































 Lower than expected


 Same as expected

 Higher than expected

NR Not rated (too few cases)


HOSPITAL DATA 2007


Hospital Data 2007							
	Number of Cases	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
		In-Hospital	30-Day	7-Day	30-Day		
Abington Memorial 							
CABG without Valve	125					6.4	\$208,824
Valve without CABG	91					9.3	\$227,870
Valve with CABG	22	NR	NR	NR	NR	NR	\$253,173
Total Valve	113					9.7	\$235,031
Albert Einstein							
CABG without Valve	77					5.9	\$209,811
Valve without CABG	11	NR	NR	NR	NR	NR	NR
Valve with CABG	11	NR	NR	NR	NR	NR	NR
Total Valve	22	NR	NR	NR	NR	NR	\$269,963
Allegheny General 							
CABG without Valve	210					7.0	\$93,671
Valve without CABG	126					8.5	\$115,763
Valve with CABG	65					10.5	\$146,517
Total Valve	191					9.3	\$130,984
Altoona Regional							
CABG without Valve	143					5.7	\$66,880
Valve without CABG	59					7.3	\$90,505
Valve with CABG	25	NR	NR	NR	NR	NR	\$97,503
Total Valve	84					7.8	\$93,241
Brandywine							
CABG without Valve	39					5.1	\$212,156
Valve without CABG	4	NR	NR	NR	NR	NR	NR
Valve with CABG	4	NR	NR	NR	NR	NR	NR
Total Valve	8	NR	NR	NR	NR	NR	NR
Butler Memorial							
CABG without Valve	172					6.4	\$52,539
Valve without CABG	39					8.7	\$77,879
Valve with CABG	28	NR	NR	NR	NR	NR	\$74,575
Total Valve	67					8.8	\$77,798
Chester County							
CABG without Valve	95					6.0	\$89,824
Valve without CABG	23	NR	NR	NR	NR	NR	\$107,571
Valve with CABG	22	NR	NR	NR	NR	NR	\$136,278
Total Valve	45					8.2	\$120,912
Community/Scranton							
CABG without Valve	202					6.0	\$67,587
Valve without CABG	36					7.7	\$87,479
Valve with CABG	37					7.1	\$97,946
Total Valve	73					7.3	\$92,897

 Indicates this hospital has submitted comments regarding the data. These comments are included on the PHC4 Web site at <http://www.phc4.org/reports/cabg/07/comments.htm>

 Lower than expected
  Same as expected
  Higher than expected
 NR Not rated (too few cases)

HOSPITAL DATA 2006-2007

	Hospital Data 2006-2007 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day		
Conemaugh Valley Memorial									
CABG without Valve	181	180	361	○	○	○	○	4.8	\$56,873
Valve without CABG	44	44	88	○	○	○	○	5.5	\$94,452
Valve with CABG	73	59	132	○	○	○	○	6.5	\$104,585
Total Valve	117	103	220	○	○	○	○	5.9	\$99,304
Crozer-Chester 									
CABG without Valve	140	129	269	●	○	○	○	5.9	\$283,124
Valve without CABG	23	15	38	○	○	○	○	6.9	\$329,150
Valve with CABG	17	10	27	NR	NR	NR	NR	NR	\$394,760
Total Valve	40	25	65	○	○	○	○	7.6	\$354,041
Doylestown									
CABG without Valve	137	125	262	○	○	○	○	5.1	\$92,091
Valve without CABG	33	35	68	○	○	○	○	5.8	\$101,681
Valve with CABG	38	40	78	○	○	○	○	7.2	\$136,579
Total Valve	71	75	146	○	○	○	○	6.4	\$118,031
DuBois Regional									
CABG without Valve	146	132	278	○	○	○	○	5.5	\$84,615
Valve without CABG	20	27	47	○	○	○	○	6.2	\$95,222
Valve with CABG	30	25	55	○	○	○	○	6.5	\$136,843
Total Valve	50	52	102	○	○	○	○	6.3	\$116,862
Easton									
CABG without Valve	96	91	187	○	○	○	○	6.2	\$245,073
Valve without CABG	15	19	34	○	NR	NR	NR	8.6	\$270,015
Valve with CABG	29	34	63	○	○	○	○	8.8	\$326,656
Total Valve	44	53	97	○	○	○	○	8.5	\$292,972
Frankford									
CABG without Valve	246	190	436	○	○	●	●	6.8	\$105,702
Valve without CABG	19	15	34	○	○	○	○	7.9	\$127,618
Valve with CABG	29	33	62	○	○	●	●	11.3	\$168,448
Total Valve	48	48	96	○	○	●	○	9.6	\$145,003
Geisinger Wilkes-Barre									
CABG without Valve	82	56	138	○	○	○	○	5.0	\$91,745
Valve without CABG	10	11	21	NR	NR	NR	NR	NR	\$121,276
Valve with CABG	14	11	25	NR	NR	NR	NR	NR	\$131,608
Total Valve	24	22	46	○	○	○	○	6.1	\$125,106
Geisinger Wyoming Valley									
CABG without Valve	90	76	166	○	○	○	○	5.5	\$97,606
Valve without CABG	14	18	32	○	○	○	○	6.2	\$112,443
Valve with CABG	11	21	32	○	○	NR	NR	NR	\$134,015
Total Valve	25	39	64	○	○	○	○	6.6	\$123,051

 Indicates this hospital has submitted comments regarding the data. These comments are included on the PHC4 Web site at <http://www.phc4.org/reports/cabg/07/comments.htm>


○ Lower than expected


○ Same as expected

● Higher than expected

NR Not rated (too few cases)

HOSPITAL DATA 2007

Hospital Data 2007							
	Number of Cases	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
		In-Hospital	30-Day	7-Day	30-Day		
Conemaugh Valley Memorial							
CABG without Valve	180	○	○	○	○	4.7	\$56,230
Valve without CABG	44	○	○	○	○	5.7	\$99,508
Valve with CABG	59	○	○	○	○	6.2	\$99,796
Total Valve	103	○	○	○	○	5.9	\$99,129
Crozer-Chester 							
CABG without Valve	129	○	○	○	○	6.1	\$299,765
Valve without CABG	15	NR	NR	NR	NR	NR	\$366,792
Valve with CABG	10	NR	NR	NR	NR	NR	NR
Total Valve	25	NR	NR	NR	NR	NR	\$368,098
Doylestown							
CABG without Valve	125	○	○	○	○	5.1	\$98,178
Valve without CABG	35	○	○	○	○	5.6	\$103,678
Valve with CABG	40	○	○	○	○	7.0	\$140,090
Total Valve	75	○	○	○	○	6.3	\$121,524
DuBois Regional							
CABG without Valve	132	○	●	○	○	5.3	\$90,853
Valve without CABG	27	NR	NR	NR	NR	NR	\$95,654
Valve with CABG	25	NR	NR	NR	NR	NR	\$158,650
Total Valve	52	○	○	○	○	6.6	\$127,059
Easton							
CABG without Valve	91	○	○	○	○	6.5	\$254,795
Valve without CABG	19	NR	NR	NR	NR	NR	\$272,670
Valve with CABG	34	○	NR	NR	NR	8.2	\$338,402
Total Valve	53	○	○	○	○	8.1	\$297,833
Frankford							
CABG without Valve	190	○	○	●	●	7.0	\$103,208
Valve without CABG	15	NR	NR	NR	NR	NR	\$134,623
Valve with CABG	33	○	NR	NR	NR	10.3	\$149,786
Total Valve	48	○	○	○	○	9.2	\$139,658
Geisinger Wilkes-Barre							
CABG without Valve	56	○	○	○	○	5.1	\$99,267
Valve without CABG	11	NR	NR	NR	NR	NR	NR
Valve with CABG	11	NR	NR	NR	NR	NR	NR
Total Valve	22	NR	NR	NR	NR	NR	\$138,986
Geisinger Wyoming Valley							
CABG without Valve	76	○	○	○	○	5.5	\$99,160
Valve without CABG	18	NR	NR	NR	NR	NR	\$119,891
Valve with CABG	21	NR	NR	NR	NR	NR	\$123,162
Total Valve	39	○	○	○	○	6.3	\$121,622

 Indicates this hospital has submitted comments regarding the data. These comments are included on the PHC4 Web site at <http://www.phc4.org/reports/cabg/07/comments.htm>



○ Lower than expected


○ Same as expected

● Higher than expected

NR Not rated (too few cases)

HOSPITAL DATA 2006-2007

	Hospital Data 2006-2007 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day		
Geisinger/Danville									
CABG without Valve	218	233	451	○	○	○	○	5.3	\$88,055
Valve without CABG	98	80	178	○	○	○	○	9.4	\$159,674
Valve with CABG	72	63	135	○	○	○	○	9.2	\$181,400
Total Valve	170	143	313	○	○	○	○	9.4	\$169,249
Good Samaritan/Lebanon									
CABG without Valve	151	141	292	○	○	○	○	5.4	\$83,910
Valve without CABG	14	7	21	NR	NR	NR	NR	NR	\$94,839
Valve with CABG	7	9	16	NR	NR	NR	NR	NR	\$126,706
Total Valve	21	16	37	○	○	○	○	7.3	\$109,695
Hahnemann University									
CABG without Valve	157	126	283	●	○	○	○	8.1	\$370,502
Valve without CABG	25	26	51	○	○	○	○	10.5	\$427,077
Valve with CABG	38	14	52	○	○	NR	NR	12.3	\$518,776
Total Valve	63	40	103	●	○	○	○	11.3	\$459,657
Hamot									
CABG without Valve	368	305	673	○	○	○	○	5.5	\$124,607
Valve without CABG	58	77	135	○	○	○	○	6.9	\$134,103
Valve with CABG	57	79	136	○	○	○	○	8.8	\$187,420
Total Valve	115	156	271	○	○	○	○	7.8	\$161,560
Holy Spirit 									
CABG without Valve	238	213	451	●	●	○	○	4.8	\$69,358
Valve without CABG	30	32	62	○	○	○	○	5.4	\$87,207
Valve with CABG	40	41	81	○	○	○	○	7.4	\$103,195
Total Valve	70	73	143	○	○	○	○	6.3	\$94,501
Hospital University PA 									
CABG without Valve	144	142	286	○	○	○	○	6.6	\$182,083
Valve without CABG	240	289	529	○	○	○	○	7.1	\$213,884
Valve with CABG	123	148	271	○	○	○	○	9.4	\$275,764
Total Valve	363	437	800	○	○	○	○	7.9	\$236,931
Jeanes ¹									
CABG without Valve	7	61	68	○	○	○	○	6.3	\$229,223
Valve without CABG	0	4	4	NR	NR	NR	NR	NR	NR
Valve with CABG	0	10	10	NR	NR	NR	NR	NR	NR
Total Valve	0	14	14	NR	NR	NR	NR	NR	NR
Jefferson Regional									
CABG without Valve	228	268	496	○	○	○	○	6.4	\$49,090
Valve without CABG	45	57	102	○	○	○	○	7.7	\$60,335
Valve with CABG	108	90	198	○	○	○	○	8.8	\$74,150
Total Valve	153	147	300	○	○	○	○	8.1	\$67,304

 Indicates this hospital has submitted comments regarding the data. These comments are included on the PHC4 Web site at <http://www.phc4.org/reports/cabg/07/comments.htm>

¹ Started performing CABG/valve procedures in Quarter 3, 2006.



○ Lower than expected


○ Same as expected

● Higher than expected

NR Not rated (too few cases)

HOSPITAL DATA 2007

	Hospital Data 2007						
	Number of Cases	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
		In-Hospital	30-Day	7-Day	30-Day		
Geisinger/Danville							
CABG without Valve	233	○	○	○	○	5.4	\$96,061
Valve without CABG	80	○	○	○	○	9.7	\$163,502
Valve with CABG	63	●	●	○	○	10.2	\$201,743
Total Valve	143	○	○	○	○	10.0	\$180,456
Good Samaritan/Lebanon							
CABG without Valve	141	○	○	○	○	5.7	\$90,412
Valve without CABG	7	NR	NR	NR	NR	NR	NR
Valve with CABG	9	NR	NR	NR	NR	NR	NR
Total Valve	16	NR	NR	NR	NR	NR	\$113,674
Hahnemann University							
CABG without Valve	126	○	○	○	○	7.9	\$391,171
Valve without CABG	26	NR	NR	NR	NR	NR	\$443,233
Valve with CABG	14	NR	NR	NR	NR	NR	NR
Total Valve	40	○	NR	NR	NR	10.9	\$448,329
Hamot							
CABG without Valve	305	○	○	○	○	5.5	\$133,877
Valve without CABG	77	○	○	○	○	7.2	\$136,425
Valve with CABG	79	○	○	○	○	8.5	\$185,615
Total Valve	156	○	○	○	○	7.8	\$161,860
Holy Spirit 							
CABG without Valve	213	●	●	○	○	4.9	\$72,815
Valve without CABG	32	○	○	○	○	5.7	\$95,100
Valve with CABG	41	○	○	○	○	7.8	\$105,839
Total Valve	73	○	○	○	○	6.7	\$99,614
Hospital University PA 							
CABG without Valve	142	○	○	○	○	6.6	\$180,689
Valve without CABG	289	○	○	○	○	7.4	\$221,853
Valve with CABG	148	○	○	○	○	9.5	\$269,702
Total Valve	437	○	○	○	○	8.2	\$239,258
Jeanes							
CABG without Valve	61	○	○	○	○	6.3	\$231,841
Valve without CABG	4	NR	NR	NR	NR	NR	NR
Valve with CABG	10	NR	NR	NR	NR	NR	NR
Total Valve	14	NR	NR	NR	NR	NR	NR
Jefferson Regional							
CABG without Valve	268	○	○	○	○	6.4	\$51,970
Valve without CABG	57	○	○	○	○	8.3	\$67,247
Valve with CABG	90	○	○	○	○	8.6	\$79,392
Total Valve	147	○	○	○	○	8.3	\$72,577

 Indicates this hospital has submitted comments regarding the data. These comments are included on the PHC4 Web site at <http://www.phc4.org/reports/cabg/07/comments.htm>

○ Lower than expected

○ Same as expected

● Higher than expected

NR Not rated (too few cases)

HOSPITAL DATA 2006-2007

	Hospital Data 2006-2007 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day		
Lancaster General									
CABG without Valve	311	291	602	⊙	⊙	⊙	⊙	5.9	\$66,606
Valve without CABG	93	97	190	⊙	⊙	⊙	⊙	7.1	\$75,024
Valve with CABG	82	113	195	⊙	⊙	⊙	⊙	8.8	\$102,337
Total Valve	175	210	385	⊙	⊙	⊙	⊙	7.9	\$88,485
Lancaster Regional									
CABG without Valve	34	43	77	⊙	⊙	⊙	⊙	6.6	\$98,946
Valve without CABG	10	10	20	NR	NR	NR	NR	NR	\$132,704
Valve with CABG	18	8	26	NR	NR	NR	NR	NR	\$149,414
Total Valve	28	18	46	⊙	⊙	⊙	⊙	10.0	\$139,506
Lehigh Valley									
CABG without Valve	439	381	820	⊙	⊙	⊙	⊙	4.6	\$108,667
Valve without CABG	90	111	201	⊙	⊙	⊙	⊙	5.5	\$133,927
Valve with CABG	93	76	169	⊙	⊙	⊙	⊙	6.2	\$166,431
Total Valve	183	187	370	⊙	⊙	⊙	⊙	5.8	\$149,592
Lehigh Valley/Muhlenberg									
CABG without Valve	68	83	151	⊙	⊙	⊙	⊙	3.5	\$98,007
Valve without CABG	29	16	45	⊙	⊙	⊙	⊙	4.4	\$123,895
Valve with CABG	29	17	46	⊙	⊙	⊙	⊙	5.1	\$154,796
Total Valve	58	33	91	⊙	⊙	⊙	⊙	4.7	\$138,503
Lower Bucks									
CABG without Valve	61	59	120	⊙	⊙	●	●	6.4	\$205,367
Valve without CABG	2	5	7	NR	NR	NR	NR	NR	NR
Valve with CABG	8	2	10	NR	NR	NR	NR	NR	NR
Total Valve	10	7	17	NR	NR	NR	NR	NR	\$298,648
Main Line Bryn Mawr									
CABG without Valve	69	54	123	⊙	⊙	⊙	⊙	5.8	\$154,226
Valve without CABG	37	43	80	⊙	⊙	⊙	⊙	7.1	\$201,010
Valve with CABG	10	19	29	NR	NR	NR	NR	NR	\$266,883
Total Valve	47	62	109	⊙	⊙	⊙	⊙	7.9	\$220,897
Main Line Lankenau									
CABG without Valve	257	281	538	⊙	⊙	⊙	⊙	5.2	\$139,426
Valve without CABG	127	118	245	⊙	⊙	⊙	⊙	6.1	\$182,868
Valve with CABG	75	60	135	⊙	⊙	⊙	⊙	8.2	\$230,018
Total Valve	202	178	380	⊙	⊙	⊙	⊙	6.9	\$199,742
Main Line Paoli									
CABG without Valve	72	68	140	⊙	⊙	⊙	⊙	6.0	\$142,132
Valve without CABG	6	9	15	NR	NR	NR	NR	NR	\$143,487
Valve with CABG	8	8	16	NR	NR	NR	NR	NR	\$206,546
Total Valve	14	17	31	⊙	⊙	⊙	⊙	6.6	\$173,808

○ Lower than expected

⊙ Same as expected

● Higher than expected

NR Not rated (too few cases)

HOSPITAL DATA 2007

	Hospital Data 2007						
	Number of Cases	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
		In-Hospital	30-Day	7-Day	30-Day		
Lancaster General							
CABG without Valve	291	●	●	○	○	5.7	\$69,940
Valve without CABG	97	○	○	○	○	7.4	\$80,469
Valve with CABG	113	○	○	○	○	8.4	\$107,011
Total Valve	210	○	○	○	○	7.8	\$93,998
Lancaster Regional							
CABG without Valve	43	○	○	○	○	6.5	\$102,383
Valve without CABG	10	NR	NR	NR	NR	NR	NR
Valve with CABG	8	NR	NR	NR	NR	NR	NR
Total Valve	18	NR	NR	NR	NR	NR	\$124,621
Lehigh Valley							
CABG without Valve	381	○	○	○	○	4.6	\$109,185
Valve without CABG	111	○	○	○	○	5.6	\$136,776
Valve with CABG	76	○	○	○	○	6.4	\$167,720
Total Valve	187	○	○	○	○	6.0	\$152,465
Lehigh Valley/Muhlenberg							
CABG without Valve	83	○	○	○	○	3.8	\$105,019
Valve without CABG	16	NR	NR	NR	NR	NR	\$139,495
Valve with CABG	17	NR	NR	NR	NR	NR	\$179,607
Total Valve	33	○	○	○	○	4.9	\$157,976
Lower Bucks							
CABG without Valve	59	○	○	●	●	5.9	\$200,286
Valve without CABG	5	NR	NR	NR	NR	NR	NR
Valve with CABG	2	NR	NR	NR	NR	NR	NR
Total Valve	7	NR	NR	NR	NR	NR	NR
Main Line Bryn Mawr							
CABG without Valve	54	○	○	○	○	5.8	\$177,903
Valve without CABG	43	○	○	○	○	7.1	\$197,028
Valve with CABG	19	NR	NR	NR	NR	NR	\$229,542
Total Valve	62	○	○	○	○	7.5	\$207,615
Main Line Lankenau							
CABG without Valve	281	○	○	○	○	5.2	\$147,093
Valve without CABG	118	○	○	○	○	6.2	\$186,977
Valve with CABG	60	○	○	○	○	8.1	\$229,794
Total Valve	178	○	○	○	○	6.9	\$201,180
Main Line Paoli							
CABG without Valve	68	○	○	○	○	5.7	\$130,281
Valve without CABG	9	NR	NR	NR	NR	NR	NR
Valve with CABG	8	NR	NR	NR	NR	NR	NR
Total Valve	17	NR	NR	NR	NR	NR	\$165,747

○ Lower than expected

○ Same as expected

● Higher than expected

NR Not rated (too few cases)

HOSPITAL DATA 2006-2007

	Hospital Data 2006-2007 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day		
Medical Center Beaver									
CABG without Valve	176	194	370	⊙	⊙	⊙	⊙	6.1	\$52,907
Valve without CABG	31	37	68	⊙	⊙	⊙	●	7.6	\$65,832
Valve with CABG	33	36	69	⊙	⊙	⊙	⊙	9.1	\$68,374
Total Valve	64	73	137	⊙	⊙	⊙	●	8.2	\$67,066
Mercy Fitzgerald									
CABG without Valve	78	60	138	●	●	●	●	6.3	\$214,959
Valve without CABG	5	8	13	NR	NR	NR	NR	NR	NR
Valve with CABG	3	4	7	NR	NR	NR	NR	NR	NR
Total Valve	8	12	20	NR	NR	NR	NR	NR	\$231,418
Mercy Pittsburgh									
CABG without Valve	236	177	413	⊙	⊙	⊙	⊙	6.4	\$84,530
Valve without CABG	40	25	65	⊙	⊙	⊙	⊙	8.0	\$106,865
Valve with CABG	57	33	90	⊙	⊙	⊙	⊙	11.0	\$141,062
Total Valve	97	58	155	⊙	⊙	⊙	⊙	9.4	\$124,509
Mercy/Scranton									
CABG without Valve	185	179	364	●	⊙	⊙	⊙	6.2	\$74,016
Valve without CABG	63	55	118	⊙	⊙	⊙	⊙	7.0	\$81,660
Valve with CABG	51	57	108	⊙	⊙	⊙	⊙	8.0	\$99,021
Total Valve	114	112	226	⊙	⊙	⊙	⊙	7.4	\$90,201
Milton S Hershey									
CABG without Valve	185	193	378	⊙	⊙	⊙	⊙	5.6	\$65,923
Valve without CABG	88	95	183	⊙	⊙	⊙	⊙	6.8	\$81,220
Valve with CABG	70	54	124	⊙	⊙	⊙	⊙	7.8	\$96,270
Total Valve	158	149	307	⊙	⊙	⊙	⊙	7.2	\$88,908
Penn Presbyterian									
CABG without Valve	192	205	397	⊙	⊙	⊙	⊙	6.8	\$153,144
Valve without CABG	180	162	342	⊙	⊙	⊙	⊙	7.5	\$177,535
Valve with CABG	92	101	193	⊙	⊙	⊙	⊙	9.1	\$201,522
Total Valve	272	263	535	⊙	⊙	⊙	⊙	8.2	\$186,997
Pennsylvania									
CABG without Valve	124	108	232	⊙	⊙	⊙	⊙	6.7	\$192,253
Valve without CABG	28	29	57	⊙	⊙	⊙	⊙	7.2	\$245,290
Valve with CABG	24	25	49	⊙	NR	NR	NR	9.2	\$301,860
Total Valve	52	54	106	⊙	⊙	⊙	⊙	8.1	\$266,300
Phoenixville									
CABG without Valve	64	86	150	⊙	⊙	⊙	⊙	6.4	\$159,322
Valve without CABG	9	8	17	NR	NR	NR	NR	NR	\$189,407
Valve with CABG	3	10	13	NR	NR	NR	NR	NR	NR
Total Valve	12	18	30	⊙	NR	NR	NR	NR	\$199,316

⊙ Lower than expected

⊙ Same as expected

● Higher than expected

NR Not rated (too few cases)

HOSPITAL DATA 2007

Hospital Data 2007							
	Number of Cases	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
		In-Hospital	30-Day	7-Day	30-Day		
Medical Center Beaver							
CABG without Valve	194	○	○	○	○	6.2	\$56,799
Valve without CABG	37	○	●	○	●	7.7	\$70,529
Valve with CABG	36	○	○	○	○	9.9	\$75,201
Total Valve	73	●	●	○	●	8.7	\$72,682
Mercy Fitzgerald							
CABG without Valve	60	○	○	○	○	6.4	\$206,167
Valve without CABG	8	NR	NR	NR	NR	NR	NR
Valve with CABG	4	NR	NR	NR	NR	NR	NR
Total Valve	12	NR	NR	NR	NR	NR	NR
Mercy Pittsburgh							
CABG without Valve	177	○	○	○	○	6.2	\$83,825
Valve without CABG	25	NR	NR	NR	NR	NR	\$95,868
Valve with CABG	33	○	○	NR	NR	10.5	\$138,674
Total Valve	58	○	○	○	○	9.1	\$117,264
Mercy/Scranton							
CABG without Valve	179	○	○	○	○	6.2	\$77,268
Valve without CABG	55	○	○	○	○	6.6	\$77,730
Valve with CABG	57	○	○	○	○	7.8	\$101,499
Total Valve	112	○	○	○	○	7.1	\$89,921
Milton S Hershey							
CABG without Valve	193	○	○	○	○	5.3	\$67,707
Valve without CABG	95	○	○	○	○	6.4	\$81,985
Valve with CABG	54	○	○	○	○	7.5	\$94,249
Total Valve	149	○	○	○	○	6.9	\$88,817
Penn Presbyterian							
CABG without Valve	205	○	○	○	○	6.8	\$169,849
Valve without CABG	162	○	○	○	○	7.6	\$192,840
Valve with CABG	101	○	○	○	○	8.8	\$213,802
Total Valve	263	○	○	○	○	8.1	\$200,866
Pennsylvania							
CABG without Valve	108	○	○	○	○	6.6	\$196,013
Valve without CABG	29	NR	NR	NR	NR	NR	\$273,785
Valve with CABG	25	NR	NR	NR	NR	NR	\$314,177
Total Valve	54	○	○	○	○	8.7	\$289,545
Phoenixville							
CABG without Valve	86	○	○	○	○	6.4	\$170,450
Valve without CABG	8	NR	NR	NR	NR	NR	NR
Valve with CABG	10	NR	NR	NR	NR	NR	NR
Total Valve	18	NR	NR	NR	NR	NR	\$214,638

○ Lower than expected

○ Same as expected

● Higher than expected

NR Not rated (too few cases)

HOSPITAL DATA 2006-2007

	Hospital Data 2006-2007 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day		
Pinnacle Health									
CABG without Valve	463	381	844	⊙	⊙	⊙	⊙	5.5	\$71,918
Valve without CABG	79	74	153	⊙	⊙	⊙	⊙	7.1	\$92,659
Valve with CABG	73	70	143	⊙	⊙	⊙	⊙	8.3	\$111,805
Total Valve	152	144	296	⊙	⊙	⊙	⊙	7.6	\$101,914
Pocono ¹									
CABG without Valve	0	147	147	⊙	⊙	⊙	⊙	4.0	\$61,631
Valve without CABG	0	10	10	NR	NR	NR	NR	NR	NR
Valve with CABG	0	14	14	NR	NR	NR	NR	NR	\$85,542
Total Valve	0	24	24	NR	NR	NR	NR	NR	\$79,781
Reading									
CABG without Valve	190	155	345	⊙	⊙	⊙	⊙	5.9	\$86,160
Valve without CABG	37	28	65	⊙	⊙	⊙	⊙	6.6	\$100,599
Valve with CABG	35	31	66	⊙	⊙	⊙	⊙	8.1	\$117,373
Total Valve	72	59	131	⊙	⊙	⊙	⊙	7.2	\$108,225
Robert Packer									
CABG without Valve	190	181	371	⊙	⊙	⊙	⊙	5.5	\$53,006
Valve without CABG	62	63	125	⊙	⊙	⊙	⊙	6.3	\$65,167
Valve with CABG	39	46	85	⊙	⊙	⊙	⊙	7.2	\$82,249
Total Valve	101	109	210	⊙	⊙	⊙	⊙	6.7	\$73,181
Sacred Heart/Allentown ²									
CABG without Valve	44	22	66	⊙	⊙	⊙	⊙	5.3	\$81,269
Valve without CABG	9	7	16	NR	NR	NR	NR	NR	\$102,339
Valve with CABG	10	4	14	NR	NR	NR	NR	NR	\$123,555
Total Valve	19	11	30	⊙	NR	NR	NR	NR	\$112,505
Saint Vincent Health									
CABG without Valve	379	340	719	⊙	⊙	⊙	⊙	5.1	\$129,226
Valve without CABG	51	30	81	⊙	⊙	⊙	⊙	6.2	\$164,757
Valve with CABG	60	48	108	⊙	⊙	⊙	⊙	6.9	\$201,046
Total Valve	111	78	189	⊙	⊙	⊙	⊙	6.5	\$182,511
Sharon Regional									
CABG without Valve	55	54	109	⊙	⊙	⊙	⊙	6.1	\$71,420
Valve without CABG	3	9	12	NR	NR	NR	NR	NR	NR
Valve with CABG	0	7	7	NR	NR	NR	NR	NR	NR
Total Valve	3	16	19	NR	NR	NR	NR	NR	\$93,682
St Clair Memorial									
CABG without Valve	173	175	348	⊙	⊙	⊙	⊙	5.0	\$57,295
Valve without CABG	33	29	62	⊙	⊙	⊙	⊙	7.3	\$77,835
Valve with CABG	28	32	60	⊙	⊙	⊙	⊙	7.4	\$85,982
Total Valve	61	61	122	⊙	⊙	⊙	⊙	7.3	\$81,965

¹ Started performing CABG/valve procedures in Quarter 1, 2007.

² Stopped performing CABG/valve procedures in Quarter 4, 2007.

○ Lower than expected

⊙ Same as expected

● Higher than expected

NR Not rated (too few cases)

HOSPITAL DATA 2007

	Hospital Data 2007						
	Number of Cases	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
		In-Hospital	30-Day	7-Day	30-Day		
Pinnacle Health							
CABG without Valve	381	○	○	○	○	5.5	\$70,525
Valve without CABG	74	○	○	○	○	7.1	\$95,043
Valve with CABG	70	○	○	○	●	8.0	\$110,171
Total Valve	144	○	○	○	○	7.5	\$102,531
Pocono ¹							
CABG without Valve	147	○	○	○	○	4.0	\$63,628
Valve without CABG	10	NR	NR	NR	NR	NR	NR
Valve with CABG	14	NR	NR	NR	NR	NR	\$87,764
Total Valve	24	NR	NR	NR	NR	NR	\$81,993
Reading							
CABG without Valve	155	○	○	○	○	6.3	\$93,406
Valve without CABG	28	NR	NR	NR	NR	NR	\$103,419
Valve with CABG	31	○	○	○	○	8.2	\$124,909
Total Valve	59	○	○	○	○	7.2	\$112,477
Robert Packer							
CABG without Valve	181	○	○	○	●	5.5	\$58,432
Valve without CABG	63	○	○	○	○	6.8	\$69,570
Valve with CABG	46	○	NR	NR	NR	6.7	\$85,114
Total Valve	109	○	○	○	○	6.8	\$77,506
Sacred Heart/Allentown ²							
CABG without Valve	22	NR	NR	NR	NR	NR	\$85,929
Valve without CABG	7	NR	NR	NR	NR	NR	NR
Valve with CABG	4	NR	NR	NR	NR	NR	NR
Total Valve	11	NR	NR	NR	NR	NR	NR
Saint Vincent Health							
CABG without Valve	340	○	○	○	○	5.3	\$136,703
Valve without CABG	30	○	NR	NR	NR	NR	\$186,580
Valve with CABG	48	○	○	○	○	7.5	\$207,031
Total Valve	78	○	○	○	○	7.2	\$192,984
Sharon Regional							
CABG without Valve	54	○	○	○	○	6.2	\$73,546
Valve without CABG	9	NR	NR	NR	NR	NR	NR
Valve with CABG	7	NR	NR	NR	NR	NR	NR
Total Valve	16	NR	NR	NR	NR	NR	\$93,976
St Clair Memorial							
CABG without Valve	175	○	○	○	○	4.9	\$59,507
Valve without CABG	29	NR	NR	NR	NR	NR	\$77,017
Valve with CABG	32	○	○	○	○	7.1	\$85,288
Total Valve	61	○	○	○	○	6.9	\$80,533

¹ Started performing CABG/valve procedures in Quarter 1, 2007.

² Stopped performing CABG/valve procedures in Quarter 4, 2007.

○ Lower than expected ○ Same as expected ● Higher than expected NR Not rated (too few cases)

HOSPITAL DATA 2006-2007

	Hospital Data 2006-2007 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day		
St Joseph/Reading									
CABG without Valve	73	60	133	●	○	○	○	6.1	\$73,456
Valve without CABG	17	16	33	●	○	○	○	NR	\$84,284
Valve with CABG	7	20	27	NR	NR	NR	NR	NR	\$101,981
Total Valve	24	36	60	●	●	●	○	6.8	\$93,115
St Luke's/Bethlehem									
CABG without Valve	182	173	355	○	○	○	○	6.9	\$140,493
Valve without CABG	52	46	98	○	○	○	○	8.0	\$166,844
Valve with CABG	41	37	78	○	○	○	○	10.2	\$222,409
Total Valve	93	83	176	○	○	○	○	8.9	\$193,144
St Mary									
CABG without Valve	223	183	406	○	○	○	○	5.3	\$90,391
Valve without CABG	34	43	77	●	○	●	●	6.5	\$145,168
Valve with CABG	47	35	82	○	○	○	○	8.3	\$156,458
Total Valve	81	78	159	●	●	○	●	7.3	\$148,762
Temple University									
CABG without Valve	91	119	210	●	○	○	○	6.0	\$367,409
Valve without CABG	40	32	72	●	●	○	○	7.6	\$413,414
Valve with CABG	21	19	40	○	○	●	○	12.7	\$556,793
Total Valve	61	51	112	●	○	○	○	9.3	\$465,580
Thomas Jefferson Univ									
CABG without Valve	127	149	276	○	○	●	●	7.1	\$202,127
Valve without CABG	46	58	104	●	○	○	○	9.6	\$224,407
Valve with CABG	29	34	63	○	○	○	○	10.9	\$278,443
Total Valve	75	92	167	○	○	○	○	10.2	\$244,866
UPMC Passavant									
CABG without Valve	187	192	379	○	○	○	○	6.7	\$89,956
Valve without CABG	69	88	157	○	○	○	○	8.4	\$103,857
Valve with CABG	58	78	136	○	○	○	○	9.0	\$128,248
Total Valve	127	166	293	○	○	○	○	8.6	\$116,083
UPMC Presby Shadyside									
CABG without Valve	745	603	1,348	○	○	○	○	6.7	\$191,448
Valve without CABG	213	217	430	○	○	○	○	8.3	\$239,369
Valve with CABG	238	225	463	○	○	○	○	9.8	\$305,694
Total Valve	451	442	893	○	○	●	○	9.0	\$272,816
Washington									
CABG without Valve	125	106	231	○	○	○	○	5.5	\$63,202
Valve without CABG	44	44	88	○	○	●	●	7.8	\$107,021
Valve with CABG	35	28	63	○	○	●	●	9.2	\$111,896
Total Valve	79	72	151	○	○	●	●	8.4	\$110,885

○ Lower than expected

○ Same as expected

● Higher than expected

NR Not rated (too few cases)

HOSPITAL DATA 2007

	Hospital Data 2007						
	Number of Cases	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
		In-Hospital	30-Day	7-Day	30-Day		
St Joseph/Reading							
CABG without Valve	60	○	○	○	○	5.9	\$72,490
Valve without CABG	16	NR	NR	NR	NR	NR	\$76,619
Valve with CABG	20	NR	NR	NR	NR	NR	\$102,434
Total Valve	36	●	○	●	●	6.8	\$88,593
St Luke's/Bethlehem							
CABG without Valve	173	○	○	○	○	6.7	\$150,889
Valve without CABG	46	○	○	○	○	7.1	\$160,372
Valve with CABG	37	○	○	○	○	9.9	\$256,949
Total Valve	83	○	○	○	○	8.2	\$204,432
St Mary							
CABG without Valve	183	○	○	○	○	5.5	\$94,910
Valve without CABG	43	●	●	○	○	6.2	\$156,478
Valve with CABG	35	○	NR	NR	NR	8.1	\$156,054
Total Valve	78	●	●	○	○	7.0	\$155,621
Temple University							
CABG without Valve	119	○	○	○	○	6.1	\$375,103
Valve without CABG	32	●	NR	NR	NR	NR	\$424,811
Valve with CABG	19	NR	NR	NR	NR	NR	NR
Total Valve	51	●	○	○	○	9.0	\$460,038
Thomas Jefferson Univ							
CABG without Valve	149	○	○	●	○	6.8	\$196,668
Valve without CABG	58	●	●	●	●	9.1	\$223,976
Valve with CABG	34	○	NR	NR	NR	9.3	\$272,961
Total Valve	92	●	○	●	●	9.3	\$242,439
UPMC Passavant							
CABG without Valve	192	○	○	○	○	6.8	\$93,230
Valve without CABG	88	○	○	○	○	8.8	\$107,536
Valve with CABG	78	○	○	○	○	9.8	\$134,458
Total Valve	166	○	○	○	○	9.2	\$120,812
UPMC Presby Shadyside							
CABG without Valve	603	○	○	○	○	6.7	\$199,592
Valve without CABG	217	○	○	●	●	8.4	\$242,413
Valve with CABG	225	○	○	○	○	9.5	\$316,081
Total Valve	442	○	○	●	●	8.9	\$278,648
Washington							
CABG without Valve	106	○	○	○	○	5.3	\$58,546
Valve without CABG	44	○	○	●	●	7.5	\$98,921
Valve with CABG	28	NR	NR	NR	NR	NR	\$100,149
Total Valve	72	○	○	●	●	7.7	\$101,646

○ Lower than expected

○ Same as expected

● Higher than expected

NR Not rated (too few cases)

HOSPITAL DATA 2006-2007

	Hospital Data 2006-2007 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day		
Western Pennsylvania									
CABG without Valve	370	300	670	○	○	○	○	6.1	\$107,037
Valve without CABG	66	65	131	○	○	○	○	7.1	\$123,301
Valve with CABG	96	71	167	○	○	○	○	8.7	\$159,226
Total Valve	162	136	298	○	○	○	○	7.8	\$141,655
Westmoreland Regional									
CABG without Valve	330	308	638	●	●	○	○	5.7	\$47,085
Valve without CABG	39	41	80	○	●	○	○	6.3	\$59,388
Valve with CABG	66	56	122	○	○	○	○	8.0	\$68,485
Total Valve	105	97	202	○	○	○	○	7.1	\$63,584
Williamsport									
CABG without Valve	141	42	183	○	●	○	○	5.4	\$63,996
Valve without CABG	29	11	40	○	○	○	○	7.5	\$86,485
Valve with CABG	25	10	35	○	●	○	○	7.5	\$94,552
Total Valve	54	21	75	○	●	○	○	7.5	\$89,998
WVHCS									
CABG without Valve	200	211	411	○	○	○	○	5.3	\$64,111
Valve without CABG	29	15	44	○	○	○	○	6.3	\$94,474
Valve with CABG	45	35	80	●	●	○	○	6.8	\$98,873
Total Valve	74	50	124	●	○	○	○	6.5	\$94,464
York									
CABG without Valve	314	272	586	○	○	○	○	6.0	\$53,874
Valve without CABG	72	76	148	○	○	○	○	7.8	\$69,693
Valve with CABG	65	90	155	○	○	○	○	9.2	\$84,066
Total Valve	137	166	303	○	○	○	○	8.4	\$76,594
Statewide									
CABG without Valve	11,022	10,166	21,188	1.8%	2.4%	5.6%	13.5%	5.8	\$111,817
Valve without CABG	3,000	2,975	5,975	3.3%	3.9%	7.6%	18.5%	7.3	\$148,613
Valve with CABG	2,611	2,514	5,125	5.5%	6.5%	8.4%	19.3%	8.5	\$171,371
Total Valve	5,611	5,489	11,100	4.3%	5.1%	7.9%	18.9%	7.8	\$159,014

○ Lower than expected

○ Same as expected

● Higher than expected

NR Not rated (too few cases)

HOSPITAL DATA 2007

	Hospital Data 2007						
	Number of Cases	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
		In-Hospital	30-Day	7-Day	30-Day		
Western Pennsylvania							
CABG without Valve	300	○	○	○	○	6.1	\$109,667
Valve without CABG	65	○	○	○	○	7.1	\$117,794
Valve with CABG	71	○	○	○	○	8.6	\$163,458
Total Valve	136	○	○	○	○	7.8	\$140,393
Westmoreland Regional							
CABG without Valve	308	●	●	○	○	5.9	\$46,238
Valve without CABG	41	●	●	○	○	6.4	\$58,036
Valve with CABG	56	○	○	○	○	8.0	\$62,702
Total Valve	97	○	○	○	○	7.2	\$59,581
Williamsport							
CABG without Valve	42	○	○	○	○	5.1	\$64,481
Valve without CABG	11	NR	NR	NR	NR	NR	NR
Valve with CABG	10	NR	NR	NR	NR	NR	NR
Total Valve	21	NR	NR	NR	NR	NR	\$90,213
WVHCS							
CABG without Valve	211	○	○	○	○	5.5	\$65,375
Valve without CABG	15	NR	NR	NR	NR	NR	\$96,410
Valve with CABG	35	●	●	○	○	8.0	\$104,356
Total Valve	50	●	●	○	○	7.3	\$98,395
York							
CABG without Valve	272	○	○	○	○	6.3	\$56,377
Valve without CABG	76	○	○	○	○	8.2	\$73,956
Valve with CABG	90	○	○	○	○	10.3	\$89,587
Total Valve	166	○	○	○	○	9.1	\$81,601
Statewide							
CABG without Valve	10,166	1.8%	2.4%	5.8%	14.0%	5.8	\$115,482
Valve without CABG	2,975	3.2%	3.8%	7.9%	20.0%	7.4	\$151,714
Valve with CABG	2,514	4.8%	5.9%	9.0%	20.5%	8.5	\$172,550
Total Valve	5,489	3.9%	4.8%	8.4%	20.3%	7.9	\$161,191


○ Lower than expected


○ Same as expected

● Higher than expected

NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Abrishamchian, A. Reza								
CABG without Valve	1	46	47	⊙	⊙	⊙	⊙	5.6
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	0	0	NR	NR	NR	NR	NR
Acker, Michael A.								
CABG without Valve	55	31	86	⊙	⊙	⊙	⊙	6.4
Valve without CABG	111	109	220	⊙	⊙	⊙	⊙	6.7
Valve with CABG	46	54	100	⊙	⊙	⊙	⊙	8.9
Total Valve	157	163	320	⊙	⊙	⊙	⊙	7.4
Addonizio, V. Paul								
CABG without Valve	87	32	119	⊙	⊙	⊙	⊙	6.7
Valve without CABG	141	91	232	⊙	⊙	⊙	⊙	8.9
Valve with CABG	39	19	58	⊙	⊙	⊙	⊙	9.9
Total Valve	180	110	290	⊙	●	⊙	⊙	9.5
Anastasi, John S. 								
CABG without Valve	94	64	158	⊙	⊙	●	●	5.4
Valve without CABG	41	40	81	⊙	●	⊙	●	6.7
Valve with CABG	30	17	47	⊙	⊙	⊙	⊙	8.0
Total Valve	71	57	128	⊙	●	⊙	⊙	7.3
Anderson, John								
CABG without Valve	0	59	59	⊙	⊙	⊙	⊙	5.1
Valve without CABG	0	7	7	NR	NR	NR	NR	NR
Valve with CABG	0	7	7	NR	NR	NR	NR	NR
Total Valve	0	14	14	NR	NR	NR	NR	NR
Anene, Charles								
CABG without Valve	47	35	82	⊙	⊙	●	●	6.3
Valve without CABG	1	3	4	NR	NR	NR	NR	NR
Valve with CABG	5	2	7	NR	NR	NR	NR	NR
Total Valve	6	5	11	NR	NR	NR	NR	NR
Angelico, Richard J.								
CABG without Valve	54	57	111	⊙	⊙	⊙	⊙	6.1
Valve without CABG	5	8	13	NR	NR	NR	NR	NR
Valve with CABG	15	18	33	⊙	NR	NR	NR	9.3
Total Valve	20	26	46	⊙	NR	NR	NR	8.9
Aufiero, Thomas X.								
CABG without Valve	53	8	61	●	⊙	⊙	⊙	5.8
Valve without CABG	14	4	18	NR	NR	NR	NR	NR
Valve with CABG	10	1	11	NR	NR	NR	NR	NR
Total Valve	24	5	29	NR	NR	NR	NR	NR

 Indicates this surgeon has submitted comments regarding the data. These comments are included on the PHC4 Web site at <http://www.phc4.org/reports/cabg/07/comments.htm>

 Lower than expected
  Same as expected
  Higher than expected
 NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Auteri, Joseph S.								
CABG without Valve	0	85	85	⊙	⊙	⊙	⊙	5.0
Valve without CABG	0	30	30	⊙	NR	NR	NR	5.6
Valve with CABG	0	29	29	NR	NR	NR	NR	NR
Total Valve	0	59	59	⊙	⊙	⊙	⊙	5.9
Bailey, Steven H.								
CABG without Valve	68	79	147	⊙	⊙	⊙	⊙	6.9
Valve without CABG	12	27	39	⊙	⊙	⊙	⊙	7.2
Valve with CABG	12	26	38	⊙	⊙	⊙	⊙	9.9
Total Valve	24	53	77	⊙	⊙	⊙	⊙	8.4
Bavaria, Joseph E.								
CABG without Valve	12	7	19	NR	NR	NR	NR	NR
Valve without CABG	70	80	150	⊙	⊙	⊙	⊙	7.3
Valve with CABG	31	32	63	⊙	⊙	⊙	⊙	8.8
Total Valve	101	112	213	⊙	⊙	⊙	⊙	7.9
Benckart, Daniel H.								
CABG without Valve	28	6	34	⊙	⊙	⊙	⊙	6.8
Valve without CABG	10	7	17	NR	NR	NR	NR	NR
Valve with CABG	2	5	7	NR	NR	NR	NR	NR
Total Valve	12	12	24	NR	NR	NR	NR	NR
Bennett, Robert D.								
CABG without Valve	89	75	164	⊙	⊙	⊙	⊙	6.5
Valve without CABG	11	10	21	NR	NR	NR	NR	NR
Valve with CABG	18	17	35	⊙	⊙	⊙	⊙	11.5
Total Valve	29	27	56	⊙	⊙	⊙	⊙	10.0
Benoit, Charles H.								
CABG without Valve	82	90	172	⊙	⊙	⊙	⊙	5.6
Valve without CABG	15	19	34	⊙	⊙	⊙	⊙	8.8
Valve with CABG	28	24	52	●	●	⊙	⊙	8.7
Total Valve	43	43	86	⊙	⊙	⊙	⊙	8.6
Bermudez, Christian								
CABG without Valve	15	10	25	NR	NR	NR	NR	NR
Valve without CABG	1	8	9	NR	NR	NR	NR	NR
Valve with CABG	7	3	10	NR	NR	NR	NR	NR
Total Valve	8	11	19	NR	NR	NR	NR	NR
Bernabei, Alvise F.								
CABG without Valve	7	22	29	NR	NR	NR	NR	NR
Valve without CABG	2	7	9	NR	NR	NR	NR	NR
Valve with CABG	9	3	12	NR	NR	NR	NR	NR
Total Valve	11	10	21	NR	NR	NR	NR	NR

○ Lower than expected

⊙ Same as expected

● Higher than expected

NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Biswas, Kunda S.								
CABG without Valve	6	2	8	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	0	0	NR	NR	NR	NR	NR
Boateng, Percy								
CABG without Valve	12	30	42	⊙	⊙	⊙	⊙	7.3
Valve without CABG	0	1	1	NR	NR	NR	NR	NR
Valve with CABG	1	2	3	NR	NR	NR	NR	NR
Total Valve	1	3	4	NR	NR	NR	NR	NR
Bogar, Linda J.								
CABG without Valve	86	73	159	⊙	⊙	⊙	⊙	6.4
Valve without CABG	19	11	30	⊙	⊙	NR	NR	NR
Valve with CABG	9	10	19	NR	NR	NR	NR	NR
Total Valve	28	21	49	●	⊙	⊙	⊙	9.3
Boonswang, Narongsak Ab								
CABG without Valve	13	33	46	⊙	⊙	⊙	●	6.5
Valve without CABG	0	10	10	NR	NR	NR	NR	NR
Valve with CABG	5	16	21	NR	NR	NR	NR	NR
Total Valve	5	26	31	⊙	NR	NR	NR	NR
Boova, Robert S.								
CABG without Valve	68	50	118	⊙	⊙	⊙	⊙	5.8
Valve without CABG	37	43	80	⊙	⊙	⊙	⊙	7.1
Valve with CABG	9	19	28	NR	NR	NR	NR	NR
Total Valve	46	62	108	⊙	⊙	⊙	⊙	7.8
Bridges, Charles R.								
CABG without Valve	106	89	195	⊙	⊙	⊙	⊙	6.6
Valve without CABG	22	27	49	⊙	⊙	⊙	⊙	7.4
Valve with CABG	21	17	38	⊙	NR	NR	NR	9.9
Total Valve	43	44	87	⊙	⊙	⊙	⊙	8.4
Brown, Paul								
CABG without Valve	6	21	27	NR	NR	NR	NR	NR
Valve without CABG	2	3	5	NR	NR	NR	NR	NR
Valve with CABG	5	5	10	NR	NR	NR	NR	NR
Total Valve	7	8	15	NR	NR	NR	NR	NR
Buenaventura, Percival O.								
CABG without Valve	9	7	16	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	1	1	NR	NR	NR	NR	NR
Total Valve	0	1	1	NR	NR	NR	NR	NR

○ Lower than expected

⊙ Same as expected

● Higher than expected

NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Burlingame, Mark W.								
CABG without Valve	112	155	267	⊙	⊙	⊙	⊙	6.0
Valve without CABG	32	51	83	⊙	⊙	⊙	⊙	7.1
Valve with CABG	26	55	81	⊙	⊙	⊙	⊙	8.7
Total Valve	58	106	164	⊙	⊙	⊙	⊙	7.8
Butler, Michael D.								
CABG without Valve	80	107	187	⊙	⊙	⊙	⊙	6.2
Valve without CABG	9	26	35	⊙	NR	NR	NR	7.2
Valve with CABG	15	34	49	⊙	NR	NR	NR	9.9
Total Valve	24	60	84	⊙	⊙	⊙	⊙	8.5
Campbell, David B.								
CABG without Valve	16	19	35	⊙	⊙	⊙	⊙	5.8
Valve without CABG	18	16	34	⊙	⊙	⊙	⊙	6.6
Valve with CABG	12	9	21	NR	NR	NR	NR	NR
Total Valve	30	25	55	⊙	⊙	⊙	⊙	7.4
Casale, Alfred S.								
CABG without Valve	53	35	88	⊙	⊙	⊙	⊙	5.4
Valve without CABG	9	9	18	NR	NR	NR	NR	NR
Valve with CABG	5	10	15	NR	NR	NR	NR	NR
Total Valve	14	19	33	⊙	⊙	⊙	⊙	6.8
Casey, Kevin								
CABG without Valve	42	51	93	●	●	⊙	⊙	7.2
Valve without CABG	20	12	32	⊙	NR	NR	NR	NR
Valve with CABG	11	15	26	NR	NR	NR	NR	NR
Total Valve	31	27	58	⊙	⊙	⊙	⊙	8.8
Chatterjee, Subhasis								
CABG without Valve	0	10	10	NR	NR	NR	NR	NR
Valve without CABG	0	4	4	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	4	4	NR	NR	NR	NR	NR
Childers, Henry E.								
CABG without Valve	139	88	227	●	●	⊙	⊙	5.4
Valve without CABG	17	16	33	●	●	⊙	⊙	NR
Valve with CABG	26	12	38	⊙	⊙	⊙	⊙	7.8
Total Valve	43	28	71	⊙	●	⊙	⊙	6.9
Clark, Joseph B.								
CABG without Valve	0	0	0	NR	NR	NR	NR	NR
Valve without CABG	0	2	2	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	2	2	NR	NR	NR	NR	NR

○ Lower than expected
 ⊙ Same as expected
 ● Higher than expected
 NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Cope, Jeffrey T.								
CABG without Valve	103	126	229	⊙	⊙	⊙	⊙	5.7
Valve without CABG	22	42	64	⊙	⊙	⊙	⊙	7.3
Valve with CABG	37	58	95	⊙	⊙	⊙	⊙	9.0
Total Valve	59	100	159	⊙	⊙	⊙	⊙	8.1
Crouch, Ray D.								
CABG without Valve	20	24	44	⊙	⊙	⊙	⊙	6.9
Valve without CABG	9	2	11	NR	NR	NR	NR	NR
Valve with CABG	8	8	16	NR	NR	NR	NR	NR
Total Valve	17	10	27	NR	NR	NR	NR	NR
Culig, Michael H.								
CABG without Valve	108	88	196	⊙	⊙	⊙	⊙	6.1
Valve without CABG	12	26	38	⊙	⊙	⊙	⊙	6.5
Valve with CABG	28	24	52	⊙	⊙	⊙	⊙	7.5
Total Valve	40	50	90	⊙	⊙	⊙	⊙	6.9
Darrell, John C.								
CABG without Valve	144	95	239	⊙	⊙	⊙	⊙	5.3
Valve without CABG	14	7	21	NR	NR	NR	NR	NR
Valve with CABG	7	9	16	NR	NR	NR	NR	NR
Total Valve	21	16	37	⊙	⊙	⊙	⊙	7.3
Dasika, Uday K.								
CABG without Valve	31	29	60	⊙	⊙	⊙	⊙	6.1
Valve without CABG	7	5	12	NR	NR	NR	NR	NR
Valve with CABG	13	6	19	NR	NR	NR	NR	NR
Total Valve	20	11	31	⊙	⊙	NR	NR	NR
Davliakos, George P.								
CABG without Valve	108	89	197	⊙	⊙	⊙	⊙	6.5
Valve without CABG	22	23	45	⊙	⊙	⊙	⊙	8.0
Valve with CABG	20	12	32	⊙	⊙	⊙	⊙	10.0
Total Valve	42	35	77	⊙	⊙	⊙	⊙	8.9
Dean, David A.								
CABG without Valve	65	39	104	⊙	⊙	⊙	⊙	8.0
Valve without CABG	12	11	23	NR	NR	NR	NR	NR
Valve with CABG	7	5	12	NR	NR	NR	NR	NR
Total Valve	19	16	35	⊙	⊙	⊙	⊙	9.9
Deshpande, Anil S.								
CABG without Valve	49	31	80	⊙	⊙	⊙	⊙	5.6
Valve without CABG	7	0	7	NR	NR	NR	NR	NR
Valve with CABG	7	0	7	NR	NR	NR	NR	NR
Total Valve	14	0	14	NR	NR	NR	NR	NR

⊙ Lower than expected
⊙ Same as expected
● Higher than expected
NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Devineni, Rajsekhar								
CABG without Valve	105	98	203	⊙	⊙	⊙	⊙	4.7
Valve without CABG	30	25	55	⊙	⊙	⊙	⊙	5.1
Valve with CABG	48	35	83	⊙	⊙	⊙	⊙	6.3
Total Valve	78	60	138	⊙	⊙	⊙	⊙	5.7
DiMarco Jr., Ross F.								
CABG without Valve	121	113	234	⊙	⊙	⊙	⊙	6.2
Valve without CABG	36	24	60	⊙	⊙	⊙	⊙	7.9
Valve with CABG	32	26	58	⊙	⊙	⊙	⊙	10.6
Total Valve	68	50	118	⊙	⊙	⊙	⊙	9.1
DiSesa, Verdi J.								
CABG without Valve	45	46	91	⊙	⊙	⊙	⊙	5.7
Valve without CABG	19	14	33	⊙	⊙	⊙	⊙	6.1
Valve with CABG	17	12	29	NR	NR	NR	NR	NR
Total Valve	36	26	62	⊙	⊙	⊙	⊙	7.0
Diehl, James T.								
CABG without Valve	75	76	151	⊙	⊙	⊙	●	6.7
Valve without CABG	32	47	79	⊙	⊙	⊙	⊙	9.0
Valve with CABG	22	19	41	⊙	NR	NR	NR	10.3
Total Valve	54	66	120	⊙	⊙	●	⊙	9.6
Duhay, Francis G.								
CABG without Valve	0	31	31	⊙	⊙	NR	NR	NR
Valve without CABG	0	4	4	NR	NR	NR	NR	NR
Valve with CABG	0	2	2	NR	NR	NR	NR	NR
Total Valve	0	6	6	NR	NR	NR	NR	NR
Ehrman, Walter								
CABG without Valve	0	2	2	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	0	0	NR	NR	NR	NR	NR
El-Khatib, Hazem N.								
CABG without Valve	109	83	192	⊙	⊙	⊙	⊙	6.2
Valve without CABG	33	16	49	⊙	⊙	⊙	⊙	8.9
Valve with CABG	18	16	34	⊙	⊙	⊙	⊙	9.0
Total Valve	51	32	83	⊙	⊙	⊙	⊙	9.0
Entwistle III, John W.								
CABG without Valve	62	41	103	●	●	⊙	⊙	7.5
Valve without CABG	3	7	10	NR	NR	NR	NR	NR
Valve with CABG	6	7	13	NR	NR	NR	NR	NR
Total Valve	9	14	23	NR	NR	NR	NR	NR

⊙ Lower than expected
⊙ Same as expected
● Higher than expected
NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Esrig, Barry								
CABG without Valve	0	15	15	NR	NR	NR	NR	NR
Valve without CABG	0	7	7	NR	NR	NR	NR	NR
Valve with CABG	0	5	5	NR	NR	NR	NR	NR
Total Valve	0	12	12	NR	NR	NR	NR	NR
Fall, Stephen M.								
CABG without Valve	78	64	142	⊙	⊙	⊙	⊙	5.3
Valve without CABG	8	12	20	NR	NR	NR	NR	NR
Valve with CABG	12	10	22	NR	NR	NR	NR	NR
Total Valve	20	22	42	⊙	⊙	⊙	⊙	6.6
Fazi, Burt								
CABG without Valve	72	78	150	⊙	⊙	⊙	●	5.8
Valve without CABG	13	19	32	⊙	⊙	⊙	⊙	7.6
Valve with CABG	20	8	28	NR	NR	NR	NR	NR
Total Valve	33	27	60	⊙	⊙	●	⊙	8.0
Feaster III, Marshall M.								
CABG without Valve	52	51	103	⊙	⊙	⊙	⊙	6.2
Valve without CABG	8	6	14	NR	NR	NR	NR	NR
Valve with CABG	5	8	13	NR	NR	NR	NR	NR
Total Valve	13	14	27	NR	NR	NR	NR	NR
Ferdinand, Francis D.								
CABG without Valve	95	62	157	⊙	⊙	⊙	⊙	5.5
Valve without CABG	10	15	25	NR	NR	NR	NR	NR
Valve with CABG	20	15	35	⊙	⊙	⊙	⊙	7.4
Total Valve	30	30	60	⊙	⊙	⊙	⊙	6.7
Fitzgibbon, Leo D.								
CABG without Valve	106	62	168	⊙	⊙	⊙	⊙	5.7
Valve without CABG	14	46	60	⊙	●	⊙	⊙	7.0
Valve with CABG	14	34	48	⊙	⊙	⊙	●	7.9
Total Valve	28	80	108	⊙	●	⊙	⊙	7.4
Fulton, Jeffrey A.								
CABG without Valve	38	9	47	⊙	⊙	⊙	⊙	7.3
Valve without CABG	5	0	5	NR	NR	NR	NR	NR
Valve with CABG	15	0	15	NR	NR	NR	NR	NR
Total Valve	20	0	20	NR	NR	NR	NR	NR
Furukawa, Satoshi								
CABG without Valve	37	50	87	⊙	⊙	⊙	⊙	6.5
Valve without CABG	15	11	26	NR	NR	NR	NR	NR
Valve with CABG	8	16	24	NR	NR	NR	NR	NR
Total Valve	23	27	50	●	●	⊙	⊙	9.6

⊙ Lower than expected
 ⊙ Same as expected
 ● Higher than expected
 NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Garrido, Mauricio								
CABG without Valve	0	61	61	⊙	⊙	⊙	⊙	6.5
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	3	3	NR	NR	NR	NR	NR
Total Valve	0	3	3	NR	NR	NR	NR	NR
Garzia, Fernando M.								
CABG without Valve	65	0	65	⊙	⊙	⊙	⊙	3.2
Valve without CABG	28	0	28	NR	NR	NR	NR	NR
Valve with CABG	28	0	28	NR	NR	NR	NR	NR
Total Valve	56	0	56	⊙	⊙	●	⊙	4.6
Ghalili, Kourosh								
CABG without Valve	0	3	3	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	0	0	NR	NR	NR	NR	NR
Gleason, Thomas G.								
CABG without Valve	1	57	58	⊙	⊙	⊙	⊙	6.3
Valve without CABG	0	20	20	NR	NR	NR	NR	NR
Valve with CABG	0	26	26	NR	NR	NR	NR	NR
Total Valve	0	46	46	⊙	⊙	⊙	⊙	8.9
Goldberg, Aron T.								
CABG without Valve	189	157	346	⊙	⊙	⊙	⊙	5.2
Valve without CABG	6	5	11	NR	NR	NR	NR	NR
Valve with CABG	8	16	24	NR	NR	NR	NR	NR
Total Valve	14	21	35	⊙	NR	NR	NR	6.2
Goldman, Scott M.								
CABG without Valve	24	10	34	⊙	⊙	⊙	⊙	5.9
Valve without CABG	111	100	211	⊙	⊙	⊙	⊙	5.9
Valve with CABG	40	22	62	⊙	⊙	⊙	⊙	8.7
Total Valve	151	122	273	⊙	⊙	⊙	⊙	6.7
Grunewald, Karl E.								
CABG without Valve	132	124	256	⊙	⊙	⊙	⊙	5.9
Valve without CABG	21	15	36	⊙	⊙	⊙	⊙	6.9
Valve with CABG	17	10	27	NR	NR	NR	NR	NR
Total Valve	38	25	63	⊙	⊙	⊙	⊙	7.6
Guerraty, Albert J.								
CABG without Valve	75	103	178	⊙	⊙	⊙	●	5.5
Valve without CABG	14	13	27	NR	NR	NR	NR	NR
Valve with CABG	10	11	21	NR	NR	NR	NR	NR
Total Valve	24	24	48	⊙	⊙	⊙	●	7.4

⊙ Lower than expected
⊙ Same as expected
● Higher than expected
NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Gurbuz, Tayfun								
CABG without Valve	0	13	13	NR	NR	NR	NR	NR
Valve without CABG	0	3	3	NR	NR	NR	NR	NR
Valve with CABG	0	2	2	NR	NR	NR	NR	NR
Total Valve	0	5	5	NR	NR	NR	NR	NR
Hargrove III, W. Clark								
CABG without Valve	56	46	102	○	○	○	○	6.7
Valve without CABG	123	114	237	○	○	○	○	7.5
Valve with CABG	47	46	93	○	NR	NR	NR	9.7
Total Valve	170	160	330	○	○	○	○	8.3
Harostock, Michael								
CABG without Valve	138	211	349	○	○	○	○	5.3
Valve without CABG	25	15	40	○	○	○	○	6.3
Valve with CABG	29	35	64	●	●	○	○	7.1
Total Valve	54	50	104	●	●	○	○	6.6
Hattler, Brack G.								
CABG without Valve	0	0	0	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	1	0	1	NR	NR	NR	NR	NR
Total Valve	1	0	1	NR	NR	NR	NR	NR
Haupt, Hans M.								
CABG without Valve	64	63	127	○	○	○	○	6.3
Valve without CABG	9	6	15	NR	NR	NR	NR	NR
Valve with CABG	3	6	9	NR	NR	NR	NR	NR
Total Valve	12	12	24	NR	NR	NR	NR	NR
Haybron, David M.								
CABG without Valve	113	106	219	○	○	○	○	6.1
Valve without CABG	37	28	65	○	○	○	○	6.7
Valve with CABG	32	30	62	○	○	○	○	8.4
Total Valve	69	58	127	○	○	○	○	7.4
Henry, Scott E.								
CABG without Valve	0	5	5	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	0	0	NR	NR	NR	NR	NR
Herlan, David B.								
CABG without Valve	6	2	8	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	0	0	NR	NR	NR	NR	NR

○ Lower than expected ○ Same as expected ● Higher than expected NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Hetzler, Norman A.								
CABG without Valve	68	68	136	⊙	⊙	⊙	⊙	5.6
Valve without CABG	12	15	27	NR	NR	NR	NR	NR
Valve with CABG	18	15	33	⊙	⊙	NR	NR	NR
Total Valve	30	30	60	⊙	⊙	⊙	⊙	6.1
Highbloom, Richard Y.								
CABG without Valve	51	39	90	●	⊙	⊙	⊙	5.1
Valve without CABG	9	4	13	NR	NR	NR	NR	NR
Valve with CABG	10	4	14	NR	NR	NR	NR	NR
Total Valve	19	8	27	NR	NR	NR	NR	NR
Holland, Fred W.								
CABG without Valve	161	38	199	⊙	⊙	⊙	⊙	4.9
Valve without CABG	45	10	55	⊙	⊙	⊙	⊙	6.2
Valve with CABG	52	16	68	⊙	⊙	⊙	⊙	7.0
Total Valve	97	26	123	⊙	⊙	⊙	⊙	6.5
Jacoby, Douglas								
CABG without Valve	1	0	1	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	0	0	NR	NR	NR	NR	NR
Kolla, Srinivas								
CABG without Valve	59	0	59	⊙	⊙	⊙	●	6.7
Valve without CABG	4	0	4	NR	NR	NR	NR	NR
Valve with CABG	13	0	13	NR	NR	NR	NR	NR
Total Valve	17	0	17	NR	NR	NR	NR	NR
Kormos, Robert L.								
CABG without Valve	1	0	1	NR	NR	NR	NR	NR
Valve without CABG	2	1	3	NR	NR	NR	NR	NR
Valve with CABG	0	1	1	NR	NR	NR	NR	NR
Total Valve	2	2	4	NR	NR	NR	NR	NR
Kuretu, M.L. Ray								
CABG without Valve	41	37	78	●	⊙	⊙	⊙	6.2
Valve without CABG	4	7	11	NR	NR	NR	NR	NR
Valve with CABG	2	1	3	NR	NR	NR	NR	NR
Total Valve	6	8	14	NR	NR	NR	NR	NR
Lazar, Michael J.								
CABG without Valve	63	82	145	●	●	⊙	⊙	5.8
Valve without CABG	6	6	12	NR	NR	NR	NR	NR
Valve with CABG	8	13	21	NR	NR	NR	NR	NR
Total Valve	14	19	33	⊙	⊙	⊙	⊙	7.9

⊙ Lower than expected

⊙ Same as expected

● Higher than expected

NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
LeBoutillier III, Martin								
CABG without Valve	51	49	100	⊙	⊙	⊙	⊙	5.7
Valve without CABG	11	9	20	NR	NR	NR	NR	NR
Valve with CABG	8	10	18	NR	NR	NR	NR	NR
Total Valve	19	19	38	⊙	⊙	⊙	●	7.9
Lerberg, David								
CABG without Valve	14	0	14	NR	NR	NR	NR	NR
Valve without CABG	3	0	3	NR	NR	NR	NR	NR
Valve with CABG	4	0	4	NR	NR	NR	NR	NR
Total Valve	7	0	7	NR	NR	NR	NR	NR
Lico, Serrie C.								
CABG without Valve	107	99	206	⊙	⊙	⊙	⊙	4.7
Valve without CABG	12	16	28	NR	NR	NR	NR	NR
Valve with CABG	19	19	38	⊙	⊙	⊙	⊙	7.0
Total Valve	31	35	66	⊙	⊙	⊙	⊙	6.9
Lima, Claudio A. B.								
CABG without Valve	128	155	283	⊙	⊙	⊙	⊙	6.7
Valve without CABG	25	20	45	⊙	⊙	⊙	⊙	8.4
Valve with CABG	34	38	72	⊙	⊙	●	⊙	8.6
Total Valve	59	58	117	⊙	⊙	●	⊙	8.4
Lincoln, Stephen D.								
CABG without Valve	8	0	8	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	0	0	NR	NR	NR	NR	NR
Lolley, David M.								
CABG without Valve	2	0	2	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	2	0	2	NR	NR	NR	NR	NR
Total Valve	2	0	2	NR	NR	NR	NR	NR
Lomago, Dean F.								
CABG without Valve	1	0	1	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	0	0	NR	NR	NR	NR	NR
Lundy, Edward F.								
CABG without Valve	96	0	96	⊙	⊙	⊙	⊙	6.2
Valve without CABG	39	0	39	⊙	⊙	⊙	⊙	7.0
Valve with CABG	19	0	19	NR	NR	NR	NR	NR
Total Valve	58	0	58	⊙	⊙	⊙	⊙	7.5

⊙ Lower than expected
 ⊙ Same as expected
 ● Higher than expected
 NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Macha, Mahender								
CABG without Valve	13	16	29	NR	NR	NR	NR	NR
Valve without CABG	3	1	4	NR	NR	NR	NR	NR
Valve with CABG	2	1	3	NR	NR	NR	NR	NR
Total Valve	5	2	7	NR	NR	NR	NR	NR
Machiraju, Venkata R.								
CABG without Valve	142	132	274	⊙	⊙	⊙	⊙	6.7
Valve without CABG	54	63	117	⊙	⊙	⊙	⊙	7.9
Valve with CABG	92	75	167	⊙	⊙	⊙	⊙	8.8
Total Valve	146	138	284	⊙	⊙	⊙	⊙	8.2
Magovern Jr., George J.								
CABG without Valve	36	26	62	⊙	⊙	⊙	⊙	7.8
Valve without CABG	47	54	101	⊙	⊙	⊙	⊙	9.3
Valve with CABG	16	13	29	NR	NR	NR	NR	NR
Total Valve	63	67	130	⊙	⊙	⊙	⊙	9.9
Maher, Thomas								
CABG without Valve	85	60	145	⊙	⊙	⊙	⊙	7.0
Valve without CABG	28	27	55	⊙	⊙	⊙	⊙	8.4
Valve with CABG	14	16	30	⊙	NR	NR	NR	NR
Total Valve	42	43	85	⊙	⊙	⊙	⊙	9.0
Marbey, Mark								
CABG without Valve	0	22	22	NR	NR	NR	NR	NR
Valve without CABG	0	5	5	NR	NR	NR	NR	NR
Valve with CABG	0	3	3	NR	NR	NR	NR	NR
Total Valve	0	8	8	NR	NR	NR	NR	NR
Marelli, Daniel								
CABG without Valve	16	0	16	NR	NR	NR	NR	NR
Valve without CABG	7	0	7	NR	NR	NR	NR	NR
Valve with CABG	2	0	2	NR	NR	NR	NR	NR
Total Valve	9	0	9	NR	NR	NR	NR	NR
Marra, Steven								
CABG without Valve	14	0	14	NR	NR	NR	NR	NR
Valve without CABG	1	0	1	NR	NR	NR	NR	NR
Valve with CABG	3	0	3	NR	NR	NR	NR	NR
Total Valve	4	0	4	NR	NR	NR	NR	NR
Marrone, Gary C.								
CABG without Valve	0	13	13	NR	NR	NR	NR	NR
Valve without CABG	1	2	3	NR	NR	NR	NR	NR
Valve with CABG	0	2	2	NR	NR	NR	NR	NR
Total Valve	1	4	5	NR	NR	NR	NR	NR

⊙ Lower than expected
⊙ Same as expected
● Higher than expected
NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Martella, Arthur T.								
CABG without Valve	73	62	135	⊙	⊙	⊙	⊙	6.1
Valve without CABG	3	5	8	NR	NR	NR	NR	NR
Valve with CABG	9	7	16	NR	NR	NR	NR	NR
Total Valve	12	12	24	NR	NR	NR	NR	NR
Masroor, Saqib								
CABG without Valve	5	0	5	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	0	0	NR	NR	NR	NR	NR
Mavridis, Savas								
CABG without Valve	76	82	158	⊙	⊙	⊙	⊙	4.9
Valve without CABG	14	19	33	⊙	⊙	⊙	⊙	6.1
Valve with CABG	25	24	49	⊙	⊙	⊙	⊙	6.7
Total Valve	39	43	82	⊙	⊙	⊙	⊙	6.3
McCarty, Christine M.								
CABG without Valve	162	164	326	⊙	⊙	⊙	⊙	5.3
Valve without CABG	20	16	36	⊙	⊙	⊙	⊙	6.4
Valve with CABG	16	18	34	⊙	⊙	⊙	⊙	8.4
Total Valve	36	34	70	⊙	⊙	⊙	⊙	7.3
McClurken, James B.								
CABG without Valve	26	47	73	⊙	⊙	⊙	⊙	5.6
Valve without CABG	15	16	31	⊙	NR	NR	NR	7.5
Valve with CABG	11	12	23	NR	NR	NR	NR	NR
Total Valve	26	28	54	⊙	⊙	⊙	⊙	9.3
McCurry, Kenneth R.								
CABG without Valve	32	29	61	⊙	⊙	⊙	⊙	7.6
Valve without CABG	6	12	18	NR	NR	NR	NR	NR
Valve with CABG	6	8	14	NR	NR	NR	NR	NR
Total Valve	12	20	32	⊙	●	NR	NR	NR
McDonnell, Bryan E.								
CABG without Valve	62	0	62	⊙	⊙	⊙	⊙	5.4
Valve without CABG	4	0	4	NR	NR	NR	NR	NR
Valve with CABG	16	0	16	NR	NR	NR	NR	NR
Total Valve	20	0	20	NR	NR	NR	NR	NR
McGary, Suzan A.								
CABG without Valve	85	7	92	⊙	●	●	⊙	5.4
Valve without CABG	15	4	19	NR	NR	NR	NR	NR
Valve with CABG	15	5	20	NR	NR	NR	NR	NR
Total Valve	30	9	39	⊙	⊙	⊙	⊙	7.5

⊙ Lower than expected

⊙ Same as expected

● Higher than expected

NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Mehta, Sanjay M.								
CABG without Valve	34	60	94	⊙	⊙	⊙	⊙	4.9
Valve without CABG	11	9	20	NR	NR	NR	NR	NR
Valve with CABG	18	16	34	⊙	⊙	⊙	⊙	7.2
Total Valve	29	25	54	⊙	⊙	⊙	⊙	6.4
Metcalfe, Randy K.								
CABG without Valve	134	130	264	●	●	●	●	7.3
Valve without CABG	9	11	20	NR	NR	NR	NR	NR
Valve with CABG	21	27	48	⊙	⊙	●	●	11.2
Total Valve	30	38	68	⊙	⊙	⊙	⊙	9.5
Midgley, Frank M.								
CABG without Valve	0	0	0	NR	NR	NR	NR	NR
Valve without CABG	1	0	1	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	1	0	1	NR	NR	NR	NR	NR
Morell, Victor								
CABG without Valve	0	0	0	NR	NR	NR	NR	NR
Valve without CABG	0	1	1	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	1	1	NR	NR	NR	NR	NR
Morris, Rohinton J.								
CABG without Valve	122	131	253	⊙	⊙	⊙	⊙	6.6
Valve without CABG	49	35	84	⊙	⊙	⊙	●	7.3
Valve with CABG	38	44	82	⊙	⊙	⊙	⊙	8.4
Total Valve	87	79	166	⊙	⊙	⊙	⊙	7.8
Mott, Brian D.								
CABG without Valve	75	79	154	⊙	⊙	⊙	○	5.2
Valve without CABG	12	4	16	NR	NR	NR	NR	NR
Valve with CABG	10	15	25	NR	NR	NR	NR	NR
Total Valve	22	19	41	⊙	⊙	⊙	○	6.5
Mumtaz, Mubashir								
CABG without Valve	107	63	170	⊙	⊙	⊙	⊙	5.0
Valve without CABG	52	69	121	⊙	⊙	⊙	⊙	6.4
Valve with CABG	51	50	101	⊙	⊙	⊙	⊙	7.4
Total Valve	103	119	222	⊙	⊙	⊙	⊙	6.8
Myers, John L.								
CABG without Valve	0	1	1	NR	NR	NR	NR	NR
Valve without CABG	7	3	10	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	7	3	10	NR	NR	NR	NR	NR

○ Lower than expected ⊙ Same as expected ● Higher than expected NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Navid, Forozan								
CABG without Valve	98	66	164	⊙	⊙	⊙	⊙	6.7
Valve without CABG	20	13	33	⊙	⊙	NR	NR	7.2
Valve with CABG	23	17	40	⊙	⊙	⊙	⊙	9.7
Total Valve	43	30	73	⊙	⊙	⊙	⊙	8.4
Nixon, Todd E.								
CABG without Valve	92	93	185	⊙	⊙	●	●	5.1
Valve without CABG	21	33	54	⊙	⊙	⊙	⊙	6.2
Valve with CABG	27	16	43	⊙	●	NR	NR	8.3
Total Valve	48	49	97	●	●	⊙	⊙	7.1
Nutting, Ron D.								
CABG without Valve	69	38	107	⊙	⊙	⊙	⊙	5.5
Valve without CABG	13	10	23	NR	NR	NR	NR	NR
Valve with CABG	4	11	15	NR	NR	NR	NR	NR
Total Valve	17	21	38	⊙	⊙	⊙	⊙	7.1
Olivas, Terry P.								
CABG without Valve	2	0	2	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	0	0	NR	NR	NR	NR	NR
Osevala, Mark A.								
CABG without Valve	186	155	341	⊙	⊙	⊙	⊙	5.0
Valve without CABG	12	9	21	NR	NR	NR	NR	NR
Valve with CABG	15	12	27	NR	NR	NR	NR	NR
Total Valve	27	21	48	⊙	⊙	⊙	⊙	7.4
Osman, Ashraf								
CABG without Valve	10	33	43	⊙	⊙	⊙	⊙	5.9
Valve without CABG	2	7	9	NR	NR	NR	NR	NR
Valve with CABG	0	5	5	NR	NR	NR	NR	NR
Total Valve	2	12	14	NR	NR	NR	NR	NR
Ovadia, Philip								
CABG without Valve	18	78	96	⊙	●	●	●	6.4
Valve without CABG	1	10	11	NR	NR	NR	NR	NR
Valve with CABG	1	15	16	NR	NR	NR	NR	NR
Total Valve	2	25	27	NR	NR	NR	NR	NR
Pae, Walter E.								
CABG without Valve	15	14	29	NR	NR	NR	NR	NR
Valve without CABG	38	49	87	⊙	⊙	⊙	⊙	6.6
Valve with CABG	23	15	38	⊙	⊙	⊙	⊙	7.3
Total Valve	61	64	125	⊙	⊙	⊙	⊙	6.9

○ Lower than expected
 ⊙ Same as expected
 ● Higher than expected
 NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Panebianco, Antonio C.								
CABG without Valve	29	1	30	⊙	NR	NR	NR	6.5
Valve without CABG	10	1	11	NR	NR	NR	NR	NR
Valve with CABG	9	0	9	NR	NR	NR	NR	NR
Total Valve	19	1	20	NR	NR	NR	NR	NR
Park, Chong S.								
CABG without Valve	46	52	98	⊙	⊙	⊙	⊙	6.4
Valve without CABG	2	8	10	NR	NR	NR	NR	NR
Valve with CABG	10	10	20	NR	NR	NR	NR	NR
Total Valve	12	18	30	⊙	NR	NR	NR	NR
Park, Kyung S.								
CABG without Valve	64	75	139	⊙	⊙	⊙	⊙	6.0
Valve without CABG	9	6	15	NR	NR	NR	NR	NR
Valve with CABG	27	20	47	⊙	⊙	⊙	⊙	8.1
Total Valve	36	26	62	⊙	⊙	⊙	⊙	7.4
Park, Sang B.								
CABG without Valve	38	26	64	⊙	⊙	⊙	⊙	6.4
Valve without CABG	18	16	34	⊙	⊙	⊙	●	7.7
Valve with CABG	24	19	43	⊙	⊙	⊙	⊙	8.8
Total Valve	42	35	77	⊙	⊙	⊙	⊙	8.2
Park, Sung J.								
CABG without Valve	125	123	248	●	●	⊙	⊙	5.1
Valve without CABG	6	4	10	NR	NR	NR	NR	NR
Valve with CABG	10	18	28	NR	NR	NR	NR	NR
Total Valve	16	22	38	⊙	⊙	⊙	⊙	8.1
Patel, Amit								
CABG without Valve	37	18	55	⊙	⊙	●	●	6.8
Valve without CABG	0	1	1	NR	NR	NR	NR	NR
Valve with CABG	5	2	7	NR	NR	NR	NR	NR
Total Valve	5	3	8	NR	NR	NR	NR	NR
Payne, Maryann								
CABG without Valve	45	8	53	⊙	⊙	⊙	⊙	6.0
Valve without CABG	1	0	1	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	1	0	1	NR	NR	NR	NR	NR
Pellegrini, Daniel P.								
CABG without Valve	79	47	126	⊙	⊙	⊙	⊙	6.5
Valve without CABG	30	14	44	⊙	⊙	⊙	⊙	7.6
Valve with CABG	24	13	37	⊙	⊙	⊙	⊙	9.0
Total Valve	54	27	81	⊙	⊙	⊙	⊙	8.2

⊙ Lower than expected
⊙ Same as expected
● Higher than expected
NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Pellegrini, Ronald V.								
CABG without Valve	162	125	287	⊙	⊙	⊙	⊙	6.8
Valve without CABG	76	79	155	⊙	⊙	⊙	⊙	8.4
Valve with CABG	62	64	126	⊙	⊙	⊙	⊙	8.7
Total Valve	138	143	281	⊙	⊙	⊙	⊙	8.6
Pennock, John L.								
CABG without Valve	121	89	210	⊙	⊙	⊙	⊙	5.8
Valve without CABG	19	8	27	NR	NR	NR	NR	NR
Valve with CABG	21	13	34	⊙	⊙	⊙	⊙	8.1
Total Valve	40	21	61	⊙	⊙	⊙	⊙	7.6
Pett, Stephen D.								
CABG without Valve	35	0	35	⊙	NR	NR	NR	7.2
Valve without CABG	29	0	29	NR	NR	NR	NR	NR
Valve with CABG	19	0	19	NR	NR	NR	NR	NR
Total Valve	48	0	48	⊙	⊙	NR	NR	8.3
Phillips, Theodore G.								
CABG without Valve	162	146	308	⊙	⊙	⊙	⊙	4.5
Valve without CABG	7	11	18	NR	NR	NR	NR	NR
Valve with CABG	9	4	13	NR	NR	NR	NR	NR
Total Valve	16	15	31	⊙	⊙	⊙	⊙	5.3
Pierce, Alice M.								
CABG without Valve	91	102	193	⊙	⊙	⊙	⊙	6.4
Valve without CABG	1	4	5	NR	NR	NR	NR	NR
Valve with CABG	14	10	24	NR	NR	NR	NR	NR
Total Valve	15	14	29	NR	NR	NR	NR	NR
Piluiko, Vitaly V.								
CABG without Valve	3	0	3	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	0	0	NR	NR	NR	NR	NR
Pochettino, Alberto								
CABG without Valve	20	29	49	⊙	⊙	⊙	⊙	7.1
Valve without CABG	17	24	41	⊙	NR	NR	NR	8.3
Valve with CABG	14	18	32	⊙	NR	NR	NR	NR
Total Valve	31	42	73	⊙	⊙	⊙	⊙	8.5
Pourmoghadam, Kamal K.								
CABG without Valve	0	0	0	NR	NR	NR	NR	NR
Valve without CABG	1	0	1	NR	NR	NR	NR	NR
Valve with CABG	1	0	1	NR	NR	NR	NR	NR
Total Valve	2	0	2	NR	NR	NR	NR	NR

○ Lower than expected
 ⊙ Same as expected
 ● Higher than expected
 NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Priest, Brian P.								
CABG without Valve	37	2	39	⊙	⊙	⊙	⊙	5.6
Valve without CABG	21	0	21	NR	NR	NR	NR	NR
Valve with CABG	15	2	17	NR	NR	NR	NR	NR
Total Valve	36	2	38	⊙	⊙	⊙	⊙	7.2
Pym, John								
CABG without Valve	22	48	70	⊙	⊙	⊙	●	5.8
Valve without CABG	1	4	5	NR	NR	NR	NR	NR
Valve with CABG	1	3	4	NR	NR	NR	NR	NR
Total Valve	2	7	9	NR	NR	NR	NR	NR
Quigley, Robert L.								
CABG without Valve	83	29	112	⊙	⊙	⊙	⊙	6.3
Valve without CABG	11	3	14	NR	NR	NR	NR	NR
Valve with CABG	6	2	8	NR	NR	NR	NR	NR
Total Valve	17	5	22	NR	NR	NR	NR	NR
Reitknecht, Felice L.								
CABG without Valve	82	120	202	⊙	⊙	⊙	⊙	5.3
Valve without CABG	29	50	79	⊙	⊙	⊙	⊙	6.3
Valve with CABG	18	34	52	⊙	⊙	⊙	⊙	7.1
Total Valve	47	84	131	⊙	⊙	⊙	⊙	6.7
Rice, Philip L.								
CABG without Valve	0	1	1	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	0	0	NR	NR	NR	NR	NR
Risher, William H.								
CABG without Valve	108	88	196	⊙	⊙	⊙	⊙	7.2
Valve without CABG	32	21	53	⊙	⊙	⊙	⊙	7.6
Valve with CABG	30	25	55	⊙	●	⊙	⊙	10.4
Total Valve	62	46	108	⊙	⊙	⊙	⊙	8.7
Sadr, Farrokh S.								
CABG without Valve	28	15	43	⊙	⊙	⊙	⊙	5.4
Valve without CABG	7	6	13	NR	NR	NR	NR	NR
Valve with CABG	4	4	8	NR	NR	NR	NR	NR
Total Valve	11	10	21	NR	NR	NR	NR	NR
Samuels, Louis E.								
CABG without Valve	53	63	116	⊙	⊙	⊙	⊙	5.5
Valve without CABG	5	2	7	NR	NR	NR	NR	NR
Valve with CABG	12	14	26	NR	NR	NR	NR	NR
Total Valve	17	16	33	⊙	⊙	⊙	⊙	6.9

⊙ Lower than expected

⊙ Same as expected

● Higher than expected

NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Scott, William C.								
CABG without Valve	0	9	9	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	1	1	NR	NR	NR	NR	NR
Total Valve	0	1	1	NR	NR	NR	NR	NR
Seibel, P. Scott								
CABG without Valve	55	25	80	⊙	⊙	⊙	⊙	5.9
Valve without CABG	8	7	15	NR	NR	NR	NR	NR
Valve with CABG	11	6	17	NR	NR	NR	NR	NR
Total Valve	19	13	32	⊙	⊙	NR	NR	NR
Shariff, Haji M.								
CABG without Valve	76	57	133	⊙	⊙	⊙	⊙	5.6
Valve without CABG	6	10	16	NR	NR	NR	NR	NR
Valve with CABG	13	19	32	⊙	NR	NR	NR	NR
Total Valve	19	29	48	⊙	⊙	⊙	⊙	8.0
Shears II, Larry								
CABG without Valve	305	183	488	⊙	⊙	⊙	⊙	5.9
Valve without CABG	72	56	128	⊙	⊙	⊙	⊙	7.7
Valve with CABG	65	69	134	⊙	⊙	⊙	⊙	8.7
Total Valve	137	125	262	⊙	⊙	⊙	⊙	8.1
Siegenthaler, Michael								
CABG without Valve	0	7	7	NR	NR	NR	NR	NR
Valve without CABG	0	5	5	NR	NR	NR	NR	NR
Valve with CABG	0	3	3	NR	NR	NR	NR	NR
Total Valve	0	8	8	NR	NR	NR	NR	NR
Silvestry, Scott C.								
CABG without Valve	45	74	119	⊙	⊙	⊙	●	7.0
Valve without CABG	8	11	19	NR	NR	NR	NR	NR
Valve with CABG	5	15	20	NR	NR	NR	NR	NR
Total Valve	13	26	39	⊙	⊙	NR	NR	10.7
Simonetti, Vince								
CABG without Valve	32	32	64	⊙	⊙	⊙	⊙	6.9
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	0	0	NR	NR	NR	NR	NR
Sinclair, Michael C.								
CABG without Valve	16	7	23	NR	NR	NR	NR	NR
Valve without CABG	2	1	3	NR	NR	NR	NR	NR
Valve with CABG	6	0	6	NR	NR	NR	NR	NR
Total Valve	8	1	9	NR	NR	NR	NR	NR

○ Lower than expected

⊙ Same as expected

● Higher than expected

NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Singer, Raymond L.								
CABG without Valve	48	48	96	⊙	⊙	⊙	⊙	4.6
Valve without CABG	46	53	99	⊙	⊙	⊙	⊙	5.8
Valve with CABG	27	34	61	⊙	⊙	⊙	⊙	6.0
Total Valve	73	87	160	⊙	⊙	⊙	⊙	5.9
Singh, Deepak								
CABG without Valve	40	43	83	⊙	⊙	⊙	⊙	5.5
Valve without CABG	5	6	11	NR	NR	NR	NR	NR
Valve with CABG	7	9	16	NR	NR	NR	NR	NR
Total Valve	12	15	27	NR	NR	NR	NR	NR
Sortino, Antonio								
CABG without Valve	99	78	177	⊙	⊙	⊙	⊙	5.4
Valve without CABG	41	41	82	⊙	⊙	●	●	7.7
Valve with CABG	33	26	59	⊙	⊙	●	●	9.2
Total Valve	74	67	141	⊙	⊙	●	●	8.4
Speziali, Giovanni								
CABG without Valve	9	13	22	NR	NR	NR	NR	NR
Valve without CABG	0	1	1	NR	NR	NR	NR	NR
Valve with CABG	0	3	3	NR	NR	NR	NR	NR
Total Valve	0	4	4	NR	NR	NR	NR	NR
Stahl, Russell								
CABG without Valve	95	69	164	⊙	⊙	⊙	⊙	5.9
Valve without CABG	17	27	44	⊙	⊙	⊙	⊙	7.5
Valve with CABG	17	21	38	⊙	⊙	⊙	⊙	7.5
Total Valve	34	48	82	⊙	⊙	⊙	⊙	7.5
Steinberg, Jay								
CABG without Valve	0	6	6	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	0	0	NR	NR	NR	NR	NR
Stella, Joseph								
CABG without Valve	79	54	133	⊙	⊙	⊙	⊙	5.1
Valve without CABG	10	14	24	NR	NR	NR	NR	NR
Valve with CABG	13	13	26	NR	NR	NR	NR	NR
Total Valve	23	27	50	⊙	⊙	⊙	⊙	6.1
Stephenson, Edward R.								
CABG without Valve	63	67	130	⊙	⊙	⊙	●	5.4
Valve without CABG	7	19	26	NR	NR	NR	NR	NR
Valve with CABG	9	12	21	NR	NR	NR	NR	NR
Total Valve	16	31	47	⊙	⊙	⊙	⊙	7.5

⊙ Lower than expected
⊙ Same as expected
● Higher than expected
NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Stivala, Charles								
CABG without Valve	27	49	76	⊙	⊙	⊙	⊙	6.4
Valve without CABG	1	5	6	NR	NR	NR	NR	NR
Valve with CABG	0	1	1	NR	NR	NR	NR	NR
Total Valve	1	6	7	NR	NR	NR	NR	NR
Strong III, Michael D.								
CABG without Valve	104	70	174	●	●	⊙	⊙	8.1
Valve without CABG	13	10	23	NR	NR	NR	NR	NR
Valve with CABG	20	6	26	NR	NR	NR	NR	NR
Total Valve	33	16	49	●	⊙	NR	NR	11.1
Strzalka, Christopher T.								
CABG without Valve	147	136	283	⊙	⊙	⊙	⊙	5.0
Valve without CABG	6	5	11	NR	NR	NR	NR	NR
Valve with CABG	9	11	20	NR	NR	NR	NR	NR
Total Valve	15	16	31	⊙	NR	NR	NR	6.6
Sullivan, Lawrence X.								
CABG without Valve	91	91	182	⊙	⊙	⊙	⊙	6.3
Valve without CABG	10	13	23	NR	NR	NR	NR	NR
Valve with CABG	16	18	34	⊙	⊙	NR	NR	10.0
Total Valve	26	31	57	⊙	⊙	⊙	⊙	8.8
Sutter, Francis P.								
CABG without Valve	167	179	346	⊙	⊙	⊙	⊙	5.0
Valve without CABG	11	6	17	NR	NR	NR	NR	NR
Valve with CABG	21	13	34	⊙	⊙	⊙	⊙	8.1
Total Valve	32	19	51	⊙	⊙	⊙	⊙	7.6
Suzuki, Mark Masaru								
CABG without Valve	191	182	373	●	●	⊙	⊙	5.8
Valve without CABG	22	25	47	⊙	⊙	⊙	⊙	6.4
Valve with CABG	40	41	81	⊙	⊙	⊙	⊙	7.9
Total Valve	62	66	128	⊙	⊙	⊙	⊙	7.1
Szeto, Wilson Y.								
CABG without Valve	24	59	83	⊙	NR	NR	NR	7.3
Valve without CABG	9	24	33	⊙	NR	NR	NR	8.1
Valve with CABG	7	29	36	⊙	NR	NR	NR	10.1
Total Valve	16	53	69	⊙	NR	NR	NR	9.0
Szwerc, Michael F.								
CABG without Valve	39	55	94	⊙	⊙	⊙	⊙	4.4
Valve without CABG	2	5	7	NR	NR	NR	NR	NR
Valve with CABG	5	11	16	NR	NR	NR	NR	NR
Total Valve	7	16	23	NR	NR	NR	NR	NR

⊙ Lower than expected
⊙ Same as expected
● Higher than expected
NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Szydlowski, Gary W.								
CABG without Valve	96	70	166	⊙	⊙	⊙	⊙	4.9
Valve without CABG	19	25	44	⊙	⊙	⊙	⊙	5.4
Valve with CABG	23	17	40	⊙	⊙	⊙	⊙	6.5
Total Valve	42	42	84	⊙	⊙	⊙	⊙	5.9
Takara, James								
CABG without Valve	29	121	150	⊙	⊙	⊙	⊙	5.0
Valve without CABG	0	10	10	NR	NR	NR	NR	NR
Valve with CABG	0	13	13	NR	NR	NR	NR	NR
Total Valve	0	23	23	NR	NR	NR	NR	NR
Taylor, Bradley S.								
CABG without Valve	23	89	112	⊙	⊙	⊙	●	6.8
Valve without CABG	4	26	30	⊙	⊙	⊙	⊙	8.0
Valve with CABG	7	23	30	●	NR	NR	NR	NR
Total Valve	11	49	60	⊙	⊙	⊙	⊙	10.4
Thakur, Navin S.								
CABG without Valve	0	2	2	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	1	1	NR	NR	NR	NR	NR
Total Valve	0	1	1	NR	NR	NR	NR	NR
Theman, Terrill								
CABG without Valve	74	54	128	⊙	⊙	⊙	⊙	6.3
Valve without CABG	20	21	41	⊙	⊙	⊙	⊙	8.7
Valve with CABG	11	10	21	NR	NR	NR	NR	NR
Total Valve	31	31	62	⊙	⊙	⊙	⊙	9.3
Tobin, Hugh M.								
CABG without Valve	2	6	8	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	1	1	NR	NR	NR	NR	NR
Total Valve	0	1	1	NR	NR	NR	NR	NR
Toyoda, Yoshiya								
CABG without Valve	5	8	13	NR	NR	NR	NR	NR
Valve without CABG	2	1	3	NR	NR	NR	NR	NR
Valve with CABG	1	3	4	NR	NR	NR	NR	NR
Total Valve	3	4	7	NR	NR	NR	NR	NR
Vasilakis, Alexander								
CABG without Valve	104	91	195	⊙	⊙	⊙	⊙	6.0
Valve without CABG	22	20	42	⊙	⊙	⊙	●	6.9
Valve with CABG	21	15	36	⊙	⊙	⊙	⊙	8.4
Total Valve	43	35	78	⊙	⊙	⊙	●	7.6

⊙ Lower than expected
⊙ Same as expected
● Higher than expected
NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Vasseur, Bernard G.								
CABG without Valve	38	37	75	⊙	⊙	⊙	⊙	6.1
Valve without CABG	9	7	16	NR	NR	NR	NR	NR
Valve with CABG	13	6	19	NR	NR	NR	NR	NR
Total Valve	22	13	35	⊙	⊙	⊙	⊙	6.8
Von Koch, Lear								
CABG without Valve	98	79	177	⊙	⊙	⊙	⊙	6.1
Valve without CABG	33	35	68	⊙	⊙	⊙	⊙	6.7
Valve with CABG	27	32	59	⊙	⊙	⊙	⊙	7.0
Total Valve	60	67	127	⊙	⊙	⊙	⊙	6.8
Waciuma, John								
CABG without Valve	0	5	5	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	1	1	NR	NR	NR	NR	NR
Total Valve	0	1	1	NR	NR	NR	NR	NR
Watson, John W.								
CABG without Valve	2	0	2	NR	NR	NR	NR	NR
Valve without CABG	1	0	1	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	1	0	1	NR	NR	NR	NR	NR
Wechsler, Andrew S.								
CABG without Valve	11	12	23	NR	NR	NR	NR	NR
Valve without CABG	9	9	18	NR	NR	NR	NR	NR
Valve with CABG	10	2	12	NR	NR	NR	NR	NR
Total Valve	19	11	30	⊙	NR	NR	NR	NR
Wei, Lawrence M.								
CABG without Valve	134	117	251	⊙	⊙	⊙	⊙	6.5
Valve without CABG	35	40	75	⊙	⊙	⊙	⊙	8.7
Valve with CABG	38	42	80	⊙	⊙	⊙	⊙	10.5
Total Valve	73	82	155	⊙	⊙	⊙	⊙	9.5
West, David								
CABG without Valve	0	38	38	⊙	⊙	⊙	⊙	6.3
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	3	3	NR	NR	NR	NR	NR
Total Valve	0	3	3	NR	NR	NR	NR	NR
Wilcox, Kenneth								
CABG without Valve	46	54	100	●	⊙	⊙	⊙	5.9
Valve without CABG	10	8	18	NR	NR	NR	NR	NR
Valve with CABG	13	10	23	NR	NR	NR	NR	NR
Total Valve	23	18	41	●	●	⊙	⊙	7.8


⊙ Lower than expected


⊙ Same as expected

● Higher than expected

NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Woelfel, G. Frederick								
CABG without Valve	163	165	328	⊙	⊙	⊙	⊙	4.9
Valve without CABG	35	29	64	⊙	⊙	⊙	⊙	7.2
Valve with CABG	28	31	59	⊙	⊙	⊙	⊙	7.4
Total Valve	63	60	123	⊙	⊙	⊙	⊙	7.3
Woo, Y. Joseph								
CABG without Valve	64	63	127	⊙	⊙	⊙	⊙	6.5
Valve without CABG	47	67	114	⊙	⊙	⊙	⊙	7.2
Valve with CABG	35	34	69	⊙	⊙	⊙	⊙	10.1
Total Valve	82	101	183	⊙	⊙	⊙	⊙	8.3
Woods, Edward L.								
CABG without Valve	29	44	73	⊙	⊙	⊙	⊙	6.5
Valve without CABG	70	45	115	⊙	⊙	⊙	⊙	10.2
Valve with CABG	24	20	44	⊙	⊙	⊙	⊙	12.6
Total Valve	94	65	159	⊙	⊙	⊙	⊙	11.2
Woody, Daniel J.								
CABG without Valve	1	1	2	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	0	0	NR	NR	NR	NR	NR
Woolley, Daniel S. 								
CABG without Valve	63	49	112	⊙	⊙	⊙	⊙	6.1
Valve without CABG	17	16	33	●	⊙	⊙	⊙	NR
Valve with CABG	7	19	26	NR	NR	NR	NR	NR
Total Valve	24	35	59	●	●	●	⊙	6.8
Wu, James								
CABG without Valve	97	95	192	⊙	⊙	⊙	⊙	4.5
Valve without CABG	17	24	41	⊙	⊙	⊙	⊙	4.7
Valve with CABG	30	16	46	⊙	⊙	⊙	⊙	5.6
Total Valve	47	40	87	⊙	⊙	⊙	⊙	5.1
Youdelman, Benjamin Abraham								
CABG without Valve	0	3	3	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	1	1	NR	NR	NR	NR	NR
Total Valve	0	1	1	NR	NR	NR	NR	NR
Zadeh, Barry J.								
CABG without Valve	11	0	11	NR	NR	NR	NR	NR
Valve without CABG	5	0	5	NR	NR	NR	NR	NR
Valve with CABG	4	0	4	NR	NR	NR	NR	NR
Total Valve	9	0	9	NR	NR	NR	NR	NR

 Indicates this surgeon has submitted comments regarding the data. These comments are included on the PHC4 Web site at <http://www.phc4.org/reports/cabg/07/comments.htm>

⊙ Lower than expected
 ⊙ Same as expected
 ● Higher than expected
 NR Not rated (too few cases)

SURGEON DATA 2006-2007

	Surgeon Data 2006-2007 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2006	2007	Total	In-Hospital	30-Day	7-Day	30-Day	
Zama, Nche								
CABG without Valve	102	132	234	○	○	○	○	4.7
Valve without CABG	33	9	42	●	NR	NR	NR	5.9
Valve with CABG	21	14	35	●	NR	NR	NR	7.0
Total Valve	54	23	77	●	●	○	○	6.4
Zehr, Kenton								
CABG without Valve	34	22	56	○	○	○	●	6.6
Valve without CABG	20	30	50	●	●	○	●	8.7
Valve with CABG	14	16	30	○	NR	NR	NR	NR
Total Valve	34	46	80	●	●	○	●	10.1
Zenati, Marco								
CABG without Valve	7	2	9	NR	NR	NR	NR	NR
Valve without CABG	2	3	5	NR	NR	NR	NR	NR
Valve with CABG	2	0	2	NR	NR	NR	NR	NR
Total Valve	4	3	7	NR	NR	NR	NR	NR

○ Lower than expected ○ Same as expected ● Higher than expected NR Not rated (too few cases)



Pennsylvania Health Care Cost Containment Council

David Wilderman, Acting Executive Director

225 Market Street, Suite 400

Harrisburg, PA 17101

Phone: 717-232-6787

Fax: 717-232-3821

www.phc4.org