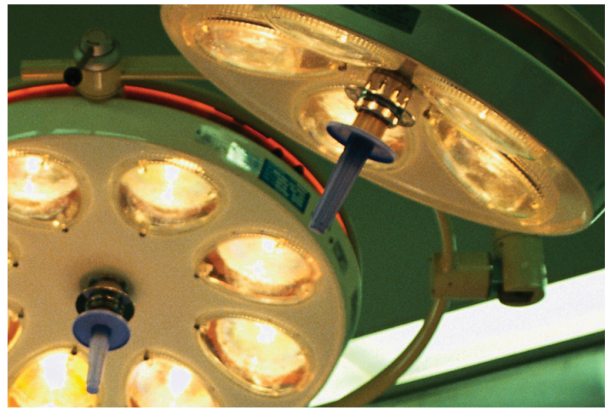


CARDIAC SURGERY IN PENNSYLVANIA 2007-2008

Information about Hospitals and Cardiothoracic Surgeons



Pennsylvania Health Care Cost Containment Council
September 2010

PHC4

About PHC4

The Pennsylvania Health Care Cost Containment Council (PHC4) is an independent state agency established by Pennsylvania law (Act 89 of 1986, as amended). PHC4 is charged with collecting, analyzing and reporting information that can be used to improve the quality and restrain the cost of health care in Pennsylvania.

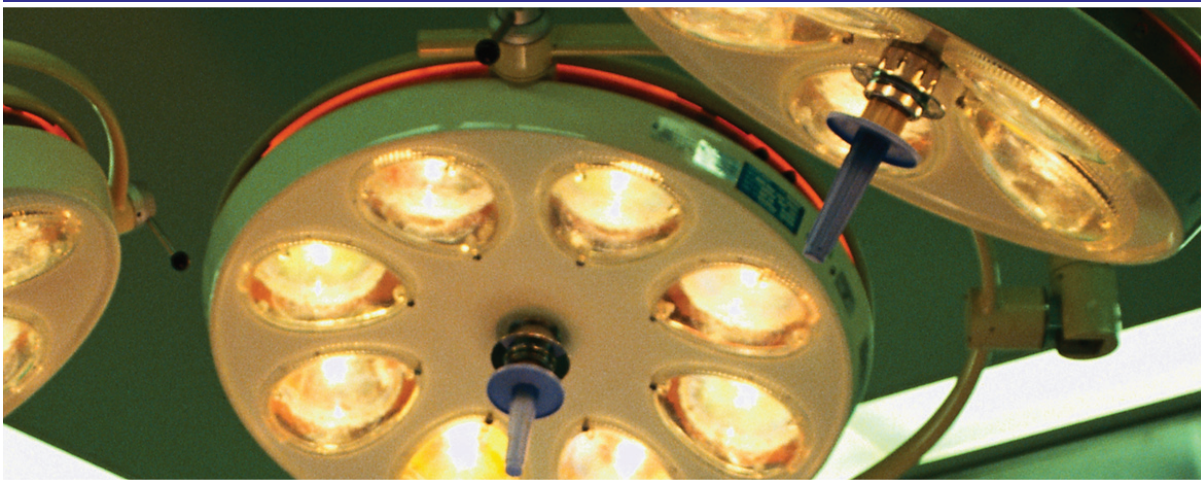


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Introduction

This edition of PHC4's *Cardiac Surgery in Pennsylvania* presents results of coronary artery bypass graft (CABG) surgeries and/or valve surgeries performed in 60 of the state's general acute care hospitals during 2007 and 2008. This report displays risk-adjusted outcomes that can be used, in part, to evaluate both hospital and surgeon performance. Reported measures include risk-adjusted in-hospital and 30-day mortality ratings, 7-day and 30-day readmission ratings, and post-surgical lengths of stay. Information on average hospital charges and average Medicare payments also are reported for hospitals.

Key Findings

Readmissions

- In 2008, 2,208 patients (16.1 percent) who underwent CABG (coronary artery bypass graft) surgery and/or valve surgery were readmitted to the hospital within 30 days of discharge. Only patients readmitted for a heart-related condition or an infection or a complication were counted in the readmission analysis.
- These readmissions amounted to an additional 11,065 hospital days and over \$81 million in additional hospital charges. (*Note: In almost all cases, hospitals do not receive full charges from private insurance carriers or government payers.*)
- Patients who underwent valve *with* CABG surgery had the highest rate of readmission (21.0 percent) when compared to patients who underwent valve *without* CABG surgery (17.8 percent) or CABG *without* valve surgery (14.6 percent).
- Readmitted patients who had undergone valve *with* CABG surgery were more likely to die during the readmission and were more likely to be hospitalized longer when readmitted, as compared to patients who underwent valve *without* CABG surgery or CABG *without* valve surgery.

Readmissions, 2008

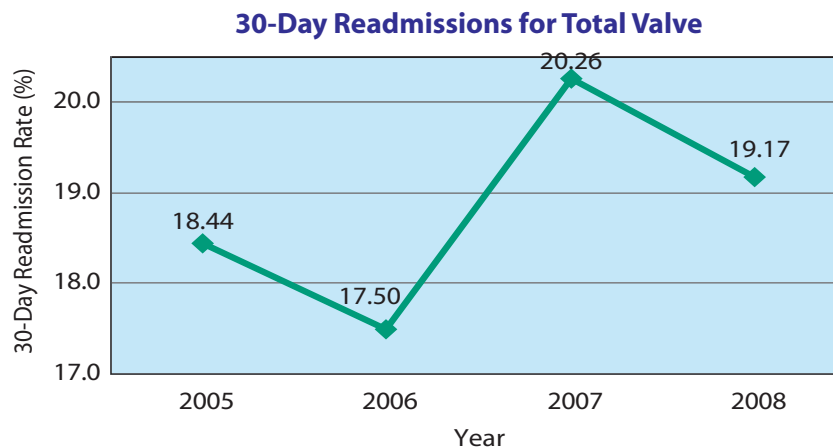
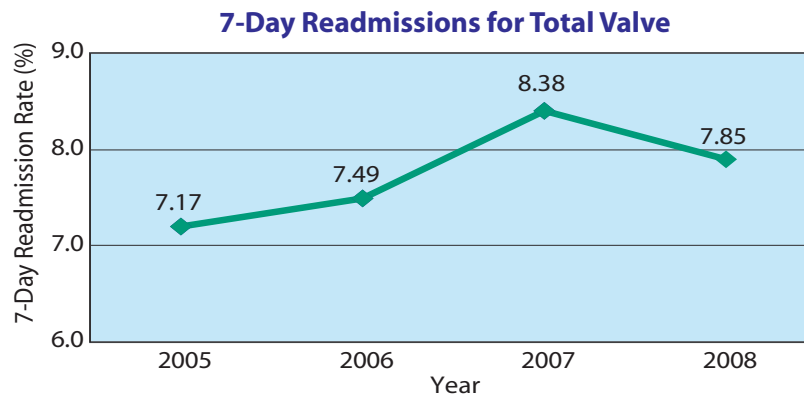
Reporting Group	Patients Readmitted within 30 Days		For patients readmitted within 30 days, the additional hospitalizations were associated with . . .				
	Number	Percent	Mortality Percent	Average Length of Stay	Total Days	Average Hospital Charge	Total Hospital Charges
Total	2,208	16.1	1.8	5.0	11,065	\$36,777	\$81,203,510
CABG without Valve	1,322	14.6	1.5	4.7	6,176	\$35,330	\$46,706,911
Valve without CABG	468	17.8	1.9	5.2	2,446	\$36,723	\$17,186,413
Valve with CABG	418	21.0	2.4	5.8	2,443	\$41,412	\$17,310,186
Total Valve	886	19.2	2.1	5.5	4,889	\$38,935	\$34,496,599

Key Findings

Readmissions – Valve Surgery

For patients undergoing valve surgery, either with or without CABG (total valve reporting group), 7-day and 30-day readmission rates decreased between 2007 and 2008.

- 7-day readmission rates for patients in the total valve reporting group increased between 2005 and 2007 and then decreased 6.3 percent, from 8.38 percent in 2007 to 7.85 percent in 2008.
- 30-day readmission rates for patients in the total valve reporting group decreased 5.4 percent between 2007 and 2008, from 20.26 to 19.17 percent, respectively.



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

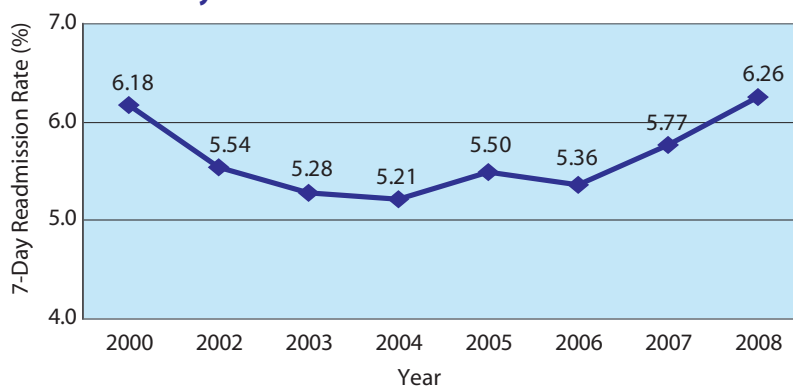
Key Findings

Readmissions – CABG Surgery

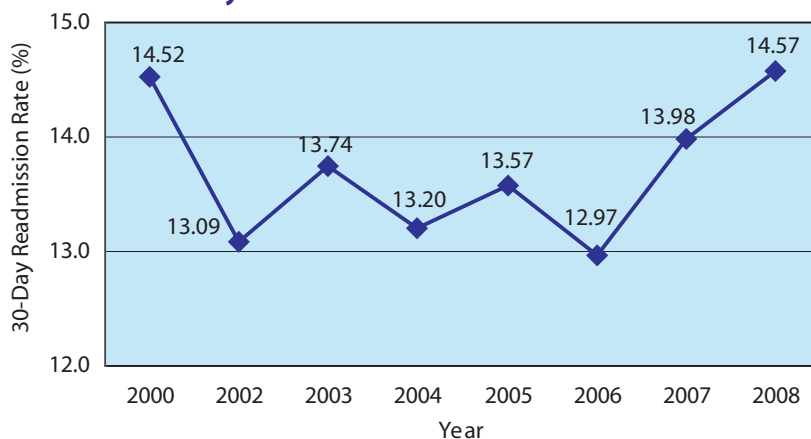
For patients undergoing CABG procedures (without a valve procedure), 7-day and 30-day readmissions increased for the past two years.

- 7-day readmissions steadily declined from 2000 to 2004 for patients undergoing CABG procedures (without a valve procedure). In recent years, the rates have increased. Between 2006 and 2008, 7-day readmissions increased 16.8 percent (from 5.36 to 6.26 percent).
- 30-day readmissions fluctuated between 2000 and 2006 and then increased 12.3 percent between 2006 and 2008 (from 12.97 to 14.57 percent).

7-Day Readmissions for CABG without Valve



30-Day Readmissions for CABG without Valve

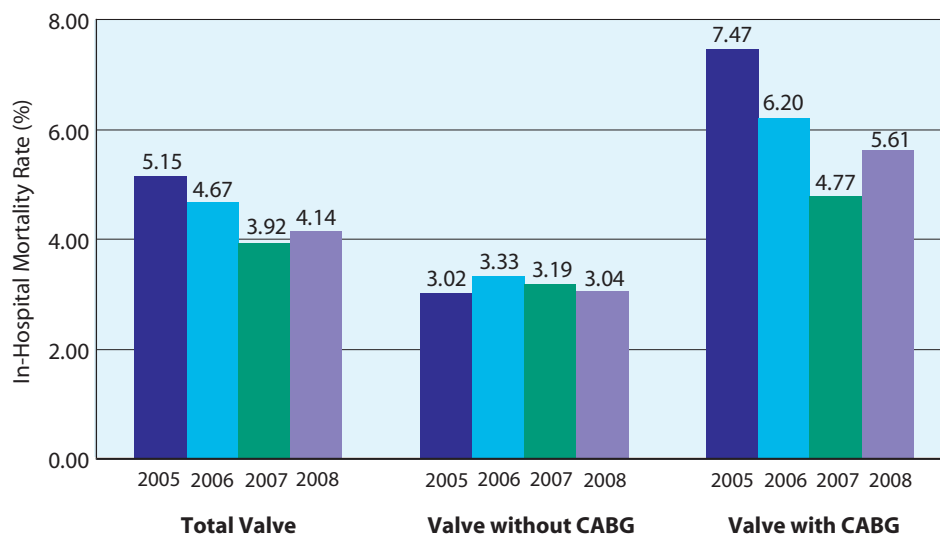


Note: The graphs above include data for each year that PHC4 published readmission rates for CABG procedures.

Key Findings

Mortality – Valve Surgery

- In 2008, in-hospital mortality rates for patients undergoing valve surgery, either with or without CABG (total valve reporting group), increased from 3.92 percent in 2007 to 4.14 percent in 2008. This increase followed two years of decreases between 2005 (when PHC4 began reporting on valve surgeries) and 2007.
 - For patients undergoing valve surgery *without* CABG surgery, the trend for in-hospital mortality rates followed a slightly different pattern. In-hospital mortality rates increased between 2005 and 2006 and then decreased more recently. Between 2006 and 2008, in-hospital mortality rates decreased from 3.33 percent in 2006 to 3.04 percent in 2008.
 - For patients undergoing valve surgery *with* CABG surgery, in-hospital mortality rates increased 17.6 percent between 2007 and 2008, from 4.77 to 5.61 percent, respectively. This increase followed two years of decreases in in-hospital mortality rates.

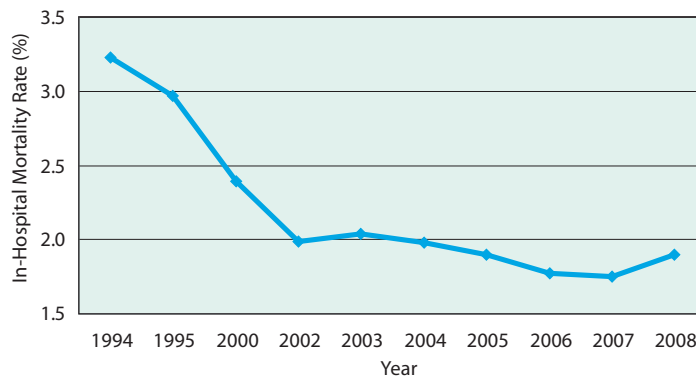


Note: This graph includes data for each year that PHC4 published analysis for valve procedures.

Key Findings

Mortality – CABG Surgery

- After declining for more than a decade, in-hospital mortality rates for patients undergoing coronary artery bypass graft (CABG) procedures (without a valve procedure) increased from 1.75 percent in 2007 to 1.90 percent in 2008. Between 1994, when the in-hospital mortality rate was 3.23 percent, and 2007, rates dropped 45.8 percent.



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

Medicare Payments

- The average Medicare payments for patients undergoing CABG and/or valve surgeries for 2005, 2006, and 2007 have been similar across time. However, notable differences can be seen among the amounts paid for patients undergoing CABG surgery (without a valve procedure) and patients undergoing valve surgeries *with* or *without* CABG.

Average Medicare Payment*

Reporting Group	2005	2006	2007
CABG without Valve	\$29,175	\$29,697	\$30,448
Valve without CABG	\$42,433	\$41,448	\$43,801
Valve with CABG	\$44,119	\$44,934	\$46,001
Total Valve	\$43,343	\$43,276	\$44,945

*Includes the CMS Medicare Part A hospital insurance fund payment, but not patient liabilities, such as coinsurance and deductibles.

Note: 2007 Medicare payment data is the most recent available for use in this report.

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?

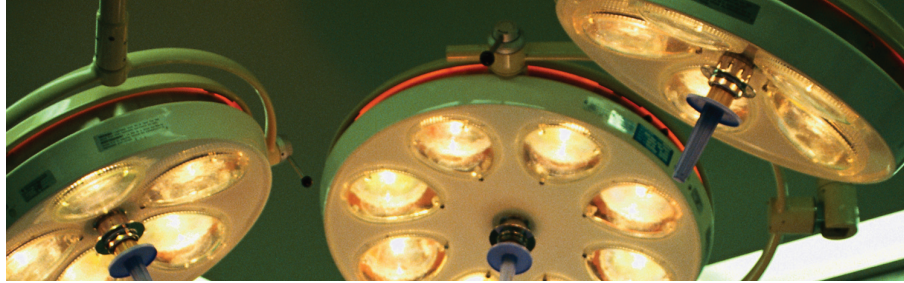
CABG and valve surgeries are frequently performed and costly surgeries. This report includes information on approximately 31,300 CABG and/or valve surgeries performed in Pennsylvania general acute care hospitals in 2007 and 2008.

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 average hospital charges and average Medicare payments for hospitals only. 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.

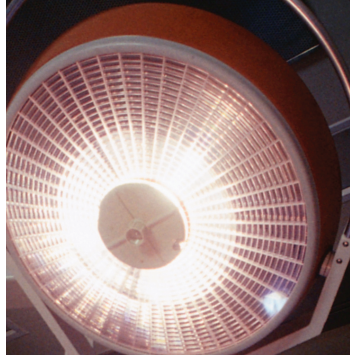
Number of cases is reported for all hospitals and surgeons. Information on CABG/valve results is reported for the hospitals and surgeons who performed 30 or more procedures on adults in at least one of the four reporting groups in 2007 and 2008. Surgeon outcomes are based on two years of combined data, 2007 and 2008. The resulting increase in volume of cases per surgeon results in a more robust analysis. Hospital outcomes are reported for the combined 2007 and 2008 data and for 2008 data only. Average hospital charge and average Medicare payment are re-

ported 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 who 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 complications 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.

Average hospital 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 payers. In fact, on an average basis, across all inpatient hospital cases statewide, hospitals are reimbursed or paid for approximately 26 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.

Average Medicare payment – This is the average amount a hospital is paid for a Medicare patient in the fee-for-service system. Payments from Medicare Advantage plans (Medicare HMOs) are not included. Again, the amount paid will be different from the charge.

¹ The statewide revenue-to-charge ratio is derived from the annual net inpatient revenue and inpatient charges provided by each hospital as part of their annual financial filings to PHC4. This figure is for Fiscal Year 2008.

The average Medicare payment was calculated using the dollar amount that the Centers for Medicare and Medicaid Services (CMS) provided for the Medicare Part A hospital insurance fund payment. Patient liabilities (e.g., coinsurance and deductible dollar amounts) were not included. The average payment was calculated by summing the Medicare payment amounts for the cases in a particular reporting group and dividing the sum by the number of cases in that reporting group. Hospitals were given an opportunity to verify the average Medicare payments reported for their facilities prior to the public release of the information.



Medicare payments are based on formulas that take into account regional variations in the costs of delivering care, the increased costs from teaching doctors still in training, higher costs for hospitals that serve larger numbers of low-income patients, and for costs of new technologies. PHC4 is reporting average Medicare payments for 2007 cardiac cases only because 2007 payment data is the most recent available for use in this report.

Medicare payments are based on the entire hospital stay, and the payment principles are common to all hospitals nationwide. Commercial payers, on the other hand, typically negotiate one-by-one with each hospital, and commercial payments can vary by health plan

type (e.g., HMO, PPO, etc.). Commercial contracts may vary in the basis for payment, such as a payment for each day rather than for the entire stay, payments that include hospital and physician fees together, or a lump sum payment for a number of patients. So, PHC4 is working through its Payment Data Advisory Group to develop an appropriate and consistent reporting process.

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 determining 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, 2007 to December 31, 2008 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.

Some data elements used in the report were obtained from additional sources. The Pennsylvania Department of Health provided data used to analyze the 30-day mortality measure. The Centers for Medicare and Medicaid Services provided Medicare payment data.

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, meaning 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 website 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 Centers for Medicare and Medicaid Services for the Medicare payment data. PHC4 also 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 hospital charge and average payment are 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 payers; on an average basis, across all inpatient hospital cases statewide, hospitals are reimbursed or paid for approximately 26 percent of established charges. Average Medicare payment was not trimmed or adjusted. Average Medicare payment for hospitals with less than 13 cases was suppressed to meet current Centers for Medicare and Medicaid Services privacy guidelines. Hospitals had an opportunity to verify the average Medicare payments reported for their facility prior to the public release of the information.

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 website.

More Data on PHC4's Website

Additional information is posted at www.phc4.org

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

HOSPITAL DATA

	Number of Cases			Hospital Data 2007-2008 (Two Years Combined)					2007 Average Medicare Payment	
				Mortality		Readmissions		Post-Surgical Length of Stay		Average Hospital Charge
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day			
Statewide										
CABG without Valve	10,166	10,099	20,265	1.8%	2.3%	6.0%	14.3%	5.9	\$117,620	\$30,448
Valve without CABG	2,975	3,162	6,137	3.1%	3.5%	7.4%	18.9%	7.3	\$153,259	\$43,801
Valve with CABG	2,514	2,370	4,884	5.2%	6.3%	9.0%	20.8%	8.5	\$174,107	\$46,001
Total Valve	5,489	5,532	11,021	4.0%	4.8%	8.1%	19.7%	7.8	\$162,421	\$44,945
Abington Memorial										
CABG without Valve	125	111	236	⊙	⊙	⊙	⊙	6.6	\$211,438	\$33,523
Valve without CABG	91	98	189	●	●	⊙	⊙	8.7	\$214,601	NR
Valve with CABG	22	28	50	⊙	⊙	⊙	⊙	9.7	\$257,641	NR
Total Valve	113	126	239	●	●	⊙	⊙	9.2	\$225,475	\$49,322
Albert Einstein										
CABG without Valve	77	68	145	⊙	⊙	⊙	⊙	6.0	\$216,299	\$45,676
Valve without CABG	11	17	28	NR	NR	NR	NR	NR	\$249,011	NR
Valve with CABG	11	9	20	NR	NR	NR	NR	NR	\$269,394	NR
Total Valve	22	26	48	⊙	⊙	⊙	⊙	8.6	\$255,106	NR
Allegheny General										
CABG without Valve	210	245	455	⊙	⊙	⊙	⊙	6.8	\$95,342	\$32,520
Valve without CABG	126	142	268	⊙	⊙	⊙	⊙	8.4	\$116,525	\$47,773
Valve with CABG	65	57	122	⊙	⊙	⊙	⊙	10.3	\$139,218	\$40,433
Total Valve	191	199	390	⊙	⊙	⊙	⊙	9.1	\$128,727	\$44,103
Altoona Regional										
CABG without Valve	143	122	265	⊙	⊙	●	⊙	5.8	\$70,402	\$23,112
Valve without CABG	59	41	100	⊙	⊙	⊙	⊙	7.5	\$95,747	\$40,145
Valve with CABG	25	31	56	⊙	⊙	⊙	●	8.9	\$102,206	\$35,564
Total Valve	84	72	156	⊙	⊙	●	⊙	8.1	\$98,623	\$38,581
Brandywine										
CABG without Valve	39	41	80	●	⊙	⊙	●	5.6	\$224,215	NR
Valve without CABG	4	3	7	NR	NR	NR	NR	NR	NR	NR
Valve with CABG	4	8	12	NR	NR	NR	NR	NR	NR	NR
Total Valve	8	11	19	NR	NR	NR	NR	NR	\$278,081	NR
Butler Memorial										
CABG without Valve	172	200	372	⊙	⊙	⊙	⊙	6.2	\$54,776	\$25,004
Valve without CABG	39	40	79	⊙	⊙	⊙	⊙	8.2	\$82,189	NR
Valve with CABG	28	44	72	⊙	⊙	⊙	⊙	9.5	\$85,526	NR
Total Valve	67	84	151	⊙	⊙	⊙	⊙	8.8	\$84,006	\$34,277
Chester County										
CABG without Valve	95	98	193	⊙	⊙	⊙	⊙	6.0	\$93,326	\$24,888
Valve without CABG	23	39	62	⊙	⊙	⊙	⊙	7.4	\$109,425	NR
Valve with CABG	22	14	36	⊙	⊙	⊙	⊙	7.8	\$146,332	NR
Total Valve	45	53	98	⊙	⊙	⊙	⊙	7.6	\$122,797	\$43,705

Indicates this hospital has submitted comments regarding the data. These comments are included on the PHC4 website at www.phc4.org/reports/cabg/08/comments.htm

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

HOSPITAL DATA

	Hospital Data 2008						
	Number of Cases 2008	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
		In-Hospital	30-Day	7-Day	30-Day		
Statewide							
CABG without Valve	10,099	1.9%	2.3%	6.3%	14.6%	5.9	\$119,789
Valve without CABG	3,162	3.0%	3.3%	7.0%	17.8%	7.2	\$154,718
Valve with CABG	2,370	5.6%	6.7%	9.0%	21.0%	8.4	\$175,773
Total Valve	5,532	4.1%	4.8%	7.9%	19.2%	7.7	\$163,648
Abington Memorial							
CABG without Valve	111					7.0	\$214,005
Valve without CABG	98					8.2	\$202,616
Valve with CABG	28	NR	NR	NR	NR	NR	\$262,277
Total Valve	126					8.8	\$216,703
Albert Einstein							
CABG without Valve	68					6.0	\$223,660
Valve without CABG	17	NR	NR	NR	NR	NR	\$236,342
Valve with CABG	9	NR	NR	NR	NR	NR	NR
Total Valve	26	NR	NR	NR	NR	NR	\$242,991
Allegheny General							
CABG without Valve	245					6.7	\$97,161
Valve without CABG	142					8.3	\$117,376
Valve with CABG	57					10.1	\$131,020
Total Valve	199					9.0	\$126,465
Altoona Regional							
CABG without Valve	122					5.9	\$74,566
Valve without CABG	41					8.0	\$103,158
Valve with CABG	31					9.0	\$106,843
Total Valve	72					8.4	\$105,059
Brandywine							
CABG without Valve	41					6.3	\$235,759
Valve without CABG	3	NR	NR	NR	NR	NR	NR
Valve with CABG	8	NR	NR	NR	NR	NR	NR
Total Valve	11	NR	NR	NR	NR	NR	NR
Butler Memorial							
CABG without Valve	200					6.0	\$56,954
Valve without CABG	40					7.9	\$86,364
Valve with CABG	44					9.9	\$92,176
Total Valve	84					8.7	\$88,803
Chester County							
CABG without Valve	98					5.9	\$96,828
Valve without CABG	39					6.8	\$110,462
Valve with CABG	14	NR	NR	NR	NR	NR	\$162,138
Total Valve	53					7.1	\$124,493

Indicates this hospital has submitted comments regarding the data. These comments are included on the PHC4 website at www.phc4.org/reports/cabg/08/comments.htm

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

HOSPITAL DATA

	Number of Cases			Hospital Data 2007-2008 (Two Years Combined)					2007 Average Medicare Payment	
				Mortality		Readmissions		Post-Surgical Length of Stay		Average Hospital Charge
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day			
Community/Scranton										
CABG without Valve	202	167	369	⊙	⊙	○	○	5.7	\$65,903	\$27,819
Valve without CABG	36	25	61	⊙	⊙	⊙	⊙	7.1	\$89,951	\$41,409
Valve with CABG	37	25	62	⊙	⊙	○	⊙	7.4	\$102,148	\$35,613
Total Valve	73	50	123	⊙	⊙	⊙	⊙	7.2	\$95,680	\$37,635
Conemaugh Valley Memorial										
CABG without Valve	180	155	335	⊙	⊙	⊙	⊙	5.0	\$58,806	\$26,384
Valve without CABG	44	52	96	⊙	⊙	⊙	⊙	6.2	\$94,319	NR
Valve with CABG	59	48	107	⊙	⊙	⊙	⊙	6.4	\$100,596	NR
Total Valve	103	100	203	○	○	⊙	⊙	6.2	\$97,167	\$35,197
Crozer-Chester										
CABG without Valve	129	113	242	⊙	⊙	⊙	⊙	6.1	\$318,668	\$32,475
Valve without CABG	15	16	31	⊙	⊙	⊙	⊙	7.1	\$360,288	NR
Valve with CABG	10	5	15	NR	NR	NR	NR	NR	NR	NR
Total Valve	25	21	46	⊙	⊙	⊙	⊙	8.0	\$368,705	NR
Doylestown										
CABG without Valve	125	120	245	⊙	⊙	⊙	⊙	5.1	\$103,356	\$24,940
Valve without CABG	35	43	78	⊙	⊙	⊙	⊙	5.6	\$110,670	NR
Valve with CABG	40	38	78	⊙	⊙	⊙	⊙	6.6	\$136,218	NR
Total Valve	75	81	156	⊙	⊙	⊙	⊙	6.0	\$122,029	\$34,532
DuBois Regional										
CABG without Valve	132	121	253	⊙	●	⊙	⊙	5.5	\$87,048	\$28,242
Valve without CABG	27	19	46	⊙	⊙	⊙	○	6.5	\$97,997	\$35,323
Valve with CABG	25	36	61	⊙	⊙	⊙	⊙	7.7	\$147,895	\$53,106
Total Valve	52	55	107	⊙	⊙	⊙	⊙	7.0	\$124,381	\$43,103
Easton										
CABG without Valve	91	78	169	⊙	⊙	⊙	⊙	6.3	\$263,163	\$34,031
Valve without CABG	19	14	33	⊙	NR	NR	NR	8.5	\$276,930	\$35,789
Valve with CABG	34	21	55	⊙	○	⊙	⊙	8.4	\$340,547	\$47,870
Total Valve	53	35	88	⊙	⊙	⊙	⊙	8.2	\$299,169	\$43,224
Excelsa Hlth Westmoreland										
CABG without Valve	308	320	628	●	●	⊙	⊙	6.2	\$47,555	\$24,945
Valve without CABG	41	33	74	⊙	●	⊙	⊙	6.4	\$54,822	NR
Valve with CABG	56	67	123	⊙	⊙	⊙	⊙	8.2	\$67,953	NR
Total Valve	97	100	197	⊙	⊙	⊙	⊙	7.3	\$61,190	\$30,283
Frankford										
CABG without Valve	190	202	392	●	⊙	●	●	7.1	\$101,950	\$34,959
Valve without CABG	15	14	29	NR	NR	NR	NR	NR	\$127,271	NR
Valve with CABG	33	36	69	⊙	⊙	⊙	⊙	10.9	\$145,541	NR
Total Valve	48	50	98	⊙	⊙	●	●	9.6	\$133,255	NR

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

HOSPITAL DATA

	Hospital Data 2008						
	Number of Cases 2008	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
		In-Hospital	30-Day	7-Day	30-Day		
Community/Scranton							
CABG without Valve	167	○	○	○	○	5.6	\$63,767
Valve without CABG	25	NR	NR	NR	NR	NR	\$90,411
Valve with CABG	25	NR	NR	NR	NR	NR	\$106,468
Total Valve	50	○	○	○	○	7.1	\$97,395
Conemaugh Valley Memorial							
CABG without Valve	155	○	○	○	○	5.4	\$61,846
Valve without CABG	52	○	○	○	○	6.6	\$89,676
Valve with CABG	48	○	○	○	○	6.5	\$101,353
Total Valve	100	○	○	○	○	6.5	\$95,098
Crozer-Chester							
CABG without Valve	113	○	○	○	○	6.1	\$341,244
Valve without CABG	16	NR	NR	NR	NR	NR	\$353,725
Valve with CABG	5	NR	NR	NR	NR	NR	NR
Total Valve	21	NR	NR	NR	NR	NR	\$369,195
Doylestown							
CABG without Valve	120	○	○	○	○	5.1	\$108,916
Valve without CABG	43	○	○	○	○	5.5	\$116,534
Valve with CABG	38	○	○	○	○	6.3	\$132,215
Total Valve	81	○	○	○	○	5.8	\$122,509
DuBois Regional							
CABG without Valve	121	○	○	○	○	5.8	\$82,888
Valve without CABG	19	NR	NR	NR	NR	NR	\$99,804
Valve with CABG	36	○	○	○	○	8.3	\$139,738
Total Valve	55	○	○	○	○	7.4	\$122,387
Easton							
CABG without Valve	78	○	○	○	○	6.1	\$271,503
Valve without CABG	14	NR	NR	NR	NR	NR	NR
Valve with CABG	21	NR	NR	NR	NR	NR	\$344,294
Total Valve	35	○	NR	NR	NR	8.3	\$299,704
Excelsa Hlth Westmoreland							
CABG without Valve	320	○	○	○	○	6.5	\$48,859
Valve without CABG	33	○	○	NR	NR	6.5	\$50,650
Valve with CABG	67	○	○	○	○	8.5	\$72,245
Total Valve	100	○	○	○	○	7.5	\$62,743
Frankford							
CABG without Valve	202	●	○	○	●	7.2	\$100,740
Valve without CABG	14	NR	NR	NR	NR	NR	\$119,907
Valve with CABG	36	○	○	○	○	11.3	\$141,535
Total Valve	50	○	○	●	○	10.1	\$126,988

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

HOSPITAL DATA

	Number of Cases			Hospital Data 2007-2008 (Two Years Combined)					2007 Average Medicare Payment	
				Mortality		Readmissions		Post-Surgical Length of Stay		Average Hospital Charge
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day			
Geisinger Wyoming Valley										
CABG without Valve	76	93	169	⊙	⊙	⊙	○	5.4	\$103,688	\$25,818
Valve without CABG	18	43	61	⊙	⊙	○	○	5.6	\$126,203	NR
Valve with CABG	21	21	42	⊙	⊙	⊙	⊙	7.1	\$142,961	NR
Total Valve	39	64	103	⊙	⊙	○	⊙	6.2	\$134,881	\$45,628
Geisinger/Danville										
CABG without Valve	233	185	418	⊙	⊙	⊙	⊙	5.4	\$102,231	\$35,296
Valve without CABG	80	112	192	⊙	⊙	⊙	⊙	9.4	\$163,621	\$46,215
Valve with CABG	63	55	118	●	⊙	⊙	⊙	9.5	\$186,029	\$50,940
Total Valve	143	167	310	⊙	⊙	⊙	⊙	9.5	\$172,275	\$48,356
Good Samaritan/Lebanon										
CABG without Valve	141	143	284	⊙	⊙	⊙	⊙	5.7	\$88,378	\$25,442
Valve without CABG	7	12	19	NR	NR	NR	NR	NR	\$93,242	NR
Valve with CABG	9	22	31	●	●	NR	NR	NR	\$128,837	NR
Total Valve	16	34	50	●	●	⊙	⊙	7.8	\$111,572	NR
Hahnemann University										
CABG without Valve	126	107	233	⊙	⊙	⊙	⊙	8.3	\$392,790	\$54,670
Valve without CABG	26	25	51	⊙	⊙	NR	NR	10.5	\$410,454	NR
Valve with CABG	14	24	38	⊙	NR	NR	NR	11.4	\$493,301	NR
Total Valve	40	49	89	⊙	⊙	⊙	⊙	10.9	\$441,644	\$87,825
Hamot										
CABG without Valve	305	283	588	⊙	⊙	⊙	⊙	5.4	\$136,140	\$23,266
Valve without CABG	77	59	136	⊙	⊙	⊙	⊙	7.1	\$146,038	\$35,207
Valve with CABG	79	47	126	⊙	⊙	⊙	⊙	7.9	\$186,335	\$37,664
Total Valve	156	106	262	⊙	⊙	⊙	⊙	7.4	\$166,768	\$36,797
Heritage Valley Beaver										
CABG without Valve	194	158	352	⊙	⊙	⊙	⊙	6.1	\$55,717	\$24,545
Valve without CABG	37	43	80	●	●	⊙	●	7.6	\$73,410	NR
Valve with CABG	36	36	72	⊙	⊙	⊙	⊙	9.9	\$82,583	NR
Total Valve	73	79	152	●	●	⊙	●	8.6	\$78,075	\$33,288
Holy Spirit										
CABG without Valve	213	200	413	⊙	⊙	●	⊙	5.2	\$74,276	\$25,193
Valve without CABG	32	52	84	⊙	⊙	⊙	⊙	6.6	\$91,521	\$30,658
Valve with CABG	41	32	73	⊙	⊙	⊙	⊙	7.8	\$104,337	\$39,858
Total Valve	73	84	157	⊙	⊙	⊙	⊙	7.1	\$97,481	\$36,094
Hospital University PA										
CABG without Valve	142	169	311	⊙	⊙	⊙	⊙	6.8	\$196,010	\$47,265
Valve without CABG	289	314	603	⊙	⊙	⊙	⊙	7.6	\$224,587	\$65,035
Valve with CABG	148	136	284	⊙	○	⊙	⊙	9.7	\$282,864	\$70,544
Total Valve	437	450	887	⊙	⊙	⊙	○	8.3	\$244,946	\$67,311

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HOSPITAL DATA

	Hospital Data 2008						
	Number of Cases 2008	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
		In-Hospital	30-Day	7-Day	30-Day		
Geisinger Wyoming Valley							
CABG without Valve	93	⊙	⊙	⊙	⊙	5.4	\$108,029
Valve without CABG	43	⊙	⊙	⊙	○	5.5	\$132,740
Valve with CABG	21	NR	NR	NR	NR	NR	\$162,051
Total Valve	64	⊙	⊙	⊙	⊙	6.2	\$145,473
Geisinger/Danville							
CABG without Valve	185	⊙	⊙	⊙	⊙	5.5	\$109,690
Valve without CABG	112	⊙	⊙	⊙	⊙	9.1	\$163,910
Valve with CABG	55	⊙	⊙	⊙	⊙	8.8	\$170,292
Total Valve	167	⊙	⊙	⊙	⊙	9.2	\$166,000
Good Samaritan/Lebanon							
CABG without Valve	143	⊙	⊙	⊙	⊙	5.4	\$86,034
Valve without CABG	12	NR	NR	NR	NR	NR	NR
Valve with CABG	22	NR	NR	NR	NR	NR	\$126,379
Total Valve	34	●	⊙	⊙	⊙	7.6	\$110,632
Hahnemann University							
CABG without Valve	107	⊙	⊙	⊙	⊙	8.8	\$394,915
Valve without CABG	25	NR	NR	NR	NR	NR	\$383,657
Valve with CABG	24	NR	NR	NR	NR	NR	\$523,127
Total Valve	49	⊙	⊙	NR	NR	10.9	\$438,118
Hamot							
CABG without Valve	283	⊙	⊙	⊙	⊙	5.4	\$138,542
Valve without CABG	59	⊙	⊙	⊙	⊙	7.0	\$157,049
Valve with CABG	47	⊙	⊙	⊙	⊙	7.1	\$188,199
Total Valve	106	⊙	⊙	⊙	⊙	7.0	\$172,920
Heritage Valley Beaver							
CABG without Valve	158	⊙	⊙	⊙	⊙	6.1	\$53,882
Valve without CABG	43	●	●	⊙	●	7.6	\$76,022
Valve with CABG	36	⊙	⊙	⊙	⊙	9.8	\$90,366
Total Valve	79	●	●	⊙	●	8.5	\$83,198
Holy Spirit							
CABG without Valve	200	⊙	⊙	●	●	5.2	\$75,568
Valve without CABG	52	⊙	⊙	⊙	⊙	6.9	\$89,109
Valve with CABG	32	⊙	⊙	⊙	⊙	7.7	\$101,873
Total Valve	84	⊙	⊙	⊙	⊙	7.2	\$95,387
Hospital University PA 							
CABG without Valve	169	⊙	⊙	⊙	⊙	7.2	\$209,408
Valve without CABG	314	⊙	⊙	⊙	○	7.9	\$227,197
Valve with CABG	136	⊙	⊙	⊙	⊙	10.0	\$297,399
Total Valve	450	⊙	⊙	⊙	○	8.6	\$250,688

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NR Not rated (too few cases)

HOSPITAL DATA

	Number of Cases			Hospital Data 2007-2008 (Two Years Combined)				Post-Surgical Length of Stay	Average Hospital Charge	2007 Average Medicare Payment
				Mortality		Readmissions				
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day			
Jeanes										
CABG without Valve	61	48	109	⊙	⊙	⊙	⊙	6.3	\$226,885	\$29,016
Valve without CABG	4	8	12	NR	NR	NR	NR	NR	NR	NR
Valve with CABG	10	11	21	NR	NR	NR	NR	NR	\$293,903	NR
Total Valve	14	19	33	⊙	⊙	⊙	⊙	9.5	\$274,507	NR
Jefferson Regional										
CABG without Valve	268	293	561	⊙	⊙	⊙	⊙	6.2	\$54,649	\$27,046
Valve without CABG	57	60	117	⊙	⊙	⊙	⊙	7.5	\$65,233	NR
Valve with CABG	90	90	180	⊙	⊙	⊙	⊙	8.5	\$83,797	NR
Total Valve	147	150	297	⊙	⊙	⊙	⊙	7.9	\$74,530	\$37,083
Lancaster General										
CABG without Valve	291	372	663	●	●	⊙	⊙	5.5	\$72,902	\$29,391
Valve without CABG	97	99	196	⊙	⊙	⊙	⊙	7.3	\$80,800	\$34,226
Valve with CABG	113	111	224	⊙	⊙	⊙	⊙	8.1	\$107,837	\$40,066
Total Valve	210	210	420	⊙	⊙	⊙	⊙	7.6	\$94,134	\$37,677
Lancaster Regional										
CABG without Valve	43	33	76	⊙	⊙	⊙	⊙	6.5	\$105,461	NR
Valve without CABG	10	7	17	NR	NR	NR	NR	NR	NR	NR
Valve with CABG	8	7	15	NR	NR	NR	NR	NR	NR	NR
Total Valve	18	14	32	⊙	⊙	⊙	⊙	NR	\$136,803	NR
Lehigh Valley										
CABG without Valve	381	357	738	⊙	⊙	⊙	⊙	4.7	\$114,414	\$30,569
Valve without CABG	111	155	266	○	○	⊙	⊙	5.6	\$141,186	\$32,469
Valve with CABG	76	90	166	⊙	⊙	⊙	⊙	6.3	\$177,430	\$36,005
Total Valve	187	245	432	○	○	⊙	⊙	5.9	\$157,614	\$34,186
Lehigh Valley/Muhlenberg										
CABG without Valve	83	73	156	⊙	⊙	⊙	⊙	4.1	\$114,658	\$24,553
Valve without CABG	16	31	47	⊙	⊙	⊙	⊙	5.5	\$154,371	NR
Valve with CABG	17	19	36	⊙	⊙	⊙	⊙	5.5	\$176,480	NR
Total Valve	33	50	83	⊙	⊙	⊙	⊙	5.5	\$164,649	\$41,453
Lower Bucks										
CABG without Valve	59	50	109	●	●	●	●	6.0	\$201,873	\$29,478
Valve without CABG	5	5	10	NR	NR	NR	NR	NR	NR	NR
Valve with CABG	2	3	5	NR	NR	NR	NR	NR	NR	NR
Total Valve	7	8	15	NR	NR	NR	NR	NR	NR	NR
Main Line Bryn Mawr										
CABG without Valve	54	69	123	⊙	⊙	⊙	⊙	5.9	\$168,405	\$39,546
Valve without CABG	43	34	77	⊙	⊙	⊙	⊙	7.2	\$216,025	NR
Valve with CABG	19	13	32	⊙	⊙	NR	NR	NR	\$252,910	NR
Total Valve	62	47	109	⊙	⊙	⊙	○	7.5	\$227,668	\$43,377

○ Lower than expected

⊙ Same as expected

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NR Not rated (too few cases)

HOSPITAL DATA

	Hospital Data 2008						
	Number of Cases 2008	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
		In-Hospital	30-Day	7-Day	30-Day		
Jeanes							
CABG without Valve	48	⊙	⊙	⊙	⊙	6.3	\$220,535
Valve without CABG	8	NR	NR	NR	NR	NR	NR
Valve with CABG	11	NR	NR	NR	NR	NR	NR
Total Valve	19	NR	NR	NR	NR	NR	\$257,770
Jefferson Regional							
CABG without Valve	293	⊙	⊙	⊙	⊙	6.1	\$57,225
Valve without CABG	60	⊙	⊙	⊙	⊙	7.0	\$63,435
Valve with CABG	90	⊙	⊙	⊙	⊙	8.5	\$88,199
Total Valve	150	⊙	⊙	⊙	⊙	7.6	\$76,458
Lancaster General							
CABG without Valve	372	⊙	⊙	⊙	⊙	5.4	\$75,492
Valve without CABG	99	⊙	⊙	⊙	⊙	7.2	\$81,158
Valve with CABG	111	⊙	⊙	⊙	⊙	7.8	\$108,744
Total Valve	210	⊙	⊙	⊙	⊙	7.3	\$94,272
Lancaster Regional							
CABG without Valve	33	⊙	⊙	⊙	⊙	6.4	\$108,580
Valve without CABG	7	NR	NR	NR	NR	NR	NR
Valve with CABG	7	NR	NR	NR	NR	NR	NR
Total Valve	14	NR	NR	NR	NR	NR	NR
Lehigh Valley							
CABG without Valve	357	⊙	⊙	⊙	⊙	4.8	\$119,832
Valve without CABG	155	⊙	⊙	⊙	⊙	5.5	\$144,959
Valve with CABG	90	⊙	⊙	⊙	⊙	6.2	\$185,528
Total Valve	245	⊙	⊙	⊙	⊙	5.8	\$161,684
Lehigh Valley/Muhlenberg							
CABG without Valve	73	⊙	⊙	⊙	⊙	4.5	\$124,998
Valve without CABG	31	⊙	NR	NR	NR	6.0	\$163,960
Valve with CABG	19	NR	NR	NR	NR	NR	\$173,561
Total Valve	50	⊙	⊙	⊙	⊙	5.9	\$169,526
Lower Bucks							
CABG without Valve	50	●	●	⊙	●	6.1	\$202,942
Valve without CABG	5	NR	NR	NR	NR	NR	NR
Valve with CABG	3	NR	NR	NR	NR	NR	NR
Total Valve	8	NR	NR	NR	NR	NR	NR
Main Line Bryn Mawr							
CABG without Valve	69	⊙	⊙	⊙	⊙	6.1	\$161,443
Valve without CABG	34	⊙	⊙	⊙	⊙	7.3	\$240,084
Valve with CABG	13	NR	NR	NR	NR	NR	NR
Total Valve	47	⊙	⊙	⊙	⊙	7.5	\$253,841

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HOSPITAL DATA

	Number of Cases			Hospital Data 2007-2008 (Two Years Combined)					2007 Average Medicare Payment	
				Mortality		Readmissions		Post-Surgical Length of Stay		Average Hospital Charge
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day			
Main Line Lankenau										
CABG without Valve	281	281	562	⊙	⊙	⊙	⊙	5.3	\$149,918	\$34,782
Valve without CABG	118	125	243	⊙	⊙	⊙	⊙	6.4	\$196,288	\$44,605
Valve with CABG	60	45	105	⊙	⊙	⊙	⊙	8.5	\$230,378	\$47,555
Total Valve	178	170	348	⊙	⊙	⊙	⊙	7.1	\$206,886	\$45,921
Main Line Paoli										
CABG without Valve	68	79	147	⊙	⊙	⊙	⊙	5.4	\$127,726	\$27,231
Valve without CABG	9	19	28	NR	NR	NR	NR	NR	\$150,072	NR
Valve with CABG	8	6	14	NR	NR	NR	NR	NR	\$185,790	NR
Total Valve	17	25	42	⊙	⊙	⊙	⊙	6.7	\$162,180	NR
Mercy Fitzgerald										
CABG without Valve	60	48	108	⊙	⊙	●	⊙	6.5	\$213,549	NR
Valve without CABG	8	8	16	NR	NR	NR	NR	NR	\$205,178	NR
Valve with CABG	4	3	7	NR	NR	NR	NR	NR	NR	NR
Total Valve	12	11	23	NR	NR	NR	NR	NR	\$219,321	NR
Mercy/Scranton										
CABG without Valve	179	171	350	⊙	⊙	⊙	⊙	6.1	\$78,478	\$26,595
Valve without CABG	55	62	117	⊙	⊙	⊙	⊙	6.4	\$79,167	\$33,293
Valve with CABG	57	45	102	⊙	●	⊙	⊙	7.8	\$106,379	\$39,081
Total Valve	112	107	219	⊙	⊙	⊙	⊙	7.0	\$92,010	\$36,561
Milton S Hershey										
CABG without Valve	193	189	382	⊙	⊙	⊙	●	5.4	\$69,507	\$36,080
Valve without CABG	95	107	202	⊙	⊙	⊙	⊙	6.2	\$81,677	\$46,567
Valve with CABG	54	50	104	⊙	⊙	⊙	⊙	7.8	\$100,383	\$49,466
Total Valve	149	157	306	⊙	⊙	⊙	⊙	6.8	\$90,505	\$47,695
Penn Presbyterian										
CABG without Valve	205	224	429	⊙	⊙	⊙	⊙	6.8	\$177,087	\$38,317
Valve without CABG	162	155	317	⊙	⊙	⊙	⊙	7.6	\$195,369	\$47,361
Valve with CABG	101	95	196	⊙	⊙	⊙	⊙	9.1	\$230,383	\$56,288
Total Valve	263	250	513	⊙	⊙	⊙	⊙	8.2	\$208,380	\$51,868
Pennsylvania 										
CABG without Valve	108	97	205	⊙	⊙	⊙	⊙	6.8	\$210,277	\$34,123
Valve without CABG	29	46	75	●	●	⊙	⊙	8.4	\$256,694	NR
Valve with CABG	25	30	55	⊙	⊙	⊙	⊙	8.8	\$284,069	NR
Total Valve	54	76	130	⊙	●	⊙	⊙	8.6	\$266,086	\$58,752
Phoenixville										
CABG without Valve	86	80	166	⊙	●	●	⊙	6.2	\$188,540	\$31,481
Valve without CABG	8	14	22	NR	NR	NR	NR	NR	\$232,746	NR
Valve with CABG	10	16	26	NR	NR	NR	NR	NR	\$239,883	NR
Total Valve	18	30	48	⊙	⊙	⊙	⊙	7.5	\$233,716	NR

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

HOSPITAL DATA

	Hospital Data 2008						
	Number of Cases 2008	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
		In-Hospital	30-Day	7-Day	30-Day		
Main Line Lankenau							
CABG without Valve	281	⊙	⊙	⊙	⊙	5.4	\$152,849
Valve without CABG	125	⊙	⊙	⊙	⊙	6.7	\$205,156
Valve with CABG	45	⊙	⊙	⊙	⊙	9.1	\$230,356
Total Valve	170	⊙	⊙	⊙	⊙	7.4	\$212,873
Main Line Paoli							
CABG without Valve	79	⊙	⊙	⊙	⊙	5.1	\$125,837
Valve without CABG	19	NR	NR	NR	NR	NR	\$149,540
Valve with CABG	6	NR	NR	NR	NR	NR	NR
Total Valve	25	NR	NR	NR	NR	NR	\$159,981
Mercy Fitzgerald							
CABG without Valve	48	⊙	⊙	●	●	6.8	\$221,917
Valve without CABG	8	NR	NR	NR	NR	NR	NR
Valve with CABG	3	NR	NR	NR	NR	NR	NR
Total Valve	11	NR	NR	NR	NR	NR	NR
Mercy/Scranton							
CABG without Valve	171	⊙	⊙	⊙	⊙	6.1	\$79,806
Valve without CABG	62	⊙	⊙	⊙	⊙	6.2	\$80,338
Valve with CABG	45	⊙	⊙	⊙	⊙	7.9	\$112,021
Total Valve	107	⊙	⊙	⊙	⊙	6.9	\$93,959
Milton S Hershey							
CABG without Valve	189	⊙	⊙	⊙	⊙	5.4	\$71,187
Valve without CABG	107	⊙	⊙	⊙	⊙	6.1	\$81,393
Valve with CABG	50	⊙	⊙	⊙	⊙	8.2	\$106,622
Total Valve	157	⊙	⊙	⊙	⊙	6.8	\$92,112
Penn Presbyterian							
CABG without Valve	224	⊙	⊙	⊙	⊙	6.9	\$183,913
Valve without CABG	155	⊙	⊙	●	●	7.6	\$198,064
Valve with CABG	95	⊙	NR	NR	NR	9.4	\$248,478
Total Valve	250	⊙	⊙	⊙	⊙	8.3	\$216,308
Pennsylvania 							
CABG without Valve	97	⊙	⊙	⊙	⊙	7.1	\$225,835
Valve without CABG	46	●	NR	NR	NR	8.5	\$246,107
Valve with CABG	30	⊙	NR	NR	NR	NR	\$262,540
Total Valve	76	⊙	●	⊙	⊙	8.5	\$250,742
Phoenixville							
CABG without Valve	80	⊙	●	●	⊙	6.1	\$207,708
Valve without CABG	14	NR	NR	NR	NR	NR	\$250,454
Valve with CABG	16	NR	NR	NR	NR	NR	\$248,435
Total Valve	30	⊙	⊙	NR	NR	NR	\$245,045

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NR Not rated (too few cases)

HOSPITAL DATA

	Number of Cases			Hospital Data 2007-2008 (Two Years Combined)				Post-Surgical Length of Stay	Average Hospital Charge	2007 Average Medicare Payment
				Mortality		Readmissions				
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day			
Pinnacle Health										
CABG without Valve	381	429	810	⊙	⊙	⊙	●	5.5	\$73,270	\$26,730
Valve without CABG	74	89	163	⊙	⊙	⊙	⊙	7.1	\$93,449	\$36,617
Valve with CABG	70	61	131	⊙	⊙	●	●	7.4	\$108,398	\$38,197
Total Valve	144	150	294	⊙	⊙	⊙	⊙	7.2	\$100,600	\$37,544
Pocono										
CABG without Valve	147	161	308	○	⊙	⊙	○	4.5	\$65,022	\$28,568
Valve without CABG	10	18	28	NR	NR	NR	NR	NR	\$84,770	NR
Valve with CABG	14	27	41	⊙	⊙	⊙	⊙	6.5	\$88,779	NR
Total Valve	24	45	69	⊙	⊙	⊙	⊙	6.1	\$85,218	\$41,746
Reading										
CABG without Valve	155	184	339	⊙	⊙	⊙	○	6.2	\$97,464	\$32,781
Valve without CABG	28	45	73	⊙	⊙	⊙	⊙	7.2	\$111,380	\$39,256
Valve with CABG	31	29	60	⊙	⊙	⊙	⊙	8.3	\$126,500	\$42,848
Total Valve	59	74	133	⊙	⊙	○	⊙	7.7	\$117,595	\$41,241
Robert Packer										
CABG without Valve	181	142	323	⊙	⊙	⊙	⊙	5.4	\$61,765	\$28,393
Valve without CABG	63	56	119	⊙	⊙	⊙	⊙	7.1	\$75,487	\$41,425
Valve with CABG	46	34	80	⊙	⊙	⊙	⊙	7.5	\$91,893	\$36,251
Total Valve	109	90	199	⊙	⊙	⊙	⊙	7.3	\$83,212	\$39,037
Saint Vincent Health										
CABG without Valve	340	333	673	⊙	⊙	⊙	⊙	5.3	\$136,907	\$28,885
Valve without CABG	30	39	69	⊙	⊙	○	○	7.0	\$180,404	NR
Valve with CABG	48	45	93	⊙	⊙	⊙	⊙	7.4	\$210,590	NR
Total Valve	78	84	162	⊙	⊙	○	○	7.1	\$194,694	\$42,261
Sharon Regional										
CABG without Valve	54	56	110	⊙	⊙	⊙	⊙	6.3	\$77,409	\$27,397
Valve without CABG	9	8	17	NR	NR	NR	NR	NR	\$81,235	NR
Valve with CABG	7	5	12	NR	NR	NR	NR	NR	NR	NR
Total Valve	16	13	29	NR	NR	NR	NR	NR	\$100,337	NR
St Clair Memorial										
CABG without Valve	175	166	341	⊙	⊙	⊙	⊙	5.1	\$62,864	\$20,561
Valve without CABG	29	29	58	⊙	⊙	⊙	⊙	6.6	\$80,872	NR
Valve with CABG	32	32	64	⊙	⊙	⊙	⊙	7.2	\$84,540	NR
Total Valve	61	61	122	⊙	⊙	⊙	⊙	6.8	\$82,091	\$32,333
St Joseph/Reading										
CABG without Valve	60	76	136	●	●	⊙	⊙	6.2	\$79,484	\$33,318
Valve without CABG	16	14	30	⊙	NR	NR	NR	NR	\$79,326	NR
Valve with CABG	20	12	32	●	●	NR	NR	NR	\$113,015	NR
Total Valve	36	26	62	●	●	●	●	7.1	\$94,457	\$44,116

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HOSPITAL DATA

	Hospital Data 2008						
	Number of Cases 2008	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
		In-Hospital	30-Day	7-Day	30-Day		
Pinnacle Health							
CABG without Valve	429	◉	◉	◉	●	5.6	\$75,775
Valve without CABG	89	●	◉	◉	◉	7.0	\$92,100
Valve with CABG	61	◉	◉	◉	◉	6.8	\$106,637
Total Valve	150	◉	◉	◉	◉	6.9	\$98,826
Pocono							
CABG without Valve	161	◉	◉	◉	◉	4.0	\$66,503
Valve without CABG	18	NR	NR	NR	NR	NR	\$90,959
Valve with CABG	27	NR	NR	NR	NR	NR	\$92,352
Total Valve	45	◉	◉	◉	◉	5.5	\$89,093
Reading							
CABG without Valve	184	◉	◉	◉	○	6.1	\$101,676
Valve without CABG	45	◉	◉	◉	◉	7.6	\$117,355
Valve with CABG	29	NR	NR	NR	NR	NR	\$128,377
Total Valve	74	◉	◉	◉	◉	7.9	\$122,167
Robert Packer							
CABG without Valve	142	◉	◉	◉	◉	5.2	\$65,987
Valve without CABG	56	◉	NR	NR	NR	7.4	\$80,917
Valve with CABG	34	◉	NR	NR	NR	8.6	\$100,011
Total Valve	90	◉	◉	◉	◉	7.9	\$89,183
Saint Vincent Health							
CABG without Valve	333	◉	◉	◉	◉	5.3	\$137,133
Valve without CABG	39	◉	◉	◉	○	6.9	\$178,935
Valve with CABG	45	◉	◉	◉	◉	7.2	\$214,319
Total Valve	84	◉	◉	○	○	7.0	\$196,891
Sharon Regional							
CABG without Valve	56	◉	◉	◉	◉	6.4	\$81,125
Valve without CABG	8	NR	NR	NR	NR	NR	NR
Valve with CABG	5	NR	NR	NR	NR	NR	NR
Total Valve	13	NR	NR	NR	NR	NR	\$108,435
St Clair Memorial							
CABG without Valve	166	◉	◉	◉	◉	5.3	\$66,240
Valve without CABG	29	NR	NR	NR	NR	NR	\$84,604
Valve with CABG	32	◉	◉	◉	◉	7.2	\$83,785
Total Valve	61	◉	◉	◉	◉	6.8	\$83,628
St Joseph/Reading							
CABG without Valve	76	●	●	●	●	6.5	\$85,811
Valve without CABG	14	NR	NR	NR	NR	NR	\$81,540
Valve with CABG	12	NR	NR	NR	NR	NR	NR
Total Valve	26	NR	NR	NR	NR	NR	\$102,592

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NR Not rated (too few cases)

HOSPITAL DATA

	Number of Cases			Hospital Data 2007-2008 (Two Years Combined)				2007 Average Medicare Payment		
				Mortality		Readmissions			Post-Surgical Length of Stay	Average Hospital Charge
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day			
St Luke's/Bethlehem										
CABG without Valve	173	155	328	⊙	⊙	⊙	⊙	6.3	\$161,533	\$36,774
Valve without CABG	46	43	89	⊙	⊙	⊙	⊙	6.8	\$183,335	\$42,303
Valve with CABG	37	38	75	⊙	⊙	⊙	⊙	9.3	\$239,515	\$69,419
Total Valve	83	81	164	⊙	⊙	⊙	⊙	7.8	\$207,948	\$54,207
St Mary										
CABG without Valve	183	183	366	⊙	⊙	⊙	●	5.2	\$97,206	\$29,718
Valve without CABG	43	31	74	⊙	⊙	⊙	●	6.2	\$146,016	\$39,612
Valve with CABG	35	48	83	⊙	⊙	⊙	⊙	8.0	\$166,803	\$39,255
Total Valve	78	79	157	⊙	⊙	⊙	⊙	7.0	\$155,247	\$39,446
Temple University										
CABG without Valve	119	110	229	⊙	⊙	⊙	⊙	6.5	\$371,252	\$43,348
Valve without CABG	32	23	55	●	●	⊙	⊙	7.7	\$438,804	NR
Valve with CABG	19	16	35	⊙	NR	NR	NR	11.4	\$523,899	NR
Total Valve	51	39	90	⊙	⊙	⊙	⊙	9.0	\$469,866	\$73,872
Thomas Jefferson Univ										
CABG without Valve	149	118	267	⊙	⊙	⊙	●	6.9	\$190,579	\$45,164
Valve without CABG	58	53	111	●	⊙	●	●	8.5	\$214,815	\$63,422
Valve with CABG	34	29	63	⊙	⊙	⊙	●	9.6	\$251,759	\$61,344
Total Valve	92	82	174	⊙	⊙	●	●	9.0	\$228,492	\$62,523
UPMC Mercy										
CABG without Valve	177	181	358	⊙	⊙	⊙	⊙	6.3	\$86,409	\$33,815
Valve without CABG	25	28	53	⊙	⊙	⊙	⊙	7.8	\$103,810	NR
Valve with CABG	33	44	77	⊙	⊙	⊙	⊙	10.1	\$136,534	NR
Total Valve	58	72	130	⊙	⊙	⊙	⊙	8.9	\$120,263	\$48,394
UPMC Passavant										
CABG without Valve	192	201	393	○	○	⊙	⊙	6.7	\$93,167	\$22,891
Valve without CABG	88	69	157	⊙	⊙	⊙	⊙	8.3	\$103,963	\$32,181
Valve with CABG	78	67	145	⊙	⊙	⊙	⊙	9.3	\$132,268	\$33,419
Total Valve	166	136	302	⊙	⊙	⊙	⊙	8.7	\$117,798	\$32,728
UPMC Presby Shadyside										
CABG without Valve	603	623	1,226	●	●	⊙	⊙	6.7	\$213,029	\$35,566
Valve without CABG	217	196	413	⊙	⊙	⊙	⊙	8.0	\$244,801	\$53,239
Valve with CABG	225	193	418	●	●	⊙	⊙	9.5	\$330,825	\$55,266
Total Valve	442	389	831	⊙	⊙	⊙	⊙	8.7	\$287,097	\$54,355
WVHCS										
CABG without Valve	211	236	447	⊙	⊙	⊙	⊙	5.5	\$68,242	\$25,336
Valve without CABG	15	31	46	⊙	⊙	⊙	⊙	6.9	\$100,374	NR
Valve with CABG	35	33	68	●	⊙	⊙	⊙	8.6	\$115,384	NR
Total Valve	50	64	114	⊙	⊙	⊙	⊙	7.7	\$106,980	\$37,007

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NR Not rated (too few cases)

HOSPITAL DATA

	Hospital Data 2008						
	Number of Cases 2008	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
		In-Hospital	30-Day	7-Day	30-Day		
St Luke's/Bethlehem							
CABG without Valve	155	○	○	○	○	5.9	\$172,912
Valve without CABG	43	○	○	○	○	6.4	\$207,449
Valve with CABG	38	○	○	○	○	8.6	\$222,382
Total Valve	81	○	○	○	○	7.3	\$211,430
St Mary							
CABG without Valve	183	○	○	○	○	4.9	\$99,579
Valve without CABG	31	○	NR	NR	NR	6.0	\$132,325
Valve with CABG	48	○	○	○	○	8.0	\$175,034
Total Valve	79	○	○	○	○	6.9	\$154,916
Temple University							
CABG without Valve	110	○	○	○	○	6.6	\$366,962
Valve without CABG	23	NR	NR	NR	NR	NR	\$457,018
Valve with CABG	16	NR	NR	NR	NR	NR	NR
Total Valve	39	○	NR	NR	NR	8.4	\$481,137
Thomas Jefferson Univ							
CABG without Valve	118	○	○	○	○	7.0	\$182,908
Valve without CABG	53	○	○	○	●	8.0	\$204,703
Valve with CABG	29	NR	NR	NR	NR	NR	\$224,702
Total Valve	82	○	○	○	●	8.7	\$212,178
UPMC Mercy							
CABG without Valve	181	○	○	○	○	6.4	\$88,944
Valve without CABG	28	NR	NR	NR	NR	NR	\$111,427
Valve with CABG	44	○	○	○	○	9.6	\$134,829
Total Valve	72	○	○	○	○	8.6	\$122,743
UPMC Passavant							
CABG without Valve	201	○	○	○	○	6.6	\$93,187
Valve without CABG	69	○	○	○	○	7.9	\$99,278
Valve with CABG	67	○	○	○	○	8.7	\$129,942
Total Valve	136	○	○	○	○	8.2	\$114,283
UPMC Presby Shadyside							
CABG without Valve	623	●	●	○	○	6.9	\$226,227
Valve without CABG	196	○	○	○	○	7.7	\$247,279
Valve with CABG	193	●	●	○	○	9.6	\$348,917
Total Valve	389	○	○	○	○	8.5	\$296,393
WVHCS							
CABG without Valve	236	○	○	○	○	5.6	\$71,015
Valve without CABG	31	○	○	○	○	7.0	\$104,890
Valve with CABG	33	○	○	○	○	9.2	\$127,881
Total Valve	64	○	○	○	○	8.0	\$115,068

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HOSPITAL DATA

	Number of Cases			Hospital Data 2007-2008 (Two Years Combined)				Post-Surgical Length of Stay	Average Hospital Charge	2007 Average Medicare Payment
				Mortality		Readmissions				
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day			
Washington										
CABG without Valve	106	107	213	○	○	○	○	5.5	\$66,948	\$26,158
Valve without CABG	44	34	78	○	○	●	●	6.9	\$103,958	NR
Valve with CABG	28	29	57	○	○	●	●	7.3	\$109,423	NR
Total Valve	72	63	135	○	○	●	●	7.1	\$107,466	\$36,590
Western PA Hosp/Forbes¹										
CABG without Valve	0	75	75	○	○	○	○	5.6	\$70,447	NR
Valve without CABG	0	17	17	NR	NR	NR	NR	NR	\$95,481	NR
Valve with CABG	0	23	23	NR	NR	NR	NR	NR	\$104,077	NR
Total Valve	0	40	40	○	○	○	○	6.6	\$98,562	NR
Western Pennsylvania										
CABG without Valve	300	206	506	○	○	○	○	6.2	\$114,756	\$34,925
Valve without CABG	65	45	110	○	○	○	○	7.4	\$128,230	\$47,943
Valve with CABG	71	45	116	○	○	○	○	8.9	\$168,961	\$45,718
Total Valve	136	90	226	○	○	○	○	8.1	\$148,265	\$46,521
Williamsport										
CABG without Valve	42	97	139	○	○	○	○	5.1	\$65,402	\$24,703
Valve without CABG	11	26	37	○	○	○	○	6.3	\$85,097	NR
Valve with CABG	10	17	27	NR	NR	NR	NR	NR	\$93,603	NR
Total Valve	21	43	64	○	○	○	○	6.7	\$88,340	\$30,131
York										
CABG without Valve	272	294	566	○	○	○	○	6.4	\$59,461	\$31,172
Valve without CABG	76	76	152	○	○	○	○	7.8	\$73,310	\$41,998
Valve with CABG	90	68	158	○	○	○	○	9.9	\$88,866	\$48,326
Total Valve	166	144	310	○	○	○	○	8.7	\$80,585	\$45,820

¹ Started performing CABG/valve procedures Q1-2008.

Indicates this hospital has submitted comments regarding the data. These comments are included on the PHC4 website at www.phc4.org/reports/cabg/08/comments.htm

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

HOSPITAL DATA

	Hospital Data 2008						
	Number of Cases 2008	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
		In-Hospital	30-Day	7-Day	30-Day		
Washington							
CABG without Valve	107	◉	◉	◉	◉	5.8	\$75,178
Valve without CABG	34	◉	◉	●	◉	6.1	\$110,323
Valve with CABG	29	NR	NR	NR	NR	NR	\$117,801
Total Valve	63	◉	◉	●	●	6.4	\$113,884
Western PA Hosp/Forbes¹							
CABG without Valve	75	◉	◉	◉	◉	5.6	\$73,101
Valve without CABG	17	NR	NR	NR	NR	NR	\$96,864
Valve with CABG	23	NR	NR	NR	NR	NR	\$103,576
Total Valve	40	◉	◉	◉	◉	6.6	\$98,967
Western Pennsylvania							
CABG without Valve	206	◉	◉	◉	◉	6.3	\$120,065
Valve without CABG	45	◉	◉	◉	●	8.0	\$142,929
Valve with CABG	45	◉	◉	◉	●	9.3	\$178,884
Total Valve	90	◉	◉	◉	●	8.5	\$160,546
Williamsport							
CABG without Valve	97	◉	◉	◉	◉	5.1	\$66,413
Valve without CABG	26	NR	NR	NR	NR	NR	\$83,715
Valve with CABG	17	NR	NR	NR	NR	NR	\$88,396
Total Valve	43	◉	◉	◉	◉	6.6	\$85,574
York							
CABG without Valve	294	◉	◉	◉	◉	6.5	\$62,303
Valve without CABG	76	◉	◉	◉	◉	7.5	\$72,647
Valve with CABG	68	◉	◉	◉	◉	9.4	\$87,772
Total Valve	144	◉	◉	◉	◉	8.3	\$79,403

¹ Started performing CABG/valve procedures Q1-2008.

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◉ Lower than expected
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NR Not rated (too few cases)

SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Abrishamchian, A. Reza								
CABG without Valve	46	54	100	◉	◉	◉	◉	5.7
Valve without CABG	0	4	4	NR	NR	NR	NR	NR
Valve with CABG	0	4	4	NR	NR	NR	NR	NR
Total Valve	0	8	8	NR	NR	NR	NR	NR
Acker, Michael A.								
CABG without Valve	31	45	76	◉	◉	◉	◉	6.6
Valve without CABG	109	119	228	◉	◉	◉	◉	7.3
Valve with CABG	54	62	116	◉	◉	◉	◉	9.2
Total Valve	163	181	344	◉	◉	◉	◉	8.0
Addonizio, V. Paul								
CABG without Valve	32	23	55	◉	◉	◉	◉	6.4
Valve without CABG	91	97	188	●	●	◉	◉	8.7
Valve with CABG	19	27	46	◉	●	◉	◉	9.5
Total Valve	110	124	234	●	●	◉	◉	9.2
Anastasi, John S.								
CABG without Valve	64	74	138	◉	◉	●	◉	5.7
Valve without CABG	40	28	68	◉	●	◉	◉	7.8
Valve with CABG	17	19	36	◉	◉	◉	●	8.5
Total Valve	57	47	104	◉	◉	◉	◉	8.1
Anderson, John								
CABG without Valve	59	22	81	◉	◉	◉	◉	5.1
Valve without CABG	7	15	22	NR	NR	NR	NR	NR
Valve with CABG	7	7	14	NR	NR	NR	NR	NR
Total Valve	14	22	36	◉	NR	NR	NR	6.6
Anene, Charles								
CABG without Valve	35	24	59	●	●	●	●	6.4
Valve without CABG	3	3	6	NR	NR	NR	NR	NR
Valve with CABG	2	3	5	NR	NR	NR	NR	NR
Total Valve	5	6	11	NR	NR	NR	NR	NR
Angelico, Richard J.								
CABG without Valve	57	49	106	◉	◉	◉	◉	6.0
Valve without CABG	8	10	18	NR	NR	NR	NR	NR
Valve with CABG	18	11	29	NR	NR	NR	NR	NR
Total Valve	26	21	47	◉	NR	NR	NR	7.9
Aufiero, Thomas X.								
CABG without Valve	8	0	8	NR	NR	NR	NR	NR
Valve without CABG	4	0	4	NR	NR	NR	NR	NR
Valve with CABG	1	0	1	NR	NR	NR	NR	NR
Total Valve	5	0	5	NR	NR	NR	NR	NR

◉ Lower than expected
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NR Not rated (too few cases)

SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Auteri, Joseph S.								
CABG without Valve	85	117	202	⊙	⊙	⊙	⊙	5.0
Valve without CABG	30	43	73	⊙	⊙	⊙	⊙	5.6
Valve with CABG	29	37	66	⊙	⊙	⊙	⊙	6.3
Total Valve	59	80	139	⊙	⊙	⊙	⊙	5.9
Bailey, Stephen H.								
CABG without Valve	79	80	159	⊙	⊙	⊙	⊙	6.5
Valve without CABG	27	39	66	⊙	⊙	⊙	⊙	7.8
Valve with CABG	26	12	38	⊙	⊙	⊙	⊙	9.7
Total Valve	53	51	104	⊙	⊙	⊙	⊙	8.5
Bavaria, Joseph E.								
CABG without Valve	7	8	15	NR	NR	NR	NR	NR
Valve without CABG	80	89	169	⊙	⊙	⊙	⊙	7.7
Valve with CABG	32	21	53	⊙	⊙	⊙	⊙	8.6
Total Valve	112	110	222	⊙	⊙	⊙	⊙	8.1
Benckart, Daniel H.								
CABG without Valve	6	0	6	NR	NR	NR	NR	NR
Valve without CABG	7	0	7	NR	NR	NR	NR	NR
Valve with CABG	5	0	5	NR	NR	NR	NR	NR
Total Valve	12	0	12	NR	NR	NR	NR	NR
Bennett, Robert D.								
CABG without Valve	75	50	125	⊙	⊙	⊙	⊙	6.4
Valve without CABG	10	5	15	NR	NR	NR	NR	NR
Valve with CABG	17	6	23	NR	NR	NR	NR	NR
Total Valve	27	11	38	⊙	⊙	⊙	⊙	10.8
Benoit, Charles H.								
CABG without Valve	90	77	167	⊙	⊙	⊙	⊙	5.8
Valve without CABG	19	32	51	⊙	⊙	⊙	⊙	8.7
Valve with CABG	24	18	42	●	●	⊙	⊙	9.8
Total Valve	43	50	93	●	●	⊙	⊙	9.2
Bermudez, Christian								
CABG without Valve	10	42	52	●	⊙	⊙	⊙	8.3
Valve without CABG	8	9	17	NR	NR	NR	NR	NR
Valve with CABG	3	9	12	NR	NR	NR	NR	NR
Total Valve	11	18	29	NR	NR	NR	NR	NR
Bernabei, Alvise F.								
CABG without Valve	22	19	41	⊙	⊙	⊙	⊙	6.2
Valve without CABG	7	3	10	NR	NR	NR	NR	NR
Valve with CABG	3	4	7	NR	NR	NR	NR	NR
Total Valve	10	7	17	NR	NR	NR	NR	NR

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SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Biswas, Kunda S.								
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
Boateng, Percy								
CABG without Valve	30	19	49	⊙	⊙	⊙	⊙	8.0
Valve without CABG	1	2	3	NR	NR	NR	NR	NR
Valve with CABG	2	0	2	NR	NR	NR	NR	NR
Total Valve	3	2	5	NR	NR	NR	NR	NR
Bogar, Linda J.								
CABG without Valve	73	45	118	⊙	⊙	⊙	⊙	5.8
Valve without CABG	11	15	26	NR	NR	NR	NR	NR
Valve with CABG	10	6	16	NR	NR	NR	NR	NR
Total Valve	21	21	42	⊙	⊙	⊙	⊙	9.0
Boonswang, Narongsak Ab								
CABG without Valve	33	29	62	⊙	⊙	⊙	⊙	6.9
Valve without CABG	10	4	14	NR	NR	NR	NR	NR
Valve with CABG	16	10	26	NR	NR	NR	NR	NR
Total Valve	26	14	40	⊙	⊙	⊙	⊙	8.6
Boova, Robert S.								
CABG without Valve	50	66	116	⊙	⊙	⊙	⊙	5.9
Valve without CABG	43	34	77	⊙	⊙	⊙	⊙	7.2
Valve with CABG	19	13	32	⊙	⊙	NR	NR	NR
Total Valve	62	47	109	⊙	⊙	⊙	⊙	7.5
Bridges, Charles R.								
CABG without Valve	89	68	157	⊙	⊙	⊙	⊙	6.8
Valve without CABG	27	46	73	●	●	⊙	⊙	8.5
Valve with CABG	17	27	44	⊙	⊙	⊙	⊙	8.9
Total Valve	44	73	117	⊙	●	⊙	⊙	8.7
Brown, Paul								
CABG without Valve	21	14	35	⊙	⊙	⊙	⊙	6.8
Valve without CABG	3	4	7	NR	NR	NR	NR	NR
Valve with CABG	5	3	8	NR	NR	NR	NR	NR
Total Valve	8	7	15	NR	NR	NR	NR	NR
Buenaventura, Percival O.								
CABG without Valve	7	0	7	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

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NR Not rated (too few cases)

SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Burlingame, Mark W.								
CABG without Valve	155	166	321	●	⊙	⊙	⊙	5.7
Valve without CABG	51	46	97	⊙	⊙	⊙	⊙	7.0
Valve with CABG	55	53	108	⊙	⊙	⊙	⊙	8.2
Total Valve	106	99	205	⊙	⊙	⊙	⊙	7.5
Butler, Michael D.								
CABG without Valve	107	69	176	⊙	⊙	⊙	⊙	6.2
Valve without CABG	26	9	35	⊙	NR	NR	NR	7.3
Valve with CABG	34	12	46	⊙	NR	NR	NR	9.7
Total Valve	60	21	81	⊙	⊙	⊙	⊙	8.4
Cahill, Anne T.								
CABG without Valve	0	65	65	⊙	⊙	⊙	⊙	4.7
Valve without CABG	0	3	3	NR	NR	NR	NR	NR
Valve with CABG	0	12	12	NR	NR	NR	NR	NR
Total Valve	0	15	15	NR	NR	NR	NR	NR
Campbell, David B.								
CABG without Valve	19	23	42	⊙	⊙	⊙	⊙	6.1
Valve without CABG	16	24	40	⊙	⊙	⊙	⊙	5.9
Valve with CABG	9	16	25	NR	NR	NR	NR	NR
Total Valve	25	40	65	⊙	⊙	⊙	⊙	7.0
Casale, Alfred S.								
CABG without Valve	35	29	64	⊙	⊙	⊙	⊙	5.6
Valve without CABG	9	11	20	NR	NR	NR	NR	NR
Valve with CABG	10	5	15	NR	NR	NR	NR	NR
Total Valve	19	16	35	⊙	⊙	⊙	⊙	6.2
Casey, Kevin								
CABG without Valve	51	50	101	⊙	⊙	⊙	⊙	7.3
Valve without CABG	12	9	21	NR	NR	NR	NR	NR
Valve with CABG	15	7	22	NR	NR	NR	NR	NR
Total Valve	27	16	43	●	⊙	⊙	⊙	8.7
Cavarocchi, Nicholas C.								
CABG without Valve	0	3	3	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
Chatterjee, Subhasis								
CABG without Valve	10	0	10	NR	NR	NR	NR	NR
Valve without CABG	4	0	4	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	4	0	4	NR	NR	NR	NR	NR

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SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Childers, Henry E.								
CABG without Valve	88	23	111	●	●	⊙	●	5.6
Valve without CABG	16	6	22	NR	NR	NR	NR	NR
Valve with CABG	12	9	21	NR	NR	NR	NR	NR
Total Valve	28	15	43	⊙	●	⊙	⊙	8.1
Clark, Joseph B.								
CABG without Valve	0	0	0	NR	NR	NR	NR	NR
Valve without CABG	2	4	6	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	2	4	6	NR	NR	NR	NR	NR
Cope, Jeffrey T.								
CABG without Valve	126	150	276	⊙	⊙	●	⊙	5.3
Valve without CABG	42	47	89	⊙	⊙	⊙	⊙	7.3
Valve with CABG	58	51	109	⊙	⊙	⊙	⊙	8.1
Total Valve	100	98	198	⊙	⊙	⊙	⊙	7.6
Crouch, Ray D.								
CABG without Valve	24	48	72	⊙	⊙	⊙	⊙	6.4
Valve without CABG	2	7	9	NR	NR	NR	NR	NR
Valve with CABG	8	14	22	NR	NR	NR	NR	NR
Total Valve	10	21	31	⊙	NR	NR	NR	9.8
Culig, Michael H.								
CABG without Valve	88	83	171	⊙	⊙	⊙	⊙	6.0
Valve without CABG	26	23	49	⊙	⊙	⊙	⊙	6.3
Valve with CABG	24	24	48	⊙	⊙	⊙	⊙	7.3
Total Valve	50	47	97	⊙	⊙	⊙	⊙	6.7
Darrell, John C.								
CABG without Valve	95	89	184	⊙	⊙	⊙	⊙	5.6
Valve without CABG	7	8	15	NR	NR	NR	NR	NR
Valve with CABG	9	18	27	NR	NR	NR	NR	NR
Total Valve	16	26	42	●	●	⊙	⊙	8.0
Dasika, Uday K.								
CABG without Valve	29	35	64	⊙	⊙	⊙	⊙	6.6
Valve without CABG	5	7	12	NR	NR	NR	NR	NR
Valve with CABG	6	7	13	NR	NR	NR	NR	NR
Total Valve	11	14	25	NR	NR	NR	NR	NR
Davliakos, George P.								
CABG without Valve	89	100	189	⊙	⊙	⊙	⊙	6.2
Valve without CABG	23	20	43	⊙	⊙	⊙	⊙	7.8
Valve with CABG	12	17	29	NR	NR	NR	NR	NR
Total Valve	35	37	72	⊙	⊙	⊙	⊙	8.5

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SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Dean, David A.								
CABG without Valve	39	54	93	◉	◉	◉	◉	7.1
Valve without CABG	11	11	22	NR	NR	NR	NR	NR
Valve with CABG	5	7	12	NR	NR	NR	NR	NR
Total Valve	16	18	34	◉	NR	NR	NR	11.8
Deshpande, Anil S.								
CABG without Valve	31	17	48	●	●	●	◉	5.5
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
Devineni, Rajsekhar								
CABG without Valve	98	80	178	◉	◉	◉	◉	4.9
Valve without CABG	25	23	48	◉	◉	◉	◉	5.4
Valve with CABG	35	27	62	◉	◉	◉	◉	6.3
Total Valve	60	50	110	◉	○	◉	◉	5.8
DiMarco Jr., Ross F.								
CABG without Valve	113	101	214	◉	◉	◉	◉	6.0
Valve without CABG	24	22	46	◉	◉	◉	◉	8.1
Valve with CABG	26	34	60	◉	◉	◉	◉	9.9
Total Valve	50	56	106	◉	◉	◉	◉	8.9
DiSesa, Verdi J.								
CABG without Valve	46	28	74	◉	◉	◉	◉	5.8
Valve without CABG	14	14	28	NR	NR	NR	NR	NR
Valve with CABG	12	5	17	NR	NR	NR	NR	NR
Total Valve	26	19	45	●	●	◉	◉	7.6
Diehl, James T.								
CABG without Valve	76	52	128	◉	◉	●	◉	6.7
Valve without CABG	47	39	86	◉	◉	●	●	8.0
Valve with CABG	19	17	36	◉	NR	NR	NR	9.2
Total Valve	66	56	122	◉	◉	●	●	8.5
Duhay, Francis G.								
CABG without Valve	31	12	43	◉	◉	●	◉	6.9
Valve without CABG	4	0	4	NR	NR	NR	NR	NR
Valve with CABG	2	0	2	NR	NR	NR	NR	NR
Total Valve	6	0	6	NR	NR	NR	NR	NR
Ehrman, Walter								
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

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NR Not rated (too few cases)

SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
El-Khatib, Hazem N.								
CABG without Valve	83	100	183	⊙	⊙	⊙	⊙	6.1
Valve without CABG	16	20	36	⊙	⊙	⊙	⊙	8.9
Valve with CABG	16	27	43	⊙	⊙	⊙	⊙	9.4
Total Valve	32	47	79	⊙	⊙	⊙	⊙	9.0
Entwistle III, John W.								
CABG without Valve	41	44	85	⊙	⊙	⊙	⊙	7.3
Valve without CABG	7	6	13	NR	NR	NR	NR	NR
Valve with CABG	7	10	17	NR	NR	NR	NR	NR
Total Valve	14	16	30	⊙	NR	NR	NR	NR
Esrig, Barry								
CABG without Valve	15	55	70	⊙	⊙	⊙	⊙	5.5
Valve without CABG	7	21	28	NR	NR	NR	NR	NR
Valve with CABG	5	15	20	NR	NR	NR	NR	NR
Total Valve	12	36	48	⊙	NR	NR	NR	8.4
Fall, Stephen M.								
CABG without Valve	64	63	127	⊙	●	⊙	⊙	5.4
Valve without CABG	12	11	23	NR	NR	NR	NR	NR
Valve with CABG	10	16	26	NR	NR	NR	NR	NR
Total Valve	22	27	49	⊙	⊙	⊙	⊙	7.1
Fazi, Burt								
CABG without Valve	78	48	126	⊙	⊙	⊙	⊙	5.9
Valve without CABG	19	13	32	⊙	⊙	⊙	⊙	7.0
Valve with CABG	8	12	20	NR	NR	NR	NR	NR
Total Valve	27	25	52	⊙	⊙	●	⊙	8.0
Feaster III, Marshall M.								
CABG without Valve	51	47	98	⊙	⊙	⊙	○	6.4
Valve without CABG	6	7	13	NR	NR	NR	NR	NR
Valve with CABG	8	6	14	NR	NR	NR	NR	NR
Total Valve	14	13	27	NR	NR	NR	NR	NR
Ferdinand, Francis D.								
CABG without Valve	62	66	128	⊙	⊙	⊙	○	6.0
Valve without CABG	15	18	33	⊙	⊙	⊙	⊙	7.7
Valve with CABG	15	15	30	⊙	NR	NR	NR	NR
Total Valve	30	33	63	⊙	⊙	⊙	⊙	7.8
Fitzgibbon, Leo D.								
CABG without Valve	62	63	125	⊙	⊙	⊙	⊙	5.5
Valve without CABG	46	30	76	⊙	⊙	⊙	⊙	7.1
Valve with CABG	34	20	54	⊙	⊙	⊙	⊙	7.5
Total Valve	80	50	130	⊙	⊙	⊙	⊙	7.3

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

SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Fulton, Jeffrey A.								
CABG without Valve	9	0	9	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
Furukawa, Satoshi								
CABG without Valve	50	55	105	⊙	⊙	⊙	⊙	6.4
Valve without CABG	11	11	22	NR	NR	NR	NR	NR
Valve with CABG	16	16	32	⊙	NR	NR	NR	NR
Total Valve	27	27	54	⊙	⊙	⊙	⊙	9.4
Garrido, Mauricio								
CABG without Valve	61	88	149	⊙	⊙	⊙	⊙	6.7
Valve without CABG	0	1	1	NR	NR	NR	NR	NR
Valve with CABG	3	1	4	NR	NR	NR	NR	NR
Total Valve	3	2	5	NR	NR	NR	NR	NR
Ghalili, Kouros								
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
Gleason, Thomas G.								
CABG without Valve	57	73	130	⊙	⊙	⊙	⊙	6.3
Valve without CABG	20	21	41	⊙	⊙	⊙	⊙	7.1
Valve with CABG	26	22	48	⊙	⊙	●	⊙	9.6
Total Valve	46	43	89	⊙	⊙	⊙	⊙	8.2
Goldberg, Aron T.								
CABG without Valve	157	111	268	⊙	⊙	⊙	⊙	5.2
Valve without CABG	5	5	10	NR	NR	NR	NR	NR
Valve with CABG	16	10	26	NR	NR	NR	NR	NR
Total Valve	21	15	36	⊙	⊙	⊙	⊙	6.1
Goldman, Scott M.								
CABG without Valve	10	13	23	NR	NR	NR	NR	NR
Valve without CABG	100	105	205	⊙	⊙	⊙	⊙	6.2
Valve with CABG	22	20	42	⊙	⊙	⊙	⊙	9.5
Total Valve	122	125	247	⊙	⊙	⊙	⊙	6.9
Grau, Juan B.								
CABG without Valve	0	1	1	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

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NR Not rated (too few cases)

SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Grunewald, Karl E.								
CABG without Valve	124	105	229	⊙	⊙	⊙	⊙	6.1
Valve without CABG	15	15	30	⊙	NR	NR	NR	7.2
Valve with CABG	10	3	13	NR	NR	NR	NR	NR
Total Valve	25	18	43	⊙	⊙	⊙	⊙	7.8
Guerraty, Albert J.								
CABG without Valve	103	73	176	⊙	⊙	⊙	⊙	6.3
Valve without CABG	13	8	21	NR	NR	NR	NR	NR
Valve with CABG	11	9	20	NR	NR	NR	NR	NR
Total Valve	24	17	41	⊙	●	NR	NR	9.0
Gurbuz, Tayfun								
CABG without Valve	13	96	109	⊙	⊙	⊙	⊙	4.9
Valve without CABG	3	26	29	NR	NR	NR	NR	NR
Valve with CABG	2	17	19	NR	NR	NR	NR	NR
Total Valve	5	43	48	⊙	⊙	⊙	⊙	6.5
Hargrove III, W. Clark								
CABG without Valve	46	52	98	⊙	NR	NR	NR	7.0
Valve without CABG	114	112	226	⊙	⊙	⊙	⊙	7.7
Valve with CABG	46	40	86	⊙	NR	NR	NR	9.4
Total Valve	160	152	312	⊙	⊙	⊙	⊙	8.3
Harostock, Michael								
CABG without Valve	211	236	447	⊙	⊙	⊙	⊙	5.5
Valve without CABG	15	31	46	⊙	⊙	⊙	⊙	6.9
Valve with CABG	35	33	68	●	⊙	⊙	⊙	8.6
Total Valve	50	64	114	⊙	⊙	⊙	⊙	7.7
Haupt, Hans M.								
CABG without Valve	63	32	95	⊙	⊙	⊙	⊙	6.4
Valve without CABG	6	9	15	NR	NR	NR	NR	NR
Valve with CABG	6	8	14	NR	NR	NR	NR	NR
Total Valve	12	17	29	NR	NR	NR	NR	NR
Haybron, David M.								
CABG without Valve	106	119	225	⊙	⊙	⊙	⊙	6.3
Valve without CABG	28	31	59	⊙	⊙	⊙	⊙	7.4
Valve with CABG	30	38	68	⊙	⊙	⊙	⊙	9.1
Total Valve	58	69	127	⊙	⊙	●	●	8.2
Henry, Scott E.								
CABG without Valve	5	5	10	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

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SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Herlan, David B.								
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
Hetzler, Norman A.								
CABG without Valve	68	58	126	◉	●	◉	●	5.6
Valve without CABG	15	8	23	NR	NR	NR	NR	NR
Valve with CABG	15	20	35	◉	◉	◉	◉	7.7
Total Valve	30	28	58	◉	◉	◉	◉	7.0
Highbloom, Richard Y.								
CABG without Valve	39	0	39	◉	◉	◉	◉	5.2
Valve without CABG	4	0	4	NR	NR	NR	NR	NR
Valve with CABG	4	0	4	NR	NR	NR	NR	NR
Total Valve	8	0	8	NR	NR	NR	NR	NR
Holland, Fred W.								
CABG without Valve	38	0	38	◉	◉	◉	◉	5.5
Valve without CABG	10	0	10	NR	NR	NR	NR	NR
Valve with CABG	16	0	16	NR	NR	NR	NR	NR
Total Valve	26	0	26	NR	NR	NR	NR	NR
Jayakar, David								
CABG without Valve	0	44	44	◉	◉	◉	◉	5.0
Valve without CABG	0	3	3	NR	NR	NR	NR	NR
Valve with CABG	0	5	5	NR	NR	NR	NR	NR
Total Valve	0	8	8	NR	NR	NR	NR	NR
Katigbak, Mario Winn								
CABG without Valve	0	7	7	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
Kormos, Robert L.								
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
Kuretu, M.L. Ray								
CABG without Valve	37	39	76	◉	◉	◉	●	6.5
Valve without CABG	7	6	13	NR	NR	NR	NR	NR
Valve with CABG	1	3	4	NR	NR	NR	NR	NR
Total Valve	8	9	17	NR	NR	NR	NR	NR

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SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Lazar, Michael J.								
CABG without Valve	82	102	184	⊙	⊙	⊙	⊙	5.4
Valve without CABG	6	7	13	NR	NR	NR	NR	NR
Valve with CABG	13	11	24	NR	NR	NR	NR	NR
Total Valve	19	18	37	⊙	⊙	⊙	⊙	7.1
LeBoutillier III, Martin								
CABG without Valve	49	70	119	⊙	⊙	⊙	⊙	6.1
Valve without CABG	9	25	34	⊙	⊙	⊙	●	7.5
Valve with CABG	10	9	19	NR	NR	NR	NR	NR
Total Valve	19	34	53	⊙	⊙	⊙	●	7.6
Lico, Serrie C.								
CABG without Valve	99	72	171	⊙	⊙	⊙	⊙	4.6
Valve without CABG	16	13	29	NR	NR	NR	NR	NR
Valve with CABG	19	25	44	⊙	⊙	⊙	⊙	7.2
Total Valve	35	38	73	⊙	⊙	⊙	⊙	6.4
Lima, Claudio A. B.								
CABG without Valve	155	125	280	⊙	⊙	⊙	○	6.6
Valve without CABG	20	34	54	⊙	⊙	⊙	⊙	7.8
Valve with CABG	38	34	72	⊙	⊙	⊙	⊙	8.0
Total Valve	58	68	126	⊙	⊙	⊙	⊙	7.8
Macha, Mahender								
CABG without Valve	16	0	16	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
Machiraju, Venkata R.								
CABG without Valve	132	121	253	⊙	⊙	⊙	⊙	6.7
Valve without CABG	63	68	131	⊙	⊙	⊙	⊙	7.4
Valve with CABG	75	68	143	⊙	⊙	⊙	⊙	8.3
Total Valve	138	136	274	○	⊙	⊙	⊙	7.8
Magovern Jr., George J.								
CABG without Valve	26	22	48	⊙	●	⊙	⊙	7.5
Valve without CABG	54	47	101	⊙	⊙	⊙	⊙	8.3
Valve with CABG	13	16	29	NR	NR	NR	NR	NR
Total Valve	67	63	130	⊙	⊙	⊙	⊙	9.3
Maher, Thomas								
CABG without Valve	60	50	110	⊙	⊙	⊙	○	6.6
Valve without CABG	27	40	67	⊙	⊙	⊙	⊙	8.6
Valve with CABG	16	17	33	⊙	⊙	NR	NR	9.5
Total Valve	43	57	100	⊙	⊙	⊙	⊙	9.0

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SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Marbey, Mark								
CABG without Valve	22	82	104	◉	◉	◉	◉	5.5
Valve without CABG	5	23	28	NR	NR	NR	NR	NR
Valve with CABG	3	14	17	NR	NR	NR	NR	NR
Total Valve	8	37	45	◉	◉	◉	◉	7.4
Marrone, Gary C.								
CABG without Valve	13	34	47	●	◉	◉	◉	6.6
Valve without CABG	2	5	7	NR	NR	NR	NR	NR
Valve with CABG	2	4	6	NR	NR	NR	NR	NR
Total Valve	4	9	13	NR	NR	NR	NR	NR
Martella, Arthur T.								
CABG without Valve	62	52	114	◉	●	◉	◉	5.9
Valve without CABG	5	5	10	NR	NR	NR	NR	NR
Valve with CABG	7	8	15	NR	NR	NR	NR	NR
Total Valve	12	13	25	NR	NR	NR	NR	NR
Mavridis, Savas								
CABG without Valve	82	75	157	◉	◉	◉	◉	5.2
Valve without CABG	19	29	48	◉	◉	◉	◉	7.0
Valve with CABG	24	21	45	◉	◉	◉	◉	6.5
Total Valve	43	50	93	◉	◉	◉	◉	6.7
McCarty, Christine M.								
CABG without Valve	164	204	368	◉	◉	●	●	5.3
Valve without CABG	16	17	33	◉	◉	◉	◉	7.1
Valve with CABG	18	11	29	NR	NR	NR	NR	NR
Total Valve	34	28	62	◉	◉	◉	◉	7.2
McClurken, James B.								
CABG without Valve	47	32	79	◉	◉	◉	◉	6.1
Valve without CABG	16	12	28	NR	NR	NR	NR	NR
Valve with CABG	12	3	15	NR	NR	NR	NR	NR
Total Valve	28	15	43	◉	◉	◉	○	8.0
McCurry, Kenneth R.								
CABG without Valve	29	41	70	◉	◉	◉	◉	7.6
Valve without CABG	12	7	19	NR	NR	NR	NR	NR
Valve with CABG	8	13	21	NR	NR	NR	NR	NR
Total Valve	20	20	40	◉	◉	◉	◉	9.8
McGary, Suzan A.								
CABG without Valve	7	0	7	NR	NR	NR	NR	NR
Valve without CABG	4	0	4	NR	NR	NR	NR	NR
Valve with CABG	5	0	5	NR	NR	NR	NR	NR
Total Valve	9	0	9	NR	NR	NR	NR	NR

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SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Mehta, Sanjay M.								
CABG without Valve	60	69	129	◉	◉	◉	◉	4.5
Valve without CABG	9	31	40	◉	◉	◉	◉	5.6
Valve with CABG	16	18	34	◉	◉	◉	◉	6.4
Total Valve	25	49	74	◉	◉	◉	◉	6.0
Metcalfe, Randy K.								
CABG without Valve	130	157	287	◉	◉	●	●	7.4
Valve without CABG	11	14	25	NR	NR	NR	NR	NR
Valve with CABG	27	32	59	◉	◉	◉	◉	10.9
Total Valve	38	46	84	◉	◉	●	◉	9.7
Moraca, Robert J.								
CABG without Valve	0	51	51	◉	◉	◉	◉	6.6
Valve without CABG	0	6	6	NR	NR	NR	NR	NR
Valve with CABG	0	8	8	NR	NR	NR	NR	NR
Total Valve	0	14	14	NR	NR	NR	NR	NR
Morell, Victor								
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
Morris, Rohinton J.								
CABG without Valve	131	147	278	◉	◉	◉	◉	6.5
Valve without CABG	35	31	66	◉	◉	◉	●	7.4
Valve with CABG	44	35	79	◉	◉	◉	◉	8.6
Total Valve	79	66	145	◉	◉	◉	◉	7.9
Mott, Brian D.								
CABG without Valve	79	56	135	◉	◉	○	○	5.3
Valve without CABG	4	8	12	NR	NR	NR	NR	NR
Valve with CABG	15	7	22	NR	NR	NR	NR	NR
Total Valve	19	15	34	◉	◉	◉	○	6.5
Mumtaz, Mubashir								
CABG without Valve	63	55	118	◉	◉	◉	◉	5.3
Valve without CABG	69	96	165	◉	◉	◉	◉	6.8
Valve with CABG	50	59	109	◉	◉	◉	●	7.3
Total Valve	119	155	274	◉	◉	◉	◉	7.0
Myers, John L.								
CABG without Valve	1	0	1	NR	NR	NR	NR	NR
Valve without CABG	3	0	3	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	3	0	3	NR	NR	NR	NR	NR

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SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Navid, Forozan								
CABG without Valve	66	74	140	◉	◉	◉	◉	6.5
Valve without CABG	13	16	29	NR	NR	NR	NR	NR
Valve with CABG	17	17	34	◉	●	NR	NR	NR
Total Valve	30	33	63	◉	●	◉	◉	8.9
Nixon, Todd E.								
CABG without Valve	93	93	186	◉	◉	●	●	4.8
Valve without CABG	33	23	56	◉	◉	◉	◉	6.0
Valve with CABG	16	29	45	◉	◉	◉	◉	7.9
Total Valve	49	52	101	●	●	◉	◉	6.8
Nutting, Ron D.								
CABG without Valve	38	52	90	◉	◉	◉	◉	6.0
Valve without CABG	10	15	25	NR	NR	NR	NR	NR
Valve with CABG	11	6	17	NR	NR	NR	NR	NR
Total Valve	21	21	42	◉	◉	◉	◉	7.4
Olenchock Jr., Stephen A.								
CABG without Valve	0	30	30	◉	NR	NR	NR	5.1
Valve without CABG	0	13	13	NR	NR	NR	NR	NR
Valve with CABG	0	6	6	NR	NR	NR	NR	NR
Total Valve	0	19	19	NR	NR	NR	NR	NR
Osevala, Mark A.								
CABG without Valve	155	170	325	◉	◉	◉	◉	5.3
Valve without CABG	9	11	20	NR	NR	NR	NR	NR
Valve with CABG	12	9	21	NR	NR	NR	NR	NR
Total Valve	21	20	41	◉	◉	◉	◉	7.1
Osman, Ashraf								
CABG without Valve	33	22	55	◉	◉	◉	◉	6.1
Valve without CABG	7	3	10	NR	NR	NR	NR	NR
Valve with CABG	5	1	6	NR	NR	NR	NR	NR
Total Valve	12	4	16	NR	NR	NR	NR	NR
Ovadia, Philip								
CABG without Valve	78	74	152	◉	●	●	●	6.5
Valve without CABG	10	10	20	NR	NR	NR	NR	NR
Valve with CABG	15	16	31	◉	●	NR	NR	NR
Total Valve	25	26	51	●	●	◉	●	10.4
Pae, Walter E.								
CABG without Valve	14	12	26	NR	NR	NR	NR	NR
Valve without CABG	49	55	104	◉	◉	◉	◉	6.0
Valve with CABG	15	13	28	NR	NR	NR	NR	NR
Total Valve	64	68	132	◉	◉	◉	◉	6.4

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SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Panebianco, Antonio C.								
CABG without Valve	1	0	1	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
Park, Chong S.								
CABG without Valve	52	63	115	◉	◉	◉	◉	6.2
Valve without CABG	8	7	15	NR	NR	NR	NR	NR
Valve with CABG	10	13	23	NR	NR	NR	NR	NR
Total Valve	18	20	38	◉	◉	◉	◉	9.6
Park, Kyung S.								
CABG without Valve	75	91	166	◉	◉	◉	◉	5.9
Valve without CABG	6	9	15	NR	NR	NR	NR	NR
Valve with CABG	20	19	39	◉	◉	◉	◉	8.3
Total Valve	26	28	54	◉	◉	◉	◉	7.6
Park, Sang B.								
CABG without Valve	26	48	74	◉	◉	◉	◉	6.2
Valve without CABG	16	21	37	◉	◉	◉	●	7.0
Valve with CABG	19	22	41	◉	◉	◉	◉	8.9
Total Valve	35	43	78	◉	◉	◉	◉	7.8
Park, Sung J.								
CABG without Valve	123	117	240	◉	◉	●	●	5.4
Valve without CABG	4	8	12	NR	NR	NR	NR	NR
Valve with CABG	18	8	26	NR	NR	NR	NR	NR
Total Valve	22	16	38	◉	◉	◉	◉	8.0
Patel, Amit								
CABG without Valve	18	3	21	NR	NR	NR	NR	NR
Valve without CABG	1	0	1	NR	NR	NR	NR	NR
Valve with CABG	2	0	2	NR	NR	NR	NR	NR
Total Valve	3	0	3	NR	NR	NR	NR	NR
Payne, Maryann								
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
Pellegrini, Daniel P.								
CABG without Valve	47	0	47	◉	◉	◉	◉	6.4
Valve without CABG	14	0	14	NR	NR	NR	NR	NR
Valve with CABG	13	0	13	NR	NR	NR	NR	NR
Total Valve	27	0	27	NR	NR	NR	NR	NR

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

SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Pellegrini, Ronald V.								
CABG without Valve	125	160	285	○	○	◐	◐	6.7
Valve without CABG	79	56	135	◐	◐	◐	◐	8.1
Valve with CABG	64	56	120	◐	◐	◐	◐	9.0
Total Valve	143	112	255	◐	◐	◐	◐	8.5
Pennock, John L.								
CABG without Valve	89	83	172	◐	◐	◐	◐	6.1
Valve without CABG	8	9	17	NR	NR	NR	NR	NR
Valve with CABG	13	6	19	NR	NR	NR	NR	NR
Total Valve	21	15	36	◐	◐	●	◐	7.8
Phillips, Theodore G.								
CABG without Valve	146	130	276	◐	◐	◐	◐	4.5
Valve without CABG	11	14	25	NR	NR	NR	NR	NR
Valve with CABG	4	10	14	NR	NR	NR	NR	NR
Total Valve	15	24	39	◐	◐	◐	◐	6.0
Pierce, Alice M.								
CABG without Valve	102	81	183	●	◐	◐	◐	6.5
Valve without CABG	4	4	8	NR	NR	NR	NR	NR
Valve with CABG	10	12	22	NR	NR	NR	NR	NR
Total Valve	14	16	30	◐	◐	NR	NR	NR
Pochettino, Alberto								
CABG without Valve	29	28	57	◐	◐	◐	◐	7.4
Valve without CABG	24	30	54	◐	◐	◐	◐	7.9
Valve with CABG	18	19	37	◐	NR	NR	NR	9.7
Total Valve	42	49	91	◐	◐	◐	○	8.6
Priest, Brian P.								
CABG without Valve	2	8	10	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	2	2	4	NR	NR	NR	NR	NR
Total Valve	2	2	4	NR	NR	NR	NR	NR
Pym, John								
CABG without Valve	48	61	109	●	●	◐	●	5.8
Valve without CABG	4	2	6	NR	NR	NR	NR	NR
Valve with CABG	3	2	5	NR	NR	NR	NR	NR
Total Valve	7	4	11	NR	NR	NR	NR	NR
Quigley, Robert L.								
CABG without Valve	29	0	29	NR	NR	NR	NR	NR
Valve without CABG	3	0	3	NR	NR	NR	NR	NR
Valve with CABG	2	0	2	NR	NR	NR	NR	NR
Total Valve	5	0	5	NR	NR	NR	NR	NR

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

SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Ravishankar, Raman								
CABG without Valve	0	7	7	NR	NR	NR	NR	NR
Valve without CABG	0	1	1	NR	NR	NR	NR	NR
Valve with CABG	0	2	2	NR	NR	NR	NR	NR
Total Valve	0	3	3	NR	NR	NR	NR	NR
Reitknecht, Felice L.								
CABG without Valve	120	76	196	⊙	⊙	⊙	⊙	5.3
Valve without CABG	50	31	81	⊙	⊙	⊙	⊙	6.9
Valve with CABG	34	17	51	⊙	NR	NR	NR	7.0
Total Valve	84	48	132	⊙	⊙	⊙	⊙	7.0
Rice, Philip L.								
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
Risher, William H.								
CABG without Valve	88	41	129	⊙	⊙	⊙	⊙	6.9
Valve without CABG	21	8	29	NR	NR	NR	NR	NR
Valve with CABG	25	16	41	⊙	●	⊙	⊙	9.6
Total Valve	46	24	70	⊙	●	⊙	⊙	8.2
Rizzoni, Walter E.								
CABG without Valve	0	11	11	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
Sadr, Farrokh S.								
CABG without Valve	15	0	15	NR	NR	NR	NR	NR
Valve without CABG	6	0	6	NR	NR	NR	NR	NR
Valve with CABG	4	0	4	NR	NR	NR	NR	NR
Total Valve	10	0	10	NR	NR	NR	NR	NR
Samuels, Louis E.								
CABG without Valve	63	81	144	⊙	⊙	⊙	⊙	5.3
Valve without CABG	2	12	14	NR	NR	NR	NR	NR
Valve with CABG	14	6	20	NR	NR	NR	NR	NR
Total Valve	16	18	34	⊙	⊙	⊙	⊙	6.1
Samy, Sanjay								
CABG without Valve	0	11	11	NR	NR	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

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SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Scott, William C.								
CABG without Valve	9	0	9	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
Seibel, P. Scott								
CABG without Valve	25	8	33	⊙	⊙	NR	NR	6.2
Valve without CABG	7	5	12	NR	NR	NR	NR	NR
Valve with CABG	6	2	8	NR	NR	NR	NR	NR
Total Valve	13	7	20	NR	NR	NR	NR	NR
Shariff, Haji M.								
CABG without Valve	57	66	123	⊙	⊙	⊙	⊙	5.6
Valve without CABG	10	7	17	NR	NR	NR	NR	NR
Valve with CABG	19	19	38	⊙	NR	NR	NR	8.2
Total Valve	29	26	55	⊙	⊙	⊙	●	7.5
Shears II, Larry								
CABG without Valve	183	164	347	○	○	⊙	⊙	6.2
Valve without CABG	56	56	112	⊙	⊙	⊙	⊙	7.8
Valve with CABG	69	48	117	⊙	⊙	⊙	⊙	9.2
Total Valve	125	104	229	⊙	⊙	⊙	⊙	8.4
Siegenthaler, Michael								
CABG without Valve	7	38	45	●	●	⊙	⊙	6.5
Valve without CABG	5	7	12	NR	NR	NR	NR	NR
Valve with CABG	3	8	11	NR	NR	NR	NR	NR
Total Valve	8	15	23	NR	NR	NR	NR	NR
Silvestry, Scott C.								
CABG without Valve	74	55	129	⊙	⊙	⊙	⊙	7.2
Valve without CABG	11	13	24	NR	NR	NR	NR	NR
Valve with CABG	15	10	25	NR	NR	NR	NR	NR
Total Valve	26	23	49	⊙	⊙	⊙	●	10.1
Simonetti, Vince								
CABG without Valve	32	0	32	⊙	NR	NR	NR	6.7
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	7	0	7	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

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SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Singer, Raymond L.								
CABG without Valve	48	36	84	◉	◉	◉	◉	4.8
Valve without CABG	53	70	123	◉	◉	◉	◉	5.8
Valve with CABG	34	21	55	◉	◉	◉	◉	6.0
Total Valve	87	91	178	◯	◉	◉	◉	6.0
Singh, Deepak								
CABG without Valve	43	28	71	◉	◉	◉	◯	5.3
Valve without CABG	6	18	24	NR	NR	NR	NR	NR
Valve with CABG	9	9	18	NR	NR	NR	NR	NR
Total Valve	15	27	42	◉	◉	◉	◉	6.6
Sortino, Antonio								
CABG without Valve	78	96	174	◉	◉	◉	◉	5.4
Valve without CABG	41	33	74	◉	◉	●	●	6.7
Valve with CABG	26	27	53	◉	◉	●	●	7.3
Total Valve	67	60	127	◉	◉	●	●	7.0
Speziali, Giovanni								
CABG without Valve	13	42	55	◉	◉	◉	◉	6.8
Valve without CABG	1	4	5	NR	NR	NR	NR	NR
Valve with CABG	3	4	7	NR	NR	NR	NR	NR
Total Valve	4	8	12	NR	NR	NR	NR	NR
Stahl, Russell								
CABG without Valve	69	60	129	◉	◉	◯	◯	5.8
Valve without CABG	27	15	42	◉	◉	◉	◉	7.3
Valve with CABG	21	17	38	◉	◉	◉	◉	7.8
Total Valve	48	32	80	◉	◉	◉	◉	7.5
Steinberg, Jay								
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
Stella, Joseph								
CABG without Valve	54	39	93	◉	◉	◉	◉	5.2
Valve without CABG	14	15	29	NR	NR	NR	NR	NR
Valve with CABG	13	8	21	NR	NR	NR	NR	NR
Total Valve	27	23	50	◉	◉	◉	◉	5.8
Stephenson, Edward R.								
CABG without Valve	67	49	116	◉	◉	◉	◉	5.0
Valve without CABG	19	16	35	◉	◉	◉	●	7.7
Valve with CABG	12	10	22	NR	NR	NR	NR	NR
Total Valve	31	26	57	◉	◉	◉	◉	7.7

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SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Stivala, Charles								
CABG without Valve	49	48	97	⊙	⊙	⊙	⊙	6.2
Valve without CABG	5	1	6	NR	NR	NR	NR	NR
Valve with CABG	1	1	2	NR	NR	NR	NR	NR
Total Valve	6	2	8	NR	NR	NR	NR	NR
Strong III, Michael D.								
CABG without Valve	70	38	108	⊙	⊙	⊙	⊙	8.4
Valve without CABG	10	8	18	NR	NR	NR	NR	NR
Valve with CABG	6	7	13	NR	NR	NR	NR	NR
Total Valve	16	15	31	●	NR	NR	NR	NR
Strzalka, Christopher T.								
CABG without Valve	136	118	254	⊙	⊙	⊙	○	4.9
Valve without CABG	5	5	10	NR	NR	NR	NR	NR
Valve with CABG	11	7	18	NR	NR	NR	NR	NR
Total Valve	16	12	28	NR	NR	NR	NR	NR
Sullivan, Lawrence X.								
CABG without Valve	91	52	143	⊙	⊙	⊙	⊙	6.1
Valve without CABG	13	6	19	NR	NR	NR	NR	NR
Valve with CABG	18	6	24	NR	NR	NR	NR	NR
Total Valve	31	12	43	⊙	⊙	⊙	⊙	9.5
Sutter, Francis P.								
CABG without Valve	179	203	382	⊙	⊙	○	⊙	5.0
Valve without CABG	6	9	15	NR	NR	NR	NR	NR
Valve with CABG	13	10	23	NR	NR	NR	NR	NR
Total Valve	19	19	38	⊙	⊙	⊙	⊙	7.6
Suzuki, Mark Masaru								
CABG without Valve	182	156	338	●	⊙	⊙	⊙	6.4
Valve without CABG	25	17	42	⊙	●	⊙	⊙	6.4
Valve with CABG	41	37	78	⊙	⊙	⊙	⊙	7.9
Total Valve	66	54	120	⊙	⊙	⊙	⊙	7.1
Szeto, Wilson Y.								
CABG without Valve	59	62	121	⊙	⊙	⊙	⊙	7.6
Valve without CABG	24	36	60	⊙	NR	NR	NR	7.9
Valve with CABG	29	32	61	⊙	NR	NR	NR	10.3
Total Valve	53	68	121	⊙	⊙	⊙	⊙	8.9
Szwerc, Michael F.								
CABG without Valve	55	49	104	⊙	⊙	⊙	⊙	4.5
Valve without CABG	5	5	10	NR	NR	NR	NR	NR
Valve with CABG	11	9	20	NR	NR	NR	NR	NR
Total Valve	16	14	30	⊙	NR	NR	NR	NR

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SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Szydlowski, Gary W.								
CABG without Valve	70	67	137	⊙	⊙	⊙	⊙	4.9
Valve without CABG	25	37	62	⊙	⊙	⊙	⊙	5.4
Valve with CABG	17	23	40	⊙	⊙	⊙	⊙	6.4
Total Valve	42	60	102	⊙	⊙	⊙	⊙	5.8
Takara, James								
CABG without Valve	121	96	217	⊙	⊙	⊙	⊙	5.3
Valve without CABG	10	8	18	NR	NR	NR	NR	NR
Valve with CABG	13	16	29	NR	NR	NR	NR	NR
Total Valve	23	24	47	⊙	⊙	⊙	⊙	7.2
Taylor, Bradley S.								
CABG without Valve	89	130	219	⊙	⊙	⊙	⊙	6.7
Valve without CABG	26	20	46	⊙	⊙	⊙	⊙	7.9
Valve with CABG	23	20	43	⊙	⊙	⊙	⊙	12.6
Total Valve	49	40	89	⊙	⊙	⊙	⊙	9.8
Thacker, Jnanesh J.								
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
Thakur, Navin S.								
CABG without Valve	2	12	14	NR	NR	NR	NR	NR
Valve without CABG	0	1	1	NR	NR	NR	NR	NR
Valve with CABG	1	1	2	NR	NR	NR	NR	NR
Total Valve	1	2	3	NR	NR	NR	NR	NR
Theman, Terrill								
CABG without Valve	54	43	97	⊙	⊙	⊙	⊙	6.1
Valve without CABG	21	18	39	⊙	⊙	⊙	⊙	6.9
Valve with CABG	10	14	24	NR	NR	NR	NR	NR
Total Valve	31	32	63	⊙	⊙	⊙	⊙	7.9
Thompson, Richard B.								
CABG without Valve	0	56	56	⊙	⊙	⊙	⊙	5.2
Valve without CABG	0	6	6	NR	NR	NR	NR	NR
Valve with CABG	0	7	7	NR	NR	NR	NR	NR
Total Valve	0	13	13	NR	NR	NR	NR	NR
Tobin, Hugh M.								
CABG without Valve	6	0	6	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

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SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Toyoda, Yoshiya								
CABG without Valve	8	11	19	NR	NR	NR	NR	NR
Valve without CABG	1	1	2	NR	NR	NR	NR	NR
Valve with CABG	3	0	3	NR	NR	NR	NR	NR
Total Valve	4	1	5	NR	NR	NR	NR	NR
Vasilakis, Alexander								
CABG without Valve	91	76	167	◉	◉	◉	◉	5.8
Valve without CABG	20	28	48	◉	●	◉	●	7.2
Valve with CABG	15	18	33	◉	◉	◉	◉	9.0
Total Valve	35	46	81	◉	◉	◉	●	7.9
Vasseur, Bernard G.								
CABG without Valve	37	50	87	◉	◉	◉	◉	5.9
Valve without CABG	7	16	23	NR	NR	NR	NR	NR
Valve with CABG	6	10	16	NR	NR	NR	NR	NR
Total Valve	13	26	39	◉	◉	◉	◉	7.1
Veluz, Jeffrey S.								
CABG without Valve	0	29	29	NR	NR	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
Von Koch, Lear								
CABG without Valve	79	82	161	◉	◉	◉	◉	5.7
Valve without CABG	35	49	84	◉	◉	◉	◉	6.2
Valve with CABG	32	30	62	◉	◉	◉	○	6.8
Total Valve	67	79	146	◉	◉	◉	◉	6.4
Waciuma, John								
CABG without Valve	5	4	9	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
Wechsler, Andrew S.								
CABG without Valve	12	15	27	NR	NR	NR	NR	NR
Valve without CABG	9	11	20	NR	NR	NR	NR	NR
Valve with CABG	2	7	9	NR	NR	NR	NR	NR
Total Valve	11	18	29	NR	NR	NR	NR	NR
Wei, Lawrence M.								
CABG without Valve	117	95	212	◉	◉	◉	◉	6.5
Valve without CABG	40	52	92	◉	◉	◉	●	8.3
Valve with CABG	42	40	82	◉	◉	◉	◉	9.4
Total Valve	82	92	174	◉	◉	◉	◉	8.8

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SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Wenger, Robert								
CABG without Valve	0	37	37	⊙	⊙	●	●	6.6
Valve without CABG	0	3	3	NR	NR	NR	NR	NR
Valve with CABG	0	8	8	NR	NR	NR	NR	NR
Total Valve	0	11	11	NR	NR	NR	NR	NR
West, David								
CABG without Valve	38	141	179	⊙	⊙	○	○	6.2
Valve without CABG	0	10	10	NR	NR	NR	NR	NR
Valve with CABG	3	21	24	NR	NR	NR	NR	NR
Total Valve	3	31	34	⊙	⊙	⊙	⊙	6.9
Wilcox, Kenneth								
CABG without Valve	54	42	96	⊙	⊙	⊙	⊙	6.0
Valve without CABG	8	5	13	NR	NR	NR	NR	NR
Valve with CABG	10	8	18	NR	NR	NR	NR	NR
Total Valve	18	13	31	⊙	⊙	⊙	⊙	7.8
Woelfel, G. Frederick								
CABG without Valve	165	168	333	⊙	⊙	⊙	⊙	5.1
Valve without CABG	29	29	58	⊙	⊙	⊙	⊙	6.6
Valve with CABG	31	30	61	⊙	⊙	⊙	⊙	7.3
Total Valve	60	59	119	⊙	⊙	⊙	⊙	6.9
Woo, Y. Joseph								
CABG without Valve	63	79	142	⊙	⊙	⊙	⊙	6.7
Valve without CABG	67	51	118	⊙	⊙	⊙	⊙	7.7
Valve with CABG	34	25	59	⊙	⊙	⊙	⊙	10.8
Total Valve	101	76	177	⊙	⊙	⊙	⊙	8.8
Woods, Edward L.								
CABG without Valve	44	36	80	⊙	⊙	⊙	⊙	6.5
Valve without CABG	45	67	112	⊙	⊙	⊙	○	10.9
Valve with CABG	20	12	32	⊙	⊙	⊙	⊙	13.7
Total Valve	65	79	144	⊙	⊙	⊙	○	11.9
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

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

SURGEON DATA

	Surgeon Data 2007-2008 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2007	2008	Total	In-Hospital	30-Day	7-Day	30-Day	
Woolley, Daniel S.								
CABG without Valve	49	68	117	◉	◉	◉	◉	6.1
Valve without CABG	16	14	30	◉	NR	NR	NR	NR
Valve with CABG	19	12	31	●	NR	NR	NR	NR
Total Valve	35	26	61	●	●	●	◉	7.1
Wu, James								
CABG without Valve	95	79	174	○	◉	◉	◉	4.5
Valve without CABG	24	29	53	◉	◉	◉	◉	5.0
Valve with CABG	16	28	44	◉	◉	◉	◉	5.8
Total Valve	40	57	97	◉	◉	◉	◉	5.3
Youdelman, Benjamin Abraham								
CABG without Valve	3	34	37	◉	◉	◉	●	7.1
Valve without CABG	0	3	3	NR	NR	NR	NR	NR
Valve with CABG	1	5	6	NR	NR	NR	NR	NR
Total Valve	1	8	9	NR	NR	NR	NR	NR
Zama, Nche								
CABG without Valve	132	96	228	○	◉	◉	○	4.4
Valve without CABG	9	15	24	NR	NR	NR	NR	NR
Valve with CABG	14	15	29	NR	NR	NR	NR	NR
Total Valve	23	30	53	◉	◉	◉	◉	6.3
Zehr, Kenton								
CABG without Valve	22	3	25	NR	NR	NR	NR	NR
Valve without CABG	30	4	34	●	NR	NR	NR	NR
Valve with CABG	16	2	18	NR	NR	NR	NR	NR
Total Valve	46	6	52	●	●	◉	◉	9.5
Zenati, Marco								
CABG without Valve	2	0	2	NR	NR	NR	NR	NR
Valve without CABG	3	0	3	NR	NR	NR	NR	NR
Valve with CABG	0	1	1	NR	NR	NR	NR	NR
Total Valve	3	1	4	NR	NR	NR	NR	NR

Indicates this surgeon has submitted comments regarding the data. These comments are included on the PHC4 website at www.phc4.org/reports/cabg/08/comments.htm

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



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This report and other PHC4 publications are available online at www.phc4.org. Additional financial, hospitalization and ambulatory procedure health care data is available for purchase. For more information, contact PHC4's Data Requests Unit at specialrequests@phc4.org or 717-232-6787.