CARDIAC SURGERY IN PENNSYLVANIA 2005–2006

Information about Hospitals and Cardiothoracic Surgeons

PENNSYLVANIA HEALTH CARE COST CONTAINMENT COUNCIL

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About PHC4

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

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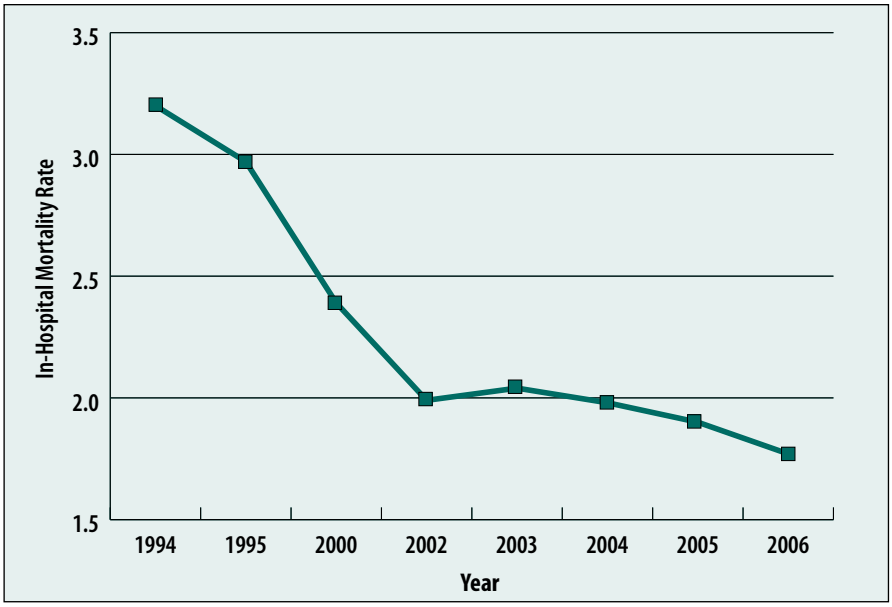
KEY FINDINGS

- In-hospital mortality rates have declined again for patients undergoing a coronary artery bypass graft (CABG) procedure (without a valve procedure), dropping from 1.90 percent in 2005 to 1.77 percent in 2006. CABG patient mortality rates in Pennsylvania have dropped 45.2 percent since 1994.

CABG In-Hospital Mortality Rate



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

- From 2000 through 2006, readmissions within 7 days of discharge have declined 13.3 percent, 6.18 to 5.36 percent, and those within 30 days of discharge have declined 10.7 percent, 14.52 to 12.97 percent, for patients who underwent a CABG procedure (without a valve procedure).
- From 2000 through 2006, infection has consistently been the top reason that patients have been readmitted within 30 days of CABG (without a valve procedure).
- For 7-day readmissions from 2000 through 2006, the top reason for readmissions has fluctuated between infections and heart failure for patients who underwent a CABG procedure (without a valve procedure).
- Between 2005 and 2006, the average number of open heart procedures performed by surgeons declined from 121 cases per surgeon to 114 cases per surgeon—down from 149 in 2000. The average number of open heart procedures per hospital declined from 346 cases per hospital to 330 cases per hospital between 2005 and 2006—down from 499 in 2000.

Statewide Figures by Reporting Group

Reporting Group	Number of Cases		In-Hospital Mortality Rate		30-Day Mortality Rate		7-Day Readmission Rate		30-Day Readmission Rate	
	2005	2006	2005	2006	2005	2006	2005	2006	2005	2006
CABG without Valve	11,875	11,022	1.9%	1.8%	2.3%	2.4%	5.5%	5.4%	13.6%	13.0%
Valve without CABG	2,846	3,000	3.0%	3.3%	3.6%	4.1%	6.6%	7.2%	17.8%	17.0%
Valve with CABG	2,610	2,611	7.5%	6.2%	8.6%	7.1%	7.8%	7.8%	19.2%	18.1%
Total Valve	5,456	5,611	5.2%	4.7%	6.0%	5.5%	7.2%	7.5%	18.4%	17.5%

- In-hospital mortality and readmission rates declined or remained the same from 2005 to 2006 for the CABG without Valve and Valve with CABG reporting groups. For the Valve without CABG reporting group, in-hospital mortality, 30-day mortality, and 7-day readmissions increased.
- From 2005 to 2006, 30-day readmission rates declined for all reporting groups.
- Of the 16,633 patients who underwent CABG and/or valve surgery in 2006, hospitals reported that 1,048 (6.3 percent) contracted an infection[1] during their stay. Patients who underwent both CABG surgery and a valve procedure during the same hospitalization were the most likely to contract a hospital-acquired infection (11.0 percent), and patients who underwent CABG with no valve procedures were the least likely to contract a hospital-acquired infection (5.1 percent). The following table displays the differences in outcomes for patients who did and those who did not contract an infection during their hospital stay. The degree to which the presence of hospital-acquired infections influenced these numbers is not known.

Patients…	In-Hospital Mortality Rate	Average Post-Surgical Length of Stay		Average Hospital Charge[4]		Average Medicare Payment	
		Mean[2]	Median[3]	Mean[2]	Median[3]	Mean[2]	Median[3]
With a Hospital-Acquired Infection	13.3%	20.6 days	15.5 days	$336,265	$225,030	$59,469	$45,520
Without a Hospital-Acquired Infection	2.0%	7.0 days	6.0 days	$128,725	$95,047	$33,520	$30,912

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

UNDERSTANDING THIS REPORT

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

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

Valve surgery is a surgical procedure used to replace or repair one or more of a patient's heart valves. Valve surgery is used to treat patients with congenital (present at birth) heart disease, degenerative (age-related "wear and tear") disease and conditions such as rheumatic heart disease. In valve replacement surgery, the diseased valve is removed and replaced with an artificial (mechanical) valve or a biological valve harvested from animal or human tissue. In valve repair surgery, the technique is dependent on the underlying cause of the disease.

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

CABG and valve surgeries are frequently performed and costly surgeries. This report includes information on approximately 34,000 CABG and/or valve surgeries performed in Pennsylvania general acute care hospitals in 2005 and 2006.

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

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

Outcome measures for this report were chosen because they are important components in examining quality of care. Further, they can be reliably measured and compared across hospitals. This report includes information on the number of surgeries performed, in-hospital and 30-day mortality rates, readmission rates within 7 and 30 days, and data on post-surgical lengths of stay for both hospitals and surgeons as well as hospital average charges and Medicare average 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 2005 and 2006. Surgeon outcomes are based on two years of combined data, 2005 and 2006. The resulting increase in volume of cases per surgeon results in a more robust analysis. Hospital outcomes are reported for the combined 2005 and 2006 data and for 2006 data only. Average hospital charge and average Medicare payment are reported for hospitals that had at least 13 cases in a particular reporting group.

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

Hospital average charge – The amount a hospital bills for a patient's care is known as the charge. The charge includes the facility fee but does not include professional fees (e.g., physician fees) or other additional post-discharge costs, such as rehabilitation treatment, long-term care and/or home health care. Where hospital charges are concerned, in almost all cases, hospitals do not receive full charges from private insurance carriers or government payors. In fact, on an average basis, across all inpatient hospital cases statewide, hospitals are reimbursed or paid for approximately 27 percent of established charges.[1] Hospital charges often vary by individual hospital and by regions of the state. The average charge reported is for the entire length of stay. A hospital's cost for the stay is an amount that is different from the charge and the payment.

Medicare average 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. 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. Since Medicare payment is revised and updated annually, PHC4 is reporting only Medicare average payments for 2006 cardiac cases, rather than averaging payment amounts for the 2005-2006 period.

Medicare payments are based on the entire hospital stay, and the payment principles are common to all hospitals nationwide. Commercial payors, 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 deferring reporting commercial payment amounts until it can develop a method to standardize comparisons among commercial payors.

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

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

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, 2005 to December 31, 2006 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.

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 Web site at www.phc4.org.

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.

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 we are 95 percent confident 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)

TABLE NOTES

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

For Hospital Data Only - Average charge 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 payors; on an average basis, across all inpatient hospital cases statewide, hospitals are reimbursed or paid for approximately 27 percent of established charges. Average payment was not trimmed or adjusted. Medicare average payment for hospitals with less than 13 cases was suppressed to meet current Centers for Medicare and Medicaid Services (CMS) privacy guidelines. Hospitals had an opportunity to view the average Medicare payment reported for their facility prior to the public release of the information. Due to CMS privacy restrictions, hospitals did not have an opportunity to review the Medicare payment data at the individual case level.

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

More data on PHC4's Web site

Additional information is posted on the PHC4 Web site:

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

www.phc4.org

HOSPITAL DATA

	Number of Cases			Hospital Data 2005-2006 (Two Years Combined)					
				Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day		
Abington Memorial									
CABG without Valve	153	119	272	⊙	⊙	⊙	⊙	7.1	$206,313
Valve without CABG	123	141	264	⊙	⊙	⊙	○	8.6	$218,811
Valve with CABG	46	39	85	⊙	⊙	⊙	⊙	10.4	$275,759
Total Valve	169	180	349	⊙	⊙	⊙	○	9.4	$236,457
Albert Einstein									
CABG without Valve	116	95	211	●	●	⊙	●	6.4	$218,246
Valve without CABG	19	20	39	⊙	⊙	⊙	⊙	8.0	$245,385
Valve with CABG	6	9	15	NR	NR	NR	NR	NR	$378,411
Total Valve	25	29	54	●	●	⊙	⊙	9.4	$287,781
Allegheny General									
CABG without Valve	251	282	533	⊙	⊙	○	○	7.2	$88,717
Valve without CABG	87	110	197	⊙	⊙	⊙	⊙	8.4	$102,785
Valve with CABG	54	51	105	⊙	⊙	⊙	⊙	10.5	$128,820
Total Valve	141	161	302	⊙	⊙	⊙	○	9.3	$115,617
Altoona Regional									
CABG without Valve	217	166	383	⊙	⊙	⊙	●	5.2	$63,443
Valve without CABG	59	54	113	⊙	●	⊙	●	5.9	$74,460
Valve with CABG	42	50	92	⊙	⊙	⊙	⊙	7.0	$87,601
Total Valve	101	104	205	⊙	⊙	⊙	⊙	6.4	$81,630
Brandywine									
CABG without Valve	57	51	108	⊙	⊙	⊙	⊙	5.1	$245,005
Valve without CABG	5	9	14	NR	NR	NR	NR	NR	$304,066
Valve with CABG	7	10	17	NR	NR	NR	NR	NR	$329,450
Total Valve	12	19	31	⊙	⊙	NR	NR	6.8	$312,392
Butler Memorial									
CABG without Valve	218	217	435	○	⊙	○	○	6.3	$48,292
Valve without CABG	39	55	94	⊙	⊙	⊙	⊙	8.2	$69,043
Valve with CABG	44	38	82	⊙	⊙	⊙	⊙	9.9	$85,175
Total Valve	83	93	176	⊙	⊙	⊙	⊙	9.0	$77,458
Chester County									
CABG without Valve	91	96	187	⊙	●	⊙	⊙	5.6	$76,963
Valve without CABG	26	30	56	⊙	⊙	⊙	⊙	6.0	$88,078
Valve with CABG	24	25	49	●	●	⊙	⊙	7.6	$114,741
Total Valve	50	55	105	⊙	⊙	⊙	⊙	6.7	$99,765
Community/Scranton									
CABG without Valve	204	198	402	⊙	⊙	○	○	5.6	$61,815
Valve without CABG	29	30	59	⊙	⊙	⊙	⊙	6.5	$82,928
Valve with CABG	39	27	66	⊙	⊙	⊙	○	8.0	$100,543
Total Valve	68	57	125	⊙	⊙	⊙	○	7.1	$91,476

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

HOSPITAL DATA

	Hospital Data 2006						
	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge	Average Medicare Payment
	In-Hospital	30-Day	7-Day	30-Day			
Abington Memorial							
CABG without Valve	⊙	⊙	⊙	⊙	7.0	$198,814	$34,511
Valve without CABG	⊙	⊙	⊙	○	8.7	$212,137	NR
Valve with CABG	⊙	⊙	NR	NR	10.2	$261,744	NR
Total Valve	⊙	⊙	○	○	9.4	$227,934	$46,623
Albert Einstein							
CABG without Valve	⊙	⊙	⊙	●	6.7	$223,757	$43,324
Valve without CABG	NR	NR	NR	NR	NR	$264,187	NR
Valve with CABG	NR	NR	NR	NR	NR	NR	NR
Total Valve	NR	NR	NR	NR	NR	$307,254	NR
Allegheny General							
CABG without Valve	⊙	⊙	⊙	⊙	7.4	$93,933	$35,141
Valve without CABG	⊙	⊙	⊙	○	8.5	$104,458	$45,353
Valve with CABG	⊙	⊙	⊙	⊙	9.5	$122,867	$46,628
Total Valve	⊙	⊙	⊙	○	9.0	$114,040	$45,689
Altoona Regional							
CABG without Valve	⊙	⊙	⊙	●	5.4	$65,305	$26,422
Valve without CABG	⊙	⊙	⊙	⊙	6.6	$77,349	$37,921
Valve with CABG	⊙	⊙	⊙	⊙	7.8	$91,484	$36,157
Total Valve	⊙	⊙	⊙	⊙	7.1	$85,569	$36,892
Brandywine							
CABG without Valve	⊙	⊙	⊙	⊙	4.9	$231,166	$29,795
Valve without CABG	NR	NR	NR	NR	NR	NR	NR
Valve with CABG	NR	NR	NR	NR	NR	NR	NR
Total Valve	NR	NR	NR	NR	NR	$296,537	NR
Butler Memorial							
CABG without Valve	○	⊙	○	○	6.3	$50,043	$25,676
Valve without CABG	⊙	⊙	⊙	⊙	8.3	$67,326	$30,932
Valve with CABG	⊙	⊙	⊙	⊙	10.0	$89,701	$40,080
Total Valve	⊙	⊙	⊙	⊙	9.0	$78,144	$35,792
Chester County							
CABG without Valve	⊙	⊙	⊙	⊙	5.4	$75,242	$31,918
Valve without CABG	⊙	⊙	NR	NR	NR	$91,072	NR
Valve with CABG	NR	NR	NR	NR	NR	$112,330	NR
Total Valve	⊙	⊙	⊙	⊙	6.6	$99,559	$35,644
Community/Scranton							
CABG without Valve	⊙	⊙	⊙	⊙	5.6	$60,582	$26,619
Valve without CABG	⊙	⊙	⊙	⊙	6.7	$81,441	$30,183
Valve with CABG	NR	NR	NR	NR	NR	$91,399	$35,590
Total Valve	⊙	⊙	⊙	⊙	7.0	$85,966	$32,964

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

HOSPITAL DATA

	Number of Cases			Hospital Data 2005-2006 (Two Years Combined)					
				Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day		
Conemaugh Valley Memorial									
CABG without Valve	309	181	490	⊙	⊙	⊙	⊙	4.8	$60,764
Valve without CABG	50	44	94	⊙	⊙	⊙	⊙	5.3	$89,499
Valve with CABG	64	73	137	⊙	⊙	⊙	⊙	6.7	$108,186
Total Valve	114	117	231	⊙	⊙	⊙	⊙	5.9	$99,009
Crozer-Chester									
CABG without Valve	102	140	242	●	⊙	⊙	⊙	5.8	$254,891
Valve without CABG	18	23	41	⊙	⊙	⊙	⊙	7.2	$313,345
Valve with CABG	11	17	28	NR	NR	NR	NR	NR	$399,993
Total Valve	29	40	69	⊙	⊙	⊙	⊙	7.9	$346,434
Doylestown									
CABG without Valve	182	137	319	⊙	⊙	⊙	⊙	5.4	$88,640
Valve without CABG	34	33	67	⊙	⊙	⊙	⊙	5.9	$95,609
Valve with CABG	63	38	101	⊙	⊙	⊙	⊙	7.5	$125,464
Total Valve	97	71	168	○	⊙	⊙	⊙	6.6	$110,769
DuBois Regional									
CABG without Valve	164	146	310	⊙	⊙	⊙	⊙	5.2	$75,701
Valve without CABG	20	20	40	⊙	⊙	⊙	⊙	5.9	$97,640
Valve with CABG	31	30	61	⊙	⊙	⊙	⊙	5.7	$106,972
Total Valve	51	50	101	⊙	⊙	⊙	⊙	5.6	$101,179
Easton									
CABG without Valve	95	96	191	⊙	⊙	⊙	⊙	6.2	$210,272
Valve without CABG	24	15	39	⊙	NR	NR	NR	8.5	$238,701
Valve with CABG	31	29	60	⊙	●	⊙	⊙	9.3	$298,343
Total Valve	55	44	99	⊙	⊙	⊙	⊙	8.8	$267,661
Frankford									
CABG without Valve	231	246	477	⊙	⊙	⊙	●	6.6	$107,475
Valve without CABG	21	19	40	●	●	⊙	⊙	7.7	$122,673
Valve with CABG	19	29	48	⊙	⊙	●	●	11.0	$164,743
Total Valve	40	48	88	⊙	⊙	⊙	⊙	9.2	$137,331
Geisinger Wilkes-Barre									
CABG without Valve	123	82	205	⊙	⊙	○	⊙	4.9	$78,844
Valve without CABG	14	10	24	NR	NR	NR	NR	NR	$100,685
Valve with CABG	23	14	37	⊙	⊙	⊙	⊙	6.3	$102,724
Total Valve	37	24	61	⊙	⊙	⊙	⊙	5.7	$99,650
Geisinger Wyoming Valley									
CABG without Valve	77	90	167	⊙	⊙	⊙	⊙	5.4	$92,018
Valve without CABG	20	14	34	⊙	⊙	⊙	⊙	6.5	$98,212
Valve with CABG	26	11	37	⊙	⊙	⊙	⊙	7.4	$134,857
Total Valve	46	25	71	⊙	⊙	⊙	⊙	6.9	$116,792

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

HOSPITAL DATA

	Hospital Data 2006						
	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge	Average Medicare Payment
	In-Hospital	30-Day	7-Day	30-Day			
Conemaugh Valley Memorial							
CABG without Valve	⊙	●	⊙	⊙	4.9	$58,600	$28,410
Valve without CABG	⊙	⊙	⊙	⊙	5.2	$89,000	NR
Valve with CABG	⊙	⊙	⊙	⊙	6.6	$109,420	NR
Total Valve	⊙	⊙	⊙	⊙	5.9	$100,119	$36,916
Crozer-Chester							
CABG without Valve	●	●	⊙	⊙	5.8	$267,585	$33,513
Valve without CABG	NR	NR	NR	NR	NR	$298,641	NR
Valve with CABG	NR	NR	NR	NR	NR	NR	NR
Total Valve	⊙	●	⊙	⊙	7.3	$343,137	$40,201
Doylestown							
CABG without Valve	⊙	⊙	⊙	⊙	5.2	$86,323	$27,224
Valve without CABG	⊙	⊙	⊙	⊙	6.1	$99,869	NR
Valve with CABG	⊙	⊙	⊙	⊙	7.5	$132,256	NR
Total Valve	⊙	⊙	⊙	⊙	6.7	$114,380	$33,981
DuBois Regional							
CABG without Valve	⊙	⊙	⊙	⊙	5.6	$79,113	$26,333
Valve without CABG	NR	NR	NR	NR	NR	$94,851	$41,567
Valve with CABG	⊙	NR	NR	NR	NR	$118,420	$41,945
Total Valve	⊙	⊙	⊙	⊙	6.0	$106,594	$41,822
Easton							
CABG without Valve	⊙	⊙	⊙	⊙	6.1	$236,967	$35,995
Valve without CABG	NR	NR	NR	NR	NR	$276,790	NR
Valve with CABG	NR	NR	NR	NR	NR	$322,952	NR
Total Valve	⊙	NR	NR	NR	8.9	$296,681	$52,268
Frankford							
CABG without Valve	⊙	⊙	⊙	●	6.7	$107,001	$36,665
Valve without CABG	NR	NR	NR	NR	NR	$121,127	NR
Valve with CABG	NR	NR	NR	NR	NR	$188,708	NR
Total Valve	●	●	⊙	⊙	10.3	$150,051	$49,758
Geisinger Wilkes-Barre							
CABG without Valve	⊙	⊙	⊙	⊙	5.0	$85,364	$25,902
Valve without CABG	NR	NR	NR	NR	NR	NR	NR
Valve with CABG	NR	NR	NR	NR	NR	$115,069	NR
Total Valve	NR	NR	NR	NR	NR	$111,457	$35,885
Geisinger Wyoming Valley							
CABG without Valve	⊙	⊙	⊙	⊙	5.4	$95,411	$27,047
Valve without CABG	NR	NR	NR	NR	NR	NR	NR
Valve with CABG	NR	NR	NR	NR	NR	NR	NR
Total Valve	NR	NR	NR	NR	NR	$126,446	NR

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

HOSPITAL DATA

	Number of Cases			Hospital Data 2005-2006 (Two Years Combined)					
				Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day		
Geisinger/Danville									
CABG without Valve	241	218	459	⊙	○	⊙	○	5.1	$82,264
Valve without CABG	84	98	182	⊙	○	⊙	⊙	8.4	$146,831
Valve with CABG	60	72	132	⊙	⊙	●	⊙	8.7	$158,057
Total Valve	144	170	314	⊙	⊙	⊙	⊙	8.6	$151,639
Good Samaritan/Lebanon[1]									
CABG without Valve	69	151	220	⊙	⊙	⊙	⊙	5.2	$77,935
Valve without CABG	2	14	16	NR	NR	NR	NR	NR	$91,615
Valve with CABG	2	7	9	NR	NR	NR	NR	NR	NR
Total Valve	4	21	25	NR	NR	NR	NR	NR	$101,155
Graduate[2]									
CABG without Valve	43	16	59	⊙	⊙	⊙	⊙	5.4	$261,418
Valve without CABG	8	1	9	NR	NR	NR	NR	NR	NR
Valve with CABG	9	2	11	NR	NR	NR	NR	NR	NR
Total Valve	17	3	20	NR	NR	NR	NR	NR	$373,529
Hahnemann University									
CABG without Valve	153	157	310	●	●	⊙	⊙	8.2	$332,310
Valve without CABG	41	25	66	●	●	⊙	⊙	9.8	$391,014
Valve with CABG	33	38	71	⊙	⊙	⊙	⊙	13.0	$494,120
Total Valve	74	63	137	●	⊙	⊙	⊙	11.2	$422,298
Hamot									
CABG without Valve	369	368	737	○	⊙	⊙	⊙	5.7	$107,890
Valve without CABG	78	58	136	⊙	⊙	⊙	⊙	6.7	$119,699
Valve with CABG	65	57	122	⊙	⊙	⊙	⊙	8.9	$167,833
Total Valve	143	115	258	⊙	⊙	⊙	⊙	7.6	$144,260
Holy Spirit									
CABG without Valve	290	238	528	●	●	⊙	⊙	4.9	$69,674
Valve without CABG	29	30	59	●	⊙	⊙	●	5.6	$80,717
Valve with CABG	40	40	80	⊙	●	⊙	⊙	7.8	$102,499
Total Valve	69	70	139	⊙	●	⊙	⊙	6.6	$91,194
Hospital University PA									
CABG without Valve	146	144	290	⊙	⊙	⊙	⊙	6.6	$185,664
Valve without CABG	239	240	479	⊙	⊙	⊙	⊙	6.9	$205,032
Valve with CABG	82	123	205	⊙	⊙	⊙	⊙	9.4	$282,364
Total Valve	321	363	684	⊙	⊙	⊙	⊙	7.8	$231,773

[1] Started performing CABG/valve procedures in Quarter 2, 2005.
[2] Stopped performing CABG/valve procedures in Quarter 3, 2006.

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

HOSPITAL DATA

	Hospital Data 2006						
	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge	Average Medicare Payment
	In-Hospital	30-Day	7-Day	30-Day			
Geisinger/Danville							
CABG without Valve	⊙	⊙	⊙	⊙	5.2	$82,731	$33,738
Valve without CABG	⊙	⊙	⊙	○	9.1	$157,428	$56,010
Valve with CABG	⊙	⊙	⊙	⊙	8.4	$166,701	$51,195
Total Valve	⊙	⊙	⊙	⊙	8.9	$161,485	$53,504
Good Samaritan/Lebanon							
CABG without Valve	⊙	⊙	⊙	⊙	5.1	$77,790	$24,230
Valve without CABG	NR	NR	NR	NR	NR	$96,219	NR
Valve with CABG	NR	NR	NR	NR	NR	NR	NR
Total Valve	NR	NR	NR	NR	NR	$106,070	$29,991
Graduate[1]							
CABG without Valve	NR	NR	NR	NR	NR	$305,823	NR
Valve without CABG	NR	NR	NR	NR	NR	NR	NR
Valve with CABG	NR	NR	NR	NR	NR	NR	NR
Total Valve	NR	NR	NR	NR	NR	NR	NR
Hahnemann University							
CABG without Valve	●	●	⊙	⊙	8.4	$351,987	$48,075
Valve without CABG	NR	NR	NR	NR	NR	$410,761	NR
Valve with CABG	●	NR	NR	NR	13.6	$562,496	NR
Total Valve	●	●	⊙	⊙	11.6	$466,216	$72,741
Hamot							
CABG without Valve	⊙	⊙	⊙	⊙	5.6	$116,583	$24,175
Valve without CABG	⊙	⊙	⊙	⊙	6.5	$131,336	$30,658
Valve with CABG	⊙	⊙	⊙	⊙	9.3	$191,090	$40,021
Total Valve	⊙	⊙	⊙	⊙	7.7	$161,825	$35,943
Holy Spirit							
CABG without Valve	⊙	⊙	⊙	⊙	4.7	$66,217	$25,228
Valve without CABG	⊙	⊙	NR	NR	NR	$79,422	$32,057
Valve with CABG	⊙	⊙	⊙	⊙	7.0	$100,458	$35,093
Total Valve	⊙	⊙	⊙	⊙	5.9	$89,358	$33,897
Hospital University PA							
CABG without Valve	⊙	⊙	⊙	⊙	6.6	$183,635	$50,636
Valve without CABG	⊙	⊙	⊙	⊙	6.9	$205,703	$59,640
Valve with CABG	⊙	⊙	⊙	⊙	9.2	$280,912	$62,835
Total Valve	⊙	⊙	⊙	⊙	7.8	$233,926	$60,909

[1] Stopped performing CABG/valve procedures in Quarter 3, 2006.

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

HOSPITAL DATA

	Number of Cases			Hospital Data 2005-2006 (Two Years Combined)					
				Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day		
Jeanes[1]									
CABG without Valve	0	7	7	NR	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR	NR
Total Valve	0	0	0	NR	NR	NR	NR	NR	NR
Jefferson Regional									
CABG without Valve	248	228	476	⊙	⊙	⊙	⊙	6.4	$44,455
Valve without CABG	36	45	81	⊙	○	⊙	⊙	6.9	$60,537
Valve with CABG	83	108	191	○	⊙	⊙	⊙	8.8	$75,467
Total Valve	119	153	272	○	○	⊙	⊙	7.9	$68,851
Lancaster General									
CABG without Valve	298	311	609	⊙	⊙	⊙	⊙	6.0	$59,991
Valve without CABG	107	93	200	⊙	○	⊙	⊙	6.9	$70,197
Valve with CABG	99	82	181	⊙	⊙	⊙	⊙	8.8	$93,380
Total Valve	206	175	381	○	○	⊙	⊙	7.7	$81,362
Lancaster Regional									
CABG without Valve	61	34	95	⊙	⊙	⊙	⊙	6.9	$100,735
Valve without CABG	16	10	26	NR	NR	NR	NR	NR	$129,688
Valve with CABG	18	18	36	⊙	⊙	⊙	⊙	9.3	$144,636
Total Valve	34	28	62	⊙	⊙	⊙	⊙	8.8	$134,624
Lehigh Valley									
CABG without Valve	451	439	890	○	○	⊙	⊙	4.7	$100,663
Valve without CABG	107	90	197	⊙	⊙	⊙	⊙	5.5	$124,518
Valve with CABG	78	93	171	⊙	⊙	⊙	⊙	6.3	$160,529
Total Valve	185	183	368	⊙	⊙	⊙	⊙	5.9	$142,365
Lehigh Valley/Muhlenberg									
CABG without Valve	71	68	139	⊙	⊙	⊙	⊙	3.3	$93,380
Valve without CABG	25	29	54	⊙	⊙	●	●	4.0	$103,632
Valve with CABG	22	29	51	⊙	⊙	⊙	⊙	4.7	$136,668
Total Valve	47	58	105	⊙	⊙	⊙	⊙	4.3	$119,967
Main Line Bryn Mawr									
CABG without Valve	85	69	154	⊙	⊙	⊙	⊙	6.0	$141,109
Valve without CABG	28	37	65	⊙	⊙	⊙	⊙	7.2	$188,142
Valve with CABG	20	10	30	⊙	NR	NR	NR	9.8	$242,702
Total Valve	48	47	95	⊙	⊙	⊙	⊙	8.1	$207,520

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

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

HOSPITAL DATA

	Hospital Data 2006						
	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge	Average Medicare Payment
	In-Hospital	30-Day	7-Day	30-Day			
Jeanes[1]							
CABG without Valve	NR	NR	NR	NR	NR	NR	NR
Valve without CABG	NR	NR	NR	NR	NR	NR	NR
Valve with CABG	NR	NR	NR	NR	NR	NR	NR
Total Valve	NR	NR	NR	NR	NR	NR	NR
Jefferson Regional							
CABG without Valve	⊙	⊙	⊙	⊙	6.4	$45,766	$23,851
Valve without CABG	⊙	⊙	⊙	⊙	6.9	$51,940	$31,856
Valve with CABG	○	⊙	⊙	⊙	8.8	$69,508	$37,224
Total Valve	○	⊙	⊙	⊙	7.9	$62,237	$35,467
Lancaster General							
CABG without Valve	⊙	⊙	⊙	⊙	6.2	$63,584	$29,561
Valve without CABG	⊙	⊙	⊙	⊙	6.9	$69,685	$32,982
Valve with CABG	⊙	⊙	⊙	⊙	9.4	$96,420	$39,752
Total Valve	⊙	⊙	⊙	⊙	8.0	$82,362	$36,535
Lancaster Regional							
CABG without Valve	⊙	⊙	⊙	⊙	6.8	$97,158	$26,663
Valve without CABG	NR	NR	NR	NR	NR	NR	NR
Valve with CABG	NR	NR	NR	NR	NR	$159,870	NR
Total Valve	NR	NR	NR	NR	NR	$147,623	$43,726
Lehigh Valley							
CABG without Valve	⊙	○	⊙	⊙	4.7	$108,027	$30,436
Valve without CABG	⊙	⊙	⊙	⊙	5.3	$131,347	$32,823
Valve with CABG	⊙	⊙	⊙	⊙	6.0	$164,047	$41,144
Total Valve	⊙	⊙	⊙	⊙	5.6	$147,142	$37,601
Lehigh Valley/Muhlenberg							
CABG without Valve	⊙	⊙	⊙	⊙	3.1	$91,240	$24,977
Valve without CABG	NR	NR	NR	NR	NR	$113,884	$25,772
Valve with CABG	NR	NR	NR	NR	NR	$136,665	$30,416
Total Valve	⊙	⊙	●	⊙	4.6	$124,829	$28,204
Main Line Bryn Mawr							
CABG without Valve	⊙	⊙	⊙	⊙	5.8	$136,033	$30,399
Valve without CABG	⊙	⊙	⊙	⊙	7.1	$205,875	NR
Valve with CABG	NR	NR	NR	NR	NR	NR	NR
Total Valve	⊙	⊙	⊙	⊙	8.5	$236,694	$44,775

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

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

HOSPITAL DATA

	Number of Cases			Hospital Data 2005-2006 (Two Years Combined)					
				Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day		
Main Line Lankenau									
CABG without Valve	298	257	555	○	○	⊙	⊙	5.4	$129,390
Valve without CABG	123	127	250	⊙	⊙	⊙	⊙	6.1	$179,686
Valve with CABG	57	75	132	⊙	⊙	⊙	⊙	8.5	$223,250
Total Valve	180	202	382	⊙	⊙	⊙	⊙	7.0	$195,982
Main Line Paoli									
CABG without Valve	105	72	177	⊙	⊙	⊙	⊙	6.4	$143,447
Valve without CABG	23	6	29	NR	NR	NR	NR	NR	$163,747
Valve with CABG	20	8	28	NR	NR	NR	NR	NR	$251,513
Total Valve	43	14	57	⊙	⊙	⊙	⊙	7.8	$202,359
Medical Center Beaver									
CABG without Valve	207	176	383	⊙	○	⊙	⊙	5.8	$49,302
Valve without CABG	43	31	74	⊙	⊙	⊙	⊙	7.3	$62,167
Valve with CABG	26	33	59	⊙	⊙	⊙	⊙	7.9	$63,585
Total Valve	69	64	133	⊙	⊙	⊙	⊙	7.6	$63,756
Mercy Fitzgerald									
CABG without Valve	90	78	168	●	●	⊙	●	6.6	$220,799
Valve without CABG	4	5	9	NR	NR	NR	NR	NR	NR
Valve with CABG	4	3	7	NR	NR	NR	NR	NR	NR
Total Valve	8	8	16	NR	NR	NR	NR	NR	$225,418
Mercy Pittsburgh									
CABG without Valve	256	236	492	⊙	⊙	⊙	⊙	6.8	$81,364
Valve without CABG	35	40	75	⊙	⊙	⊙	⊙	8.3	$113,331
Valve with CABG	56	57	113	⊙	⊙	⊙	⊙	11.0	$129,284
Total Valve	91	97	188	⊙	⊙	⊙	⊙	9.6	$121,412
Mercy/Scranton									
CABG without Valve	221	185	406	⊙	⊙	⊙	⊙	6.3	$69,487
Valve without CABG	64	63	127	⊙	⊙	⊙	⊙	7.0	$85,750
Valve with CABG	66	51	117	⊙	⊙	⊙	⊙	8.4	$101,723
Total Valve	130	114	244	⊙	⊙	⊙	⊙	7.6	$93,595
Milton S Hershey									
CABG without Valve	196	185	381	⊙	⊙	⊙	⊙	5.7	$59,734
Valve without CABG	89	88	177	⊙	⊙	⊙	⊙	6.9	$73,362
Valve with CABG	64	70	134	⊙	⊙	⊙	⊙	7.9	$91,093
Total Valve	153	158	311	⊙	⊙	⊙	⊙	7.4	$82,026
Penn Presbyterian									
CABG without Valve	221	192	413	⊙	⊙	⊙	⊙	6.6	$131,520
Valve without CABG	159	180	339	⊙	⊙	⊙	⊙	7.4	$157,047
Valve with CABG	86	92	178	●	⊙	⊙	⊙	9.4	$190,757
Total Valve	245	272	517	⊙	⊙	⊙	⊙	8.2	$168,992

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HOSPITAL DATA

	Hospital Data 2006						
	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge	Average Medicare Payment
	In-Hospital	30-Day	7-Day	30-Day			
Main Line Lankenau							
CABG without Valve	⊙	⊙	⊙	⊙	5.3	$131,918	$30,912
Valve without CABG	⊙	⊙	⊙	⊙	6.1	$179,247	$36,061
Valve with CABG	⊙	⊙	⊙	⊙	8.2	$231,094	$53,871
Total Valve	⊙	⊙	⊙	⊙	6.9	$198,543	$43,326
Main Line Paoli							
CABG without Valve	⊙	⊙	⊙	⊙	6.2	$154,183	$30,885
Valve without CABG	NR	NR	NR	NR	NR	NR	NR
Valve with CABG	NR	NR	NR	NR	NR	NR	NR
Total Valve	NR	NR	NR	NR	NR	$182,069	NR
Medical Center Beaver							
CABG without Valve	⊙	⊙	⊙	⊙	6.0	$48,543	$24,041
Valve without CABG	⊙	NR	NR	NR	7.3	$60,302	NR
Valve with CABG	⊙	⊙	⊙	⊙	8.4	$61,321	NR
Total Valve	⊙	⊙	⊙	●	7.7	$60,855	$33,191
Mercy Fitzgerald							
CABG without Valve	●	●	⊙	●	6.1	$221,366	$38,698
Valve without CABG	NR	NR	NR	NR	NR	NR	NR
Valve with CABG	NR	NR	NR	NR	NR	NR	NR
Total Valve	NR	NR	NR	NR	NR	NR	NR
Mercy Pittsburgh							
CABG without Valve	⊙	⊙	⊙	⊙	6.6	$85,064	$32,819
Valve without CABG	⊙	⊙	⊙	⊙	7.8	$113,706	NR
Valve with CABG	⊙	⊙	⊙	⊙	11.2	$139,804	NR
Total Valve	⊙	⊙	⊙	⊙	9.4	$127,463	$50,234
Mercy/Scranton							
CABG without Valve	●	⊙	⊙	⊙	6.2	$70,841	$27,566
Valve without CABG	⊙	⊙	⊙	⊙	7.4	$85,351	$36,123
Valve with CABG	⊙	⊙	⊙	⊙	8.4	$96,412	$36,860
Total Valve	⊙	⊙	⊙	⊙	7.8	$90,710	$36,468
Milton S Hershey							
CABG without Valve	⊙	●	⊙	⊙	6.0	$64,354	$34,538
Valve without CABG	⊙	⊙	⊙	○	7.1	$80,677	$48,517
Valve with CABG	⊙	⊙	⊙	⊙	8.0	$97,419	$53,178
Total Valve	●	⊙	⊙	⊙	7.5	$88,819	$50,786
Penn Presbyterian							
CABG without Valve	⊙	⊙	⊙	⊙	6.8	$134,983	$43,046
Valve without CABG	⊙	⊙	⊙	●	7.5	$163,004	$51,628
Valve with CABG	⊙	⊙	⊙	⊙	9.5	$186,323	$55,545
Total Valve	⊙	⊙	⊙	●	8.3	$173,215	$53,326

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

HOSPITAL DATA

	Number of Cases			Hospital Data 2005-2006 (Two Years Combined)					
				Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day		
Pennsylvania									
CABG without Valve	92	124	216	⊙	⊙	⊙	⊙	6.6	$180,684
Valve without CABG	18	28	46	⊙	⊙	●	●	6.7	$197,282
Valve with CABG	21	24	45	⊙	NR	NR	NR	9.3	$282,326
Total Valve	39	52	91	⊙	⊙	●	●	7.8	$229,180
Phoenixville									
CABG without Valve	60	64	124	⊙	⊙	⊙	⊙	5.9	$129,186
Valve without CABG	6	9	15	NR	NR	NR	NR	NR	$147,959
Valve with CABG	7	3	10	NR	NR	NR	NR	NR	NR
Total Valve	13	12	25	NR	NR	NR	NR	NR	$151,073
Pinnacle Health									
CABG without Valve	465	463	928	●	●	⊙	●	5.8	$73,707
Valve without CABG	72	79	151	⊙	⊙	⊙	⊙	7.1	$87,645
Valve with CABG	73	73	146	⊙	⊙	⊙	⊙	8.3	$107,724
Total Valve	145	152	297	⊙	⊙	⊙	⊙	7.6	$97,306
Reading									
CABG without Valve	176	190	366	⊙	○	○	○	5.7	$69,462
Valve without CABG	30	37	67	⊙	⊙	⊙	○	6.7	$81,801
Valve with CABG	47	35	82	⊙	⊙	⊙	○	7.8	$94,608
Total Valve	77	72	149	⊙	⊙	○	○	7.2	$87,792
Robert Packer									
CABG without Valve	204	190	394	⊙	⊙	⊙	⊙	5.3	$45,313
Valve without CABG	36	62	98	⊙	⊙	⊙	⊙	5.9	$59,382
Valve with CABG	34	39	73	⊙	⊙	⊙	⊙	7.6	$74,032
Total Valve	70	101	171	⊙	⊙	⊙	⊙	6.6	$66,362
Sacred Heart/Allentown									
CABG without Valve	40	44	84	⊙	⊙	⊙	○	5.1	$73,949
Valve without CABG	7	9	16	NR	NR	NR	NR	NR	$98,610
Valve with CABG	9	10	19	NR	NR	NR	NR	NR	$113,563
Total Valve	16	19	35	⊙	⊙	⊙	⊙	5.7	$105,656
Saint Vincent Health									
CABG without Valve	388	379	767	⊙	⊙	●	⊙	5.0	$122,900
Valve without CABG	48	51	99	⊙	⊙	⊙	⊙	6.0	$143,441
Valve with CABG	69	60	129	⊙	●	⊙	⊙	7.1	$182,034
Total Valve	117	111	228	⊙	●	⊙	⊙	6.5	$163,613
Sharon Regional									
CABG without Valve	83	55	138	⊙	⊙	⊙	⊙	6.2	$70,379
Valve without CABG	4	3	7	NR	NR	NR	NR	NR	NR
Valve with CABG	2	0	2	NR	NR	NR	NR	NR	NR
Total Valve	6	3	9	NR	NR	NR	NR	NR	NR

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

HOSPITAL DATA

	Hospital Data 2006						
	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge	Average Medicare Payment
	In-Hospital	30-Day	7-Day	30-Day			
Pennsylvania							
CABG without Valve	⊙	⊙	⊙	⊙	6.7	$188,272	$38,191
Valve without CABG	NR	NR	NR	NR	NR	$215,274	NR
Valve with CABG	NR	NR	NR	NR	NR	$290,606	NR
Total Valve	⊙	⊙	⊙	⊙	7.4	$242,753	$55,910
Phoenixville							
CABG without Valve	⊙	⊙	⊙	⊙	6.3	$146,424	$31,410
Valve without CABG	NR	NR	NR	NR	NR	NR	NR
Valve with CABG	NR	NR	NR	NR	NR	NR	NR
Total Valve	NR	NR	NR	NR	NR	NR	NR
Pinnacle Health							
CABG without Valve	⊙	⊙	⊙	⊙	5.6	$73,018	$27,078
Valve without CABG	⊙	⊙	⊙	⊙	7.0	$90,228	$33,845
Valve with CABG	⊙	⊙	⊙	⊙	8.6	$113,112	$37,947
Total Valve	⊙	⊙	⊙	⊙	7.7	$101,070	$36,249
Reading							
CABG without Valve	⊙	○	○	○	5.6	$79,877	$31,263
Valve without CABG	⊙	⊙	⊙	○	6.7	$98,218	$39,684
Valve with CABG	⊙	⊙	⊙	⊙	7.9	$110,518	$45,354
Total Valve	⊙	⊙	⊙	○	7.3	$104,219	$42,519
Robert Packer							
CABG without Valve	⊙	⊙	⊙	⊙	5.4	$47,627	$28,751
Valve without CABG	⊙	⊙	⊙	⊙	5.8	$60,851	$38,226
Valve with CABG	⊙	NR	NR	NR	7.9	$78,927	$40,391
Total Valve	⊙	⊙	⊙	⊙	6.6	$68,626	$39,245
Sacred Heart/Allentown							
CABG without Valve	⊙	⊙	⊙	⊙	5.0	$77,331	$28,186
Valve without CABG	NR	NR	NR	NR	NR	NR	NR
Valve with CABG	NR	NR	NR	NR	NR	NR	NR
Total Valve	NR	NR	NR	NR	NR	$114,068	NR
Saint Vincent Health							
CABG without Valve	○	⊙	●	⊙	4.9	$122,698	$28,824
Valve without CABG	⊙	⊙	⊙	⊙	5.8	$151,321	$26,683
Valve with CABG	⊙	⊙	⊙	⊙	6.5	$195,156	$33,466
Total Valve	⊙	⊙	⊙	⊙	6.1	$174,003	$31,127
Sharon Regional							
CABG without Valve	⊙	⊙	⊙	⊙	6.0	$69,792	$24,555
Valve without CABG	NR	NR	NR	NR	NR	NR	NR
Valve with CABG	NR	NR	NR	NR	NR	NR	NR
Total Valve	NR	NR	NR	NR	NR	NR	NR

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

HOSPITAL DATA

	Number of Cases			Hospital Data 2005-2006 (Two Years Combined)					
				Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day		
St Clair Memorial									
CABG without Valve	183	173	356	⊙	⊙	○	⊙	5.3	$53,598
Valve without CABG	21	33	54	⊙	⊙	⊙	⊙	7.7	$77,861
Valve with CABG	32	28	60	⊙	⊙	⊙	⊙	7.1	$84,983
Total Valve	53	61	114	⊙	⊙	⊙	⊙	7.3	$81,668
St Joseph/Reading									
CABG without Valve	89	73	162	⊙	⊙	⊙	⊙	6.0	$70,085
Valve without CABG	13	17	30	⊙	⊙	NR	NR	NR	$85,642
Valve with CABG	16	7	23	NR	NR	NR	NR	NR	$111,057
Total Valve	29	24	53	⊙	⊙	⊙	⊙	7.0	$98,149
St Luke's/Bethlehem									
CABG without Valve	230	182	412	⊙	○	⊙	○	6.5	$102,707
Valve without CABG	48	52	100	⊙	⊙	⊙	⊙	7.8	$126,923
Valve with CABG	63	41	104	⊙	⊙	⊙	⊙	10.3	$149,115
Total Valve	111	93	204	⊙	⊙	⊙	⊙	8.9	$137,995
St Mary									
CABG without Valve	250	223	473	⊙	⊙	⊙	⊙	5.2	$84,632
Valve without CABG	26	34	60	⊙	⊙	●	●	6.5	$139,079
Valve with CABG	52	47	99	⊙	⊙	⊙	⊙	8.2	$158,443
Total Valve	78	81	159	⊙	⊙	⊙	●	7.3	$147,300
Temple Lower Bucks									
CABG without Valve	74	61	135	⊙	⊙	⊙	●	7.0	$212,858
Valve without CABG	4	2	6	NR	NR	NR	NR	NR	NR
Valve with CABG	6	8	14	NR	NR	NR	NR	NR	$353,943
Total Valve	10	10	20	NR	NR	NR	NR	NR	$333,077
Temple University									
CABG without Valve	114	91	205	●	●	⊙	⊙	6.3	$363,004
Valve without CABG	37	40	77	⊙	⊙	⊙	●	7.7	$401,790
Valve with CABG	18	21	39	⊙	⊙	NR	NR	11.1	$552,932
Total Valve	55	61	116	⊙	⊙	⊙	●	8.9	$454,367
Thomas Jefferson Univ									
CABG without Valve	173	127	300	⊙	⊙	⊙	⊙	7.5	$205,313
Valve without CABG	46	46	92	⊙	⊙	⊙	○	9.6	$237,617
Valve with CABG	27	29	56	⊙	⊙	⊙	⊙	12.5	$287,492
Total Valve	73	75	148	⊙	⊙	⊙	○	10.8	$254,867
UPMC Passavant									
CABG without Valve	150	187	337	⊙	⊙	⊙	⊙	6.4	$84,355
Valve without CABG	19	69	88	⊙	⊙	⊙	⊙	7.6	$98,952
Valve with CABG	28	58	86	○	○	⊙	⊙	8.2	$120,552
Total Valve	47	127	174	⊙	⊙	⊙	⊙	7.8	$110,308

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HOSPITAL DATA

	Hospital Data 2006						
	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge	Average Medicare Payment
	In-Hospital	30-Day	7-Day	30-Day			
St Clair Memorial							
CABG without Valve	⊙	⊙	○	⊙	5.0	$54,947	$24,945
Valve without CABG	⊙	⊙	⊙	⊙	7.9	$78,460	NR
Valve with CABG	NR	NR	NR	NR	NR	$87,423	NR
Total Valve	⊙	⊙	⊙	⊙	7.8	$83,345	$28,916
St Joseph/Reading							
CABG without Valve	⊙	⊙	⊙	⊙	6.2	$73,985	$32,864
Valve without CABG	NR	NR	NR	NR	NR	$92,001	NR
Valve with CABG	NR	NR	NR	NR	NR	NR	NR
Total Valve	NR	NR	NR	NR	NR	$103,197	$45,676
St Luke's/Bethlehem							
CABG without Valve	⊙	⊙	⊙	⊙	7.0	$131,198	$39,001
Valve without CABG	⊙	⊙	⊙	⊙	8.8	$172,281	$49,659
Valve with CABG	⊙	⊙	⊙	⊙	10.4	$191,687	$57,397
Total Valve	⊙	⊙	⊙	⊙	9.5	$182,785	$53,596
St Mary							
CABG without Valve	⊙	⊙	⊙	⊙	5.2	$86,232	$26,517
Valve without CABG	⊙	⊙	●	●	6.9	$131,599	NR
Valve with CABG	⊙	NR	NR	NR	8.4	$157,036	NR
Total Valve	⊙	⊙	⊙	●	7.5	$141,931	$39,840
Temple Lower Bucks							
CABG without Valve	⊙	⊙	⊙	●	6.9	$211,196	$31,650
Valve without CABG	NR	NR	NR	NR	NR	NR	NR
Valve with CABG	NR	NR	NR	NR	NR	NR	NR
Total Valve	NR	NR	NR	NR	NR	NR	NR
Temple University							
CABG without Valve	⊙	⊙	⊙	⊙	5.8	$360,812	$43,235
Valve without CABG	⊙	⊙	⊙	⊙	7.9	$400,548	NR
Valve with CABG	NR	NR	NR	NR	NR	$593,051	NR
Total Valve	⊙	⊙	●	⊙	9.4	$470,291	$58,351
Thomas Jefferson Univ							
CABG without Valve	⊙	⊙	⊙	⊙	7.4	$209,471	$45,916
Valve without CABG	⊙	⊙	⊙	○	10.3	$227,754	NR
Valve with CABG	NR	NR	NR	NR	NR	$282,895	NR
Total Valve	⊙	⊙	⊙	⊙	11.4	$247,649	$72,311
UPMC Passavant							
CABG without Valve	⊙	⊙	⊙	⊙	6.7	$86,484	$22,812
Valve without CABG	⊙	⊙	⊙	⊙	7.9	$99,503	$34,346
Valve with CABG	⊙	⊙	⊙	⊙	8.0	$122,375	$33,331
Total Valve	⊙	⊙	⊙	⊙	7.9	$110,997	$33,814

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HOSPITAL DATA

	Number of Cases			Hospital Data 2005-2006 (Two Years Combined)					
				Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day		
UPMC Presby Shadyside									
CABG without Valve	804	745	1,549	⊙	⊙	⊙	⊙	6.6	$172,190
Valve without CABG	221	213	434	⊙	⊙	⊙	⊙	7.9	$219,793
Valve with CABG	270	238	508	⊙	⊙	⊙	⊙	9.7	$275,418
Total Valve	491	451	942	⊙	⊙	⊙	⊙	8.7	$249,134
Washington									
CABG without Valve	162	125	287	⊙	⊙	●	⊙	5.9	$68,437
Valve without CABG	34	44	78	⊙	⊙	●	●	7.5	$104,356
Valve with CABG	45	35	80	⊙	⊙	⊙	●	10.2	$119,201
Total Valve	79	79	158	⊙	⊙	●	●	8.7	$112,313
Western Pennsylvania									
CABG without Valve	388	370	758	⊙	⊙	⊙	⊙	6.1	$102,891
Valve without CABG	70	66	136	○	⊙	⊙	⊙	7.6	$122,109
Valve with CABG	93	96	189	⊙	⊙	⊙	⊙	8.6	$151,118
Total Valve	163	162	325	⊙	⊙	⊙	⊙	8.0	$137,669
Westmoreland Regional									
CABG without Valve	309	330	639	⊙	⊙	⊙	●	5.3	$44,219
Valve without CABG	41	39	80	⊙	⊙	⊙	⊙	5.9	$54,622
Valve with CABG	65	66	131	⊙	⊙	⊙	⊙	7.4	$71,084
Total Valve	106	105	211	⊙	⊙	⊙	⊙	6.6	$63,782
Williamsport									
CABG without Valve	167	141	308	⊙	●	⊙	⊙	5.3	$59,417
Valve without CABG	37	29	66	⊙	⊙	⊙	⊙	6.9	$80,296
Valve with CABG	34	25	59	●	●	⊙	⊙	7.7	$93,263
Total Valve	71	54	125	●	●	⊙	⊙	7.3	$86,119
WVHCS									
CABG without Valve	232	200	432	⊙	⊙	⊙	⊙	5.0	$60,355
Valve without CABG	39	29	68	⊙	⊙	●	⊙	6.4	$88,086
Valve with CABG	31	45	76	⊙	⊙	⊙	●	6.6	$95,023
Total Valve	70	74	144	⊙	⊙	●	●	6.4	$90,977
York									
CABG without Valve	337	314	651	⊙	⊙	⊙	○	5.8	$51,038
Valve without CABG	41	72	113	⊙	⊙	⊙	○	7.2	$64,917
Valve with CABG	46	65	111	⊙	⊙	⊙	○	8.2	$79,919
Total Valve	87	137	224	⊙	⊙	⊙	○	7.6	$72,128
Statewide									
CABG without Valve	11,879	11,022	22,901					5.8	$104,405
Valve without CABG	2,846	3,000	5,846					7.1	$142,327
Valve with CABG	2,608	2,611	5,219					8.5	$163,303
Total Valve	5,454	5,611	11,065					7.7	$152,077

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HOSPITAL DATA

	Hospital Data 2006						
	Mortality		Readmissions		Post-Surgical Length of Stay	Average Hospital Charge	Average Medicare Payment
	In-Hospital	30-Day	7-Day	30-Day			
UPMC Presby Shadyside							
CABG without Valve	⊙	⊙	⊙	⊙	6.7	$185,556	$36,247
Valve without CABG	⊙	⊙	⊙	⊙	8.1	$236,442	$55,055
Valve with CABG	⊙	⊙	⊙	⊙	10.1	$296,458	$58,723
Total Valve	⊙	⊙	⊙	⊙	9.0	$267,214	$57,211
Washington							
CABG without Valve	⊙	⊙	⊙	⊙	5.6	$67,019	$24,029
Valve without CABG	⊙	⊙	●	●	8.0	$114,729	$36,703
Valve with CABG	⊙	⊙	⊙	⊙	10.6	$120,574	$46,046
Total Valve	⊙	⊙	●	●	9.1	$118,720	$42,082
Western Pennsylvania							
CABG without Valve	⊙	⊙	⊙	⊙	6.1	$104,954	$36,444
Valve without CABG	⊙	⊙	⊙	⊙	7.0	$128,751	$37,371
Valve with CABG	⊙	⊙	⊙	⊙	8.6	$155,002	$42,813
Total Valve	⊙	⊙	⊙	⊙	7.8	$142,440	$40,808
Westmoreland Regional							
CABG without Valve	⊙	⊙	⊙	⊙	5.5	$47,862	$25,833
Valve without CABG	⊙	⊙	⊙	⊙	6.2	$60,904	NR
Valve with CABG	⊙	⊙	⊙	⊙	7.9	$72,950	NR
Total Valve	⊙	⊙	⊙	⊙	7.0	$67,227	$32,809
Williamsport							
CABG without Valve	●	●	⊙	⊙	5.5	$60,205	$25,445
Valve without CABG	NR	NR	NR	NR	NR	$84,522	$32,642
Valve with CABG	NR	NR	NR	NR	NR	$89,855	$30,035
Total Valve	⊙	⊙	⊙	⊙	7.6	$86,898	$31,185
WVHCS							
CABG without Valve	⊙	⊙	⊙	⊙	5.2	$62,641	$26,468
Valve without CABG	NR	NR	NR	NR	NR	$92,572	$30,729
Valve with CABG	⊙	⊙	⊙	⊙	6.1	$93,547	$43,027
Total Valve	⊙	⊙	●	⊙	6.1	$90,711	$38,533
York							
CABG without Valve	○	○	⊙	○	5.8	$51,625	$29,090
Valve without CABG	⊙	⊙	⊙	⊙	7.4	$65,220	$38,445
Valve with CABG	⊙	⊙	⊙	○	8.1	$76,941	$45,123
Total Valve	⊙	⊙	⊙	○	7.7	$70,807	$41,980
Statewide							
CABG without Valve					5.8	$108,490	$30,423
Valve without CABG					7.1	$145,686	$42,128
Valve with CABG					8.6	$170,310	$45,620
Total Valve					7.8	$156,992	$43,960

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

SURGEON DATA

Surgeon Data 2005-2006 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Abrishamchian, A. Reza								
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
Acker, Michael A.								
CABG without Valve	49	55	104	⊙	⊙	⊙	⊙	6.8
Valve without CABG	99	111	210	⊙	⊙	⊙	⊙	6.5
Valve with CABG	36	46	82	⊙	⊙	⊙	⊙	9.2
Total Valve	135	157	292	⊙	⊙	⊙	⊙	7.4
Addonizio, V. Paul								
CABG without Valve	85	87	172	⊙	⊙	⊙	⊙	7.1
Valve without CABG	119	141	260	⊙	⊙	⊙	○	8.6
Valve with CABG	39	39	78	⊙	⊙	⊙	⊙	10.5
Total Valve	158	180	338	⊙	⊙	⊙	○	9.4
Alspaugh, Dahlia M.								
CABG without Valve	34	0	34	⊙	⊙	⊙	⊙	7.3
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
Anastasi, John S.								
CABG without Valve	89	94	183	⊙	⊙	⊙	●	5.0
Valve without CABG	50	41	91	⊙	●	●	●	5.7
Valve with CABG	31	30	61	⊙	⊙	⊙	⊙	6.8
Total Valve	81	71	152	⊙	⊙	⊙	⊙	6.2
Anene, Charles								
CABG without Valve	41	47	88	⊙	⊙	⊙	●	6.9
Valve without CABG	2	1	3	NR	NR	NR	NR	NR
Valve with CABG	4	5	9	NR	NR	NR	NR	NR
Total Valve	6	6	12	NR	NR	NR	NR	NR
Angelico, Richard J.								
CABG without Valve	53	54	107	⊙	⊙	⊙	⊙	6.3
Valve without CABG	12	5	17	NR	NR	NR	NR	NR
Valve with CABG	14	15	29	NR	NR	NR	NR	NR
Total Valve	26	20	46	⊙	NR	NR	NR	9.8
Aufiero, Thomas X.								
CABG without Valve	70	53	123	⊙	⊙	⊙	⊙	5.5
Valve without CABG	27	14	41	⊙	⊙	⊙	⊙	7.1
Valve with CABG	16	10	26	NR	NR	NR	NR	NR
Total Valve	43	24	67	●	●	⊙	⊙	7.6

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

SURGEON DATA

Surgeon Data 2005-2006 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Bailey, Steven H.								
CABG without Valve	0	68	68	⊙	⊙	⊙	⊙	6.9
Valve without CABG	0	12	12	NR	NR	NR	NR	NR
Valve with CABG	0	12	12	NR	NR	NR	NR	NR
Total Valve	0	24	24	NR	NR	NR	NR	NR
Bavaria, Joseph E.								
CABG without Valve	13	12	25	NR	NR	NR	NR	NR
Valve without CABG	67	70	137	⊙	⊙	⊙	⊙	7.0
Valve with CABG	22	31	53	⊙	NR	NR	NR	9.2
Total Valve	89	101	190	⊙	⊙	⊙	⊙	7.8
Benckart, Daniel H.								
CABG without Valve	23	28	51	⊙	⊙	⊙	⊙	6.7
Valve without CABG	24	10	34	⊙	⊙	⊙	⊙	7.4
Valve with CABG	4	2	6	NR	NR	NR	NR	NR
Total Valve	28	12	40	⊙	⊙	⊙	⊙	8.2
Bennett, Robert D.								
CABG without Valve	122	89	211	⊙	⊙	⊙	⊙	6.6
Valve without CABG	10	11	21	NR	NR	NR	NR	NR
Valve with CABG	34	18	52	⊙	⊙	⊙	⊙	11.0
Total Valve	44	29	73	⊙	⊙	⊙	⊙	9.4
Benoit, Charles H.								
CABG without Valve	74	82	156	⊙	⊙	○	○	5.3
Valve without CABG	20	15	35	⊙	⊙	⊙	⊙	7.9
Valve with CABG	21	28	49	⊙	⊙	⊙	⊙	7.8
Total Valve	41	43	84	⊙	⊙	⊙	⊙	7.8
Bermudez, Christian								
CABG without Valve	0	15	15	NR	NR	NR	NR	NR
Valve without CABG	0	1	1	NR	NR	NR	NR	NR
Valve with CABG	0	7	7	NR	NR	NR	NR	NR
Total Valve	0	8	8	NR	NR	NR	NR	NR
Bernabei, Alvise F.								
CABG without Valve	0	7	7	NR	NR	NR	NR	NR
Valve without CABG	0	2	2	NR	NR	NR	NR	NR
Valve with CABG	0	9	9	NR	NR	NR	NR	NR
Total Valve	0	11	11	NR	NR	NR	NR	NR
Biswas, Kunda S.								
CABG without Valve	0	6	6	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	0	0	NR	NR	NR	NR	NR

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SURGEON DATA

Surgeon Data 2005-2006 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Boateng, Percy								
CABG without Valve	0	12	12	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
Bogar, Linda J.								
CABG without Valve	93	86	179	⊙	⊙	⊙	⊙	6.6
Valve without CABG	17	19	36	⊙	⊙	⊙	⊙	8.4
Valve with CABG	4	9	13	NR	NR	NR	NR	NR
Total Valve	21	28	49	●	⊙	⊙	⊙	9.8
Boonswang, Narongsak Ab								
CABG without Valve	0	13	13	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	5	5	NR	NR	NR	NR	NR
Total Valve	0	5	5	NR	NR	NR	NR	NR
Boova, Robert S.								
CABG without Valve	82	68	150	⊙	⊙	⊙	⊙	6.1
Valve without CABG	27	37	64	⊙	⊙	⊙	⊙	7.2
Valve with CABG	19	9	28	NR	NR	NR	NR	NR
Total Valve	46	46	92	⊙	⊙	⊙	⊙	8.1
Bridges, Charles R.								
CABG without Valve	61	106	167	⊙	⊙	⊙	⊙	6.6
Valve without CABG	14	22	36	⊙	NR	NR	NR	6.8
Valve with CABG	14	21	35	⊙	NR	NR	NR	9.5
Total Valve	28	43	71	⊙	⊙	●	●	8.0
Brown, Paul								
CABG without Valve	0	6	6	NR	NR	NR	NR	NR
Valve without CABG	0	2	2	NR	NR	NR	NR	NR
Valve with CABG	0	5	5	NR	NR	NR	NR	NR
Total Valve	0	7	7	NR	NR	NR	NR	NR
Buenaventura, Percival O.								
CABG without Valve	6	9	15	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
Burlingame, Mark W.								
CABG without Valve	102	112	214	⊙	○	⊙	⊙	5.8
Valve without CABG	40	32	72	⊙	⊙	⊙	⊙	6.5
Valve with CABG	39	26	65	⊙	⊙	⊙	⊙	8.4
Total Valve	79	58	137	○	○	⊙	⊙	7.3

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SURGEON DATA

	Surgeon Data 2005-2006 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Butler, Michael D.								
CABG without Valve	85	80	165	⊙	⊙	⊙	⊙	6.2
Valve without CABG	10	9	19	NR	NR	NR	NR	NR
Valve with CABG	18	15	33	⊙	NR	NR	NR	9.0
Total Valve	28	24	52	⊙	⊙	⊙	⊙	7.8
Campbell, David B.								
CABG without Valve	25	16	41	⊙	⊙	⊙	⊙	5.7
Valve without CABG	11	18	29	NR	NR	NR	NR	NR
Valve with CABG	15	12	27	NR	NR	NR	NR	NR
Total Valve	26	30	56	⊙	⊙	⊙	⊙	7.6
Cardone, John C.								
CABG without Valve	37	0	37	⊙	⊙	⊙	⊙	5.5
Valve without CABG	1	0	1	NR	NR	NR	NR	NR
Valve with CABG	8	0	8	NR	NR	NR	NR	NR
Total Valve	9	0	9	NR	NR	NR	NR	NR
Casale, Alfred S.								
CABG without Valve	43	53	96	⊙	⊙	⊙	⊙	5.4
Valve without CABG	14	9	23	NR	NR	NR	NR	NR
Valve with CABG	20	5	25	NR	NR	NR	NR	NR
Total Valve	34	14	48	⊙	⊙	⊙	⊙	6.5
Casey, Kevin								
CABG without Valve	55	42	97	●	●	⊙	⊙	7.1
Valve without CABG	19	20	39	⊙	⊙	⊙	⊙	7.9
Valve with CABG	19	11	30	⊙	NR	NR	NR	NR
Total Valve	38	31	69	⊙	⊙	⊙	⊙	9.3
Childers, Henry E.								
CABG without Valve	138	139	277	⊙	⊙	⊙	●	5.2
Valve without CABG	11	17	28	NR	NR	NR	NR	NR
Valve with CABG	19	26	45	⊙	⊙	⊙	⊙	6.9
Total Valve	30	43	73	⊙	⊙	⊙	⊙	6.2
Cope, Jeffrey T.								
CABG without Valve	118	103	221	⊙	⊙	⊙	⊙	6.1
Valve without CABG	31	22	53	⊙	⊙	⊙	⊙	7.3
Valve with CABG	31	37	68	⊙	⊙	⊙	⊙	9.2
Total Valve	62	59	121	⊙	⊙	⊙	⊙	8.2
Crouch, Ray D.								
CABG without Valve	23	20	43	⊙	NR	NR	NR	6.5
Valve without CABG	9	9	18	NR	NR	NR	NR	NR
Valve with CABG	7	8	15	NR	NR	NR	NR	NR
Total Valve	16	17	33	○	⊙	⊙	⊙	8.4

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SURGEON DATA

Surgeon Data 2005-2006 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Culig, Michael H.								
CABG without Valve	97	108	205	⊙	⊙	⊙	⊙	5.8
Valve without CABG	19	12	31	⊙	⊙	⊙	⊙	8.0
Valve with CABG	37	28	65	⊙	⊙	⊙	⊙	7.5
Total Valve	56	40	96	⊙	⊙	⊙	⊙	7.4
Darrell, John C.								
CABG without Valve	75	144	219	⊙	⊙	⊙	⊙	5.2
Valve without CABG	3	14	17	NR	NR	NR	NR	NR
Valve with CABG	2	7	9	NR	NR	NR	NR	NR
Total Valve	5	21	26	NR	NR	NR	NR	NR
Dasika, Uday K.								
CABG without Valve	11	31	42	⊙	⊙	⊙	⊙	5.6
Valve without CABG	2	7	9	NR	NR	NR	NR	NR
Valve with CABG	8	13	21	NR	NR	NR	NR	NR
Total Valve	10	20	30	⊙	⊙	NR	NR	NR
Davliakos, George P.								
CABG without Valve	106	108	214	○	⊙	⊙	⊙	6.3
Valve without CABG	22	22	44	●	●	⊙	⊙	8.4
Valve with CABG	18	20	38	⊙	⊙	⊙	⊙	10.4
Total Valve	40	42	82	⊙	⊙	⊙	⊙	9.3
Dean, David A.								
CABG without Valve	48	65	113	⊙	⊙	⊙	⊙	7.4
Valve without CABG	2	12	14	NR	NR	NR	NR	NR
Valve with CABG	7	7	14	NR	NR	NR	NR	NR
Total Valve	9	19	28	NR	NR	NR	NR	NR
Deshpande, Anil S.								
CABG without Valve	50	49	99	⊙	⊙	⊙	⊙	5.5
Valve without CABG	6	7	13	NR	NR	NR	NR	NR
Valve with CABG	11	7	18	NR	NR	NR	NR	NR
Total Valve	17	14	31	⊙	NR	NR	NR	6.5
Devineni, Rajsekhar								
CABG without Valve	174	105	279	⊙	⊙	⊙	⊙	4.8
Valve without CABG	27	30	57	⊙	⊙	⊙	⊙	5.4
Valve with CABG	34	48	82	⊙	⊙	⊙	⊙	6.2
Total Valve	61	78	139	⊙	⊙	⊙	⊙	5.7
DiMarco Jr., Ross F.								
CABG without Valve	118	121	239	⊙	⊙	⊙	⊙	6.7
Valve without CABG	19	36	55	⊙	⊙	⊙	⊙	8.0
Valve with CABG	33	32	65	⊙	⊙	●	⊙	10.3
Total Valve	52	68	120	⊙	⊙	●	⊙	9.0

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SURGEON DATA

	Surgeon Data 2005-2006 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
DiSesa, Verdi J.								
CABG without Valve	50	45	95	⊙	⊙	○	⊙	5.6
Valve without CABG	22	19	41	⊙	⊙	⊙	⊙	5.9
Valve with CABG	14	17	31	⊙	⊙	NR	NR	NR
Total Valve	36	36	72	⊙	⊙	⊙	⊙	6.4
Diehl, James T.								
CABG without Valve	72	75	147	⊙	⊙	⊙	●	6.7
Valve without CABG	32	32	64	⊙	⊙	⊙	⊙	9.1
Valve with CABG	21	22	43	⊙	NR	NR	NR	12.0
Total Valve	53	54	107	⊙	⊙	⊙	○	10.3
El-Khatib, Hazem N.								
CABG without Valve	106	109	215	⊙	⊙	○	○	6.2
Valve without CABG	16	33	49	⊙	⊙	⊙	⊙	7.9
Valve with CABG	26	18	44	⊙	⊙	⊙	⊙	9.4
Total Valve	42	51	93	⊙	⊙	⊙	⊙	8.5
Entwistle III, John W.								
CABG without Valve	39	62	101	●	●	⊙	⊙	7.7
Valve without CABG	5	3	8	NR	NR	NR	NR	NR
Valve with CABG	4	6	10	NR	NR	NR	NR	NR
Total Valve	9	9	18	NR	NR	NR	NR	NR
Fall, Stephen M.								
CABG without Valve	71	78	149	⊙	⊙	⊙	○	5.3
Valve without CABG	11	8	19	NR	NR	NR	NR	NR
Valve with CABG	14	12	26	NR	NR	NR	NR	NR
Total Valve	25	20	45	⊙	⊙	⊙	⊙	5.8
Fazi, Burt								
CABG without Valve	128	72	200	⊙	⊙	⊙	⊙	5.3
Valve without CABG	9	13	22	NR	NR	NR	NR	NR
Valve with CABG	11	20	31	⊙	NR	NR	NR	NR
Total Valve	20	33	53	⊙	⊙	⊙	⊙	7.0
Feaster III, Marshall M.								
CABG without Valve	74	52	126	⊙	⊙	○	○	6.2
Valve without CABG	11	8	19	NR	NR	NR	NR	NR
Valve with CABG	13	5	18	NR	NR	NR	NR	NR
Total Valve	24	13	37	⊙	⊙	⊙	⊙	8.5
Ferdinand, Francis D.								
CABG without Valve	66	95	161	⊙	⊙	⊙	⊙	5.6
Valve without CABG	7	10	17	NR	NR	NR	NR	NR
Valve with CABG	8	20	28	NR	NR	NR	NR	NR
Total Valve	15	30	45	⊙	⊙	⊙	⊙	6.7

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	Surgeon Data 2005-2006 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Fitzgibbon, Leo D.								
CABG without Valve	88	106	194	⊙	⊙	⊙	⊙	5.7
Valve without CABG	13	14	27	NR	NR	NR	NR	NR
Valve with CABG	14	14	28	NR	NR	NR	NR	NR
Total Valve	27	28	55	⊙	⊙	⊙	⊙	7.2
Fulton, Jeffrey A.								
CABG without Valve	89	38	127	⊙	⊙	⊙	⊙	6.7
Valve without CABG	3	5	8	NR	NR	NR	NR	NR
Valve with CABG	11	15	26	NR	NR	NR	NR	NR
Total Valve	14	20	34	⊙	⊙	⊙	⊙	8.3
Furukawa, Satoshi								
CABG without Valve	45	37	82	⊙	⊙	⊙	⊙	6.2
Valve without CABG	16	15	31	⊙	NR	NR	NR	NR
Valve with CABG	12	8	20	NR	NR	NR	NR	NR
Total Valve	28	23	51	●	●	⊙	⊙	8.5
Garzia, Fernando M.								
CABG without Valve	61	65	126	⊙	⊙	⊙	⊙	3.3
Valve without CABG	22	28	50	⊙	⊙	●	●	4.1
Valve with CABG	22	28	50	⊙	⊙	⊙	⊙	4.8
Total Valve	44	56	100	⊙	⊙	⊙	⊙	4.4
Gleason, Thomas G.								
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
Goldberg, Aron T.								
CABG without Valve	40	189	229	⊙	⊙	●	⊙	5.0
Valve without CABG	1	6	7	NR	NR	NR	NR	NR
Valve with CABG	0	8	8	NR	NR	NR	NR	NR
Total Valve	1	14	15	NR	NR	NR	NR	NR
Goldman, Scott M.								
CABG without Valve	36	24	60	⊙	⊙	⊙	⊙	5.7
Valve without CABG	100	111	211	⊙	⊙	⊙	⊙	5.7
Valve with CABG	30	40	70	⊙	⊙	⊙	⊙	8.9
Total Valve	130	151	281	⊙	⊙	⊙	⊙	6.6
Grunewald, Karl E.								
CABG without Valve	101	132	233	⊙	⊙	⊙	⊙	5.8
Valve without CABG	18	21	39	⊙	⊙	⊙	⊙	7.2
Valve with CABG	11	17	28	NR	NR	NR	NR	NR
Total Valve	29	38	67	⊙	●	⊙	⊙	8.0

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Surgeon Data 2005-2006 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Guerraty, Albert J.								
CABG without Valve	67	75	142	●	⊙	⊙	●	5.4
Valve without CABG	10	14	24	NR	NR	NR	NR	NR
Valve with CABG	11	10	21	NR	NR	NR	NR	NR
Total Valve	21	24	45	⊙	●	NR	NR	6.9
Hargrove III, W. Clark								
CABG without Valve	69	56	125	⊙	⊙	⊙	⊙	6.5
Valve without CABG	135	123	258	⊙	⊙	⊙	⊙	7.5
Valve with CABG	35	47	82	⊙	NR	NR	NR	10.1
Total Valve	170	170	340	⊙	⊙	⊙	⊙	8.4
Harostock, Michael								
CABG without Valve	125	138	263	⊙	⊙	⊙	⊙	5.0
Valve without CABG	31	25	56	⊙	⊙	●	⊙	6.5
Valve with CABG	21	29	50	⊙	⊙	●	●	6.8
Total Valve	52	54	106	⊙	⊙	●	●	6.6
Hattler, Brack G.								
CABG without Valve	5	0	5	NR	NR	NR	NR	NR
Valve without CABG	1	0	1	NR	NR	NR	NR	NR
Valve with CABG	0	1	1	NR	NR	NR	NR	NR
Total Valve	1	1	2	NR	NR	NR	NR	NR
Haupt, Hans M.								
CABG without Valve	61	64	125	⊙	⊙	⊙	⊙	5.8
Valve without CABG	6	9	15	NR	NR	NR	NR	NR
Valve with CABG	7	3	10	NR	NR	NR	NR	NR
Total Valve	13	12	25	NR	NR	NR	NR	NR
Haybron, David M.								
CABG without Valve	110	113	223	○	⊙	⊙	⊙	6.0
Valve without CABG	31	37	68	⊙	⊙	⊙	⊙	6.9
Valve with CABG	29	32	61	⊙	⊙	⊙	⊙	8.2
Total Valve	60	69	129	⊙	⊙	⊙	⊙	7.4
Herlan, David B.								
CABG without Valve	6	6	12	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	93	68	161	⊙	⊙	⊙	⊙	5.1
Valve without CABG	9	12	21	NR	NR	NR	NR	NR
Valve with CABG	17	18	35	⊙	⊙	⊙	⊙	5.4
Total Valve	26	30	56	⊙	⊙	⊙	⊙	5.5

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	Surgeon Data 2005-2006 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Highbloom, Richard Y.								
CABG without Valve	47	51	98	⊙	⊙	⊙	⊙	4.9
Valve without CABG	3	9	12	NR	NR	NR	NR	NR
Valve with CABG	5	10	15	NR	NR	NR	NR	NR
Total Valve	8	19	27	NR	NR	NR	NR	NR
Holland, Fred W.								
CABG without Valve	236	161	397	⊙	⊙	⊙	⊙	4.9
Valve without CABG	39	45	84	⊙	⊙	⊙	⊙	6.1
Valve with CABG	52	52	104	⊙	⊙	⊙	⊙	6.8
Total Valve	91	97	188	⊙	⊙	⊙	⊙	6.3
Howanitz, E. Paul								
CABG without Valve	18	0	18	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
Jacoby, Douglas								
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
Kolla, Srinivas								
CABG without Valve	57	59	116	⊙	⊙	⊙	⊙	6.6
Valve without CABG	13	4	17	NR	NR	NR	NR	NR
Valve with CABG	9	13	22	NR	NR	NR	NR	NR
Total Valve	22	17	39	⊙	⊙	⊙	⊙	9.8
Kormos, Robert L.								
CABG without Valve	1	1	2	NR	NR	NR	NR	NR
Valve without CABG	4	2	6	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	4	2	6	NR	NR	NR	NR	NR
Kuretu, M.L. Ray								
CABG without Valve	76	41	117	●	●	⊙	⊙	6.9
Valve without CABG	4	4	8	NR	NR	NR	NR	NR
Valve with CABG	3	2	5	NR	NR	NR	NR	NR
Total Valve	7	6	13	NR	NR	NR	NR	NR
Landreneau, Rodney J.								
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

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

SURGEON DATA

Surgeon Data 2005-2006 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Lazar, Michael J.								
CABG without Valve	26	63	89	●	●	⊙	⊙	6.2
Valve without CABG	3	6	9	NR	NR	NR	NR	NR
Valve with CABG	2	8	10	NR	NR	NR	NR	NR
Total Valve	5	14	19	NR	NR	NR	NR	NR
LeBoutillier III, Martin								
CABG without Valve	41	51	92	⊙	●	⊙	⊙	5.6
Valve without CABG	4	11	15	NR	NR	NR	NR	NR
Valve with CABG	10	8	18	NR	NR	NR	NR	NR
Total Valve	14	19	33	●	●	NR	NR	NR
Lerberg, David								
CABG without Valve	76	14	90	⊙	⊙	⊙	⊙	6.4
Valve without CABG	10	3	13	NR	NR	NR	NR	NR
Valve with CABG	9	4	13	NR	NR	NR	NR	NR
Total Valve	19	7	26	NR	NR	NR	NR	NR
Levin, Bradley H.								
CABG without Valve	101	0	101	●	●	⊙	⊙	5.6
Valve without CABG	3	0	3	NR	NR	NR	NR	NR
Valve with CABG	6	0	6	NR	NR	NR	NR	NR
Total Valve	9	0	9	NR	NR	NR	NR	NR
Lico, Serrie C.								
CABG without Valve	112	107	219	⊙	○	⊙	⊙	4.5
Valve without CABG	13	12	25	NR	NR	NR	NR	NR
Valve with CABG	17	19	36	⊙	⊙	⊙	⊙	6.9
Total Valve	30	31	61	⊙	⊙	⊙	⊙	6.3
Lima, Claudio A. B.								
CABG without Valve	112	128	240	⊙	⊙	⊙	⊙	6.7
Valve without CABG	21	25	46	⊙	⊙	⊙	⊙	7.9
Valve with CABG	42	34	76	⊙	⊙	⊙	⊙	9.5
Total Valve	63	59	122	⊙	⊙	⊙	⊙	8.6
Lincoln, Stephen D.								
CABG without Valve	1	8	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
Lolley, David M.								
CABG without Valve	3	2	5	NR	NR	NR	NR	NR
Valve without CABG	1	0	1	NR	NR	NR	NR	NR
Valve with CABG	0	2	2	NR	NR	NR	NR	NR
Total Valve	1	2	3	NR	NR	NR	NR	NR

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SURGEON DATA

	Surgeon Data 2005-2006 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Lomago, Dean F.								
CABG without Valve	104	1	105	⊙	⊙	●	⊙	6.4
Valve without CABG	1	0	1	NR	NR	NR	NR	NR
Valve with CABG	4	0	4	NR	NR	NR	NR	NR
Total Valve	5	0	5	NR	NR	NR	NR	NR
Long, Richard W.								
CABG without Valve	34	0	34	⊙	NR	NR	NR	6.0
Valve without CABG	5	0	5	NR	NR	NR	NR	NR
Valve with CABG	1	0	1	NR	NR	NR	NR	NR
Total Valve	6	0	6	NR	NR	NR	NR	NR
Lundy, Edward F.								
CABG without Valve	78	96	174	⊙	⊙	⊙	⊙	6.0
Valve without CABG	36	39	75	⊙	⊙	⊙	⊙	7.0
Valve with CABG	29	19	48	⊙	⊙	⊙	⊙	9.0
Total Valve	65	58	123	⊙	⊙	⊙	⊙	7.8
Macha, Mahender								
CABG without Valve	38	13	51	●	●	⊙	⊙	6.7
Valve without CABG	6	3	9	NR	NR	NR	NR	NR
Valve with CABG	2	2	4	NR	NR	NR	NR	NR
Total Valve	8	5	13	NR	NR	NR	NR	NR
Machiraju, Venkata R.								
CABG without Valve	147	142	289	⊙	⊙	⊙	⊙	6.7
Valve without CABG	53	54	107	⊙	⊙	⊙	⊙	7.7
Valve with CABG	68	92	160	⊙	⊙	⊙	⊙	9.0
Total Valve	121	146	267	○	○	⊙	⊙	8.2
Magovern Jr., George J.								
CABG without Valve	39	36	75	⊙	⊙	⊙	⊙	7.8
Valve without CABG	34	47	81	⊙	⊙	⊙	⊙	9.3
Valve with CABG	16	16	32	⊙	NR	NR	NR	11.2
Total Valve	50	63	113	⊙	⊙	⊙	○	10.1
Maher, Thomas								
CABG without Valve	72	85	157	⊙	⊙	⊙	⊙	7.0
Valve without CABG	16	28	44	⊙	⊙	⊙	⊙	8.3
Valve with CABG	13	14	27	NR	NR	NR	NR	NR
Total Valve	29	42	71	⊙	⊙	⊙	⊙	8.7
Marelli, Daniel								
CABG without Valve	49	16	65	⊙	⊙	⊙	⊙	9.5
Valve without CABG	5	7	12	NR	NR	NR	NR	NR
Valve with CABG	1	2	3	NR	NR	NR	NR	NR
Total Valve	6	9	15	NR	NR	NR	NR	NR

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SURGEON DATA

Surgeon Data 2005-2006 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Marra, Steven								
CABG without Valve	33	14	47	⊙	⊙	⊙	⊙	7.1
Valve without CABG	2	1	3	NR	NR	NR	NR	NR
Valve with CABG	2	3	5	NR	NR	NR	NR	NR
Total Valve	4	4	8	NR	NR	NR	NR	NR
Marrone, Gary C.								
CABG without Valve	70	0	70	⊙	⊙	⊙	⊙	7.8
Valve without CABG	11	1	12	NR	NR	NR	NR	NR
Valve with CABG	14	0	14	NR	NR	NR	NR	NR
Total Valve	25	1	26	NR	NR	NR	NR	NR
Martella, Arthur T.								
CABG without Valve	108	73	181	●	●	⊙	⊙	6.3
Valve without CABG	16	3	19	NR	NR	NR	NR	NR
Valve with CABG	21	9	30	⊙	⊙	NR	NR	NR
Total Valve	37	12	49	⊙	⊙	⊙	⊙	8.3
Masroor, Saqib								
CABG without Valve	8	5	13	NR	NR	NR	NR	NR
Valve without CABG	2	0	2	NR	NR	NR	NR	NR
Valve with CABG	3	0	3	NR	NR	NR	NR	NR
Total Valve	5	0	5	NR	NR	NR	NR	NR
Mathai, John								
CABG without Valve	54	0	54	⊙	⊙	⊙	⊙	6.0
Valve without CABG	2	0	2	NR	NR	NR	NR	NR
Valve with CABG	1	0	1	NR	NR	NR	NR	NR
Total Valve	3	0	3	NR	NR	NR	NR	NR
Mavridis, Savas								
CABG without Valve	135	76	211	⊙	⊙	⊙	⊙	4.9
Valve without CABG	23	14	37	●	●	⊙	⊙	5.2
Valve with CABG	30	25	55	⊙	⊙	⊙	⊙	7.5
Total Valve	53	39	92	⊙	⊙	⊙	⊙	6.4
McCarty, Christine M.								
CABG without Valve	97	162	259	⊙	⊙	⊙	⊙	5.5
Valve without CABG	25	20	45	⊙	⊙	⊙	⊙	6.4
Valve with CABG	23	16	39	⊙	⊙	⊙	⊙	8.8
Total Valve	48	36	84	⊙	⊙	⊙	⊙	7.4
McClain, Joseph M.								
CABG without Valve	14	0	14	NR	NR	NR	NR	NR
Valve without CABG	1	0	1	NR	NR	NR	NR	NR
Valve with CABG	2	0	2	NR	NR	NR	NR	NR
Total Valve	3	0	3	NR	NR	NR	NR	NR

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SURGEON DATA

	Surgeon Data 2005-2006 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
McClurken, James B.								
CABG without Valve	60	26	86	⊙	⊙	⊙	⊙	6.7
Valve without CABG	15	15	30	⊙	NR	NR	NR	NR
Valve with CABG	5	11	16	NR	NR	NR	NR	NR
Total Valve	20	26	46	⊙	⊙	⊙	⊙	10.2
McCurry, Kenneth R.								
CABG without Valve	32	32	64	⊙	⊙	⊙	⊙	7.0
Valve without CABG	6	6	12	NR	NR	NR	NR	NR
Valve with CABG	6	6	12	NR	NR	NR	NR	NR
Total Valve	12	12	24	NR	NR	NR	NR	NR
McDonnell, Bryan E.								
CABG without Valve	107	62	169	⊙	⊙	⊙	⊙	5.0
Valve without CABG	8	4	12	NR	NR	NR	NR	NR
Valve with CABG	10	16	26	NR	NR	NR	NR	NR
Total Valve	18	20	38	⊙	⊙	⊙	⊙	5.8
McGary, Suzan A.								
CABG without Valve	88	85	173	⊙	●	⊙	⊙	5.2
Valve without CABG	9	15	24	NR	NR	NR	NR	NR
Valve with CABG	17	15	32	⊙	⊙	⊙	⊙	7.6
Total Valve	26	30	56	⊙	⊙	⊙	⊙	6.9
Mehta, Sanjay M.								
CABG without Valve	46	34	80	⊙	⊙	⊙	⊙	5.6
Valve without CABG	12	11	23	NR	NR	NR	NR	NR
Valve with CABG	11	18	29	NR	NR	NR	NR	NR
Total Valve	23	29	52	●	●	⊙	⊙	7.2
Metcalf, Randy K.								
CABG without Valve	183	134	317	⊙	⊙	⊙	●	6.4
Valve without CABG	28	9	37	⊙	⊙	⊙	⊙	5.9
Valve with CABG	48	21	69	⊙	⊙	●	●	8.9
Total Valve	76	30	106	⊙	⊙	⊙	⊙	7.4
Michalak, Dennis 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	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	0	0	NR	NR	NR	NR	NR
Midgley, Frank M.								
CABG without Valve	0	0	0	NR	NR	NR	NR	NR
Valve without CABG	0	1	1	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	1	1	NR	NR	NR	NR	NR

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SURGEON DATA

Surgeon Data 2005-2006 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Morris, Rohinton J.								
CABG without Valve	158	122	280	⊙	⊙	⊙	⊙	6.7
Valve without CABG	24	49	73	⊙	⊙	⊙	⊙	7.4
Valve with CABG	43	38	81	●	⊙	⊙	⊙	8.9
Total Valve	67	87	154	●	⊙	⊙	⊙	8.0
Mott, Brian D.								
CABG without Valve	89	75	164	⊙	⊙	⊙	⊙	5.1
Valve without CABG	10	12	22	NR	NR	NR	NR	NR
Valve with CABG	16	10	26	NR	NR	NR	NR	NR
Total Valve	26	22	48	⊙	⊙	⊙	⊙	7.0
Mumtaz, Mubashir								
CABG without Valve	96	107	203	⊙	⊙	⊙	⊙	5.1
Valve without CABG	24	52	76	⊙	⊙	⊙	⊙	6.3
Valve with CABG	18	51	69	⊙	⊙	⊙	⊙	7.1
Total Valve	42	103	145	⊙	⊙	⊙	⊙	6.7
Myers, John L.								
CABG without Valve	0	0	0	NR	NR	NR	NR	NR
Valve without CABG	4	7	11	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	4	7	11	NR	NR	NR	NR	NR
Navid, Forozan								
CABG without Valve	95	98	193	⊙	⊙	⊙	⊙	6.8
Valve without CABG	20	20	40	⊙	⊙	⊙	⊙	7.7
Valve with CABG	36	23	59	⊙	⊙	⊙	⊙	10.0
Total Valve	56	43	99	⊙	⊙	⊙	⊙	8.8
Nixon, Todd E.								
CABG without Valve	90	92	182	⊙	⊙	⊙	⊙	5.0
Valve without CABG	15	21	36	⊙	⊙	NR	NR	7.1
Valve with CABG	21	27	48	⊙	⊙	⊙	⊙	8.2
Total Valve	36	48	84	⊙	⊙	⊙	●	7.5
Nutting, Ron D.								
CABG without Valve	79	69	148	⊙	⊙	○	○	5.3
Valve without CABG	12	13	25	NR	NR	NR	NR	NR
Valve with CABG	24	4	28	NR	NR	NR	NR	NR
Total Valve	36	17	53	⊙	⊙	⊙	○	6.8
Olivas, Terry P.								
CABG without Valve	1	2	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

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SURGEON DATA

Surgeon Data 2005-2006 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Osevala, Mark A.								
CABG without Valve	133	186	319	⊙	⊙	⊙	⊙	5.2
Valve without CABG	19	12	31	●	●	NR	NR	NR
Valve with CABG	13	15	28	NR	NR	NR	NR	NR
Total Valve	32	27	59	⊙	⊙	⊙	⊙	7.6
Osman, Ashraf								
CABG without Valve	0	10	10	NR	NR	NR	NR	NR
Valve without CABG	0	2	2	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	2	2	NR	NR	NR	NR	NR
Ovadia, Philip								
CABG without Valve	10	18	28	NR	NR	NR	NR	NR
Valve without CABG	1	1	2	NR	NR	NR	NR	NR
Valve with CABG	1	1	2	NR	NR	NR	NR	NR
Total Valve	2	2	4	NR	NR	NR	NR	NR
Pae, Walter E.								
CABG without Valve	19	15	34	⊙	⊙	⊙	⊙	5.1
Valve without CABG	48	38	86	⊙	⊙	⊙	⊙	6.8
Valve with CABG	25	23	48	⊙	⊙	⊙	⊙	7.6
Total Valve	73	61	134	⊙	⊙	⊙	⊙	7.2
Panebianco, Antonio C.								
CABG without Valve	42	29	71	⊙	⊙	⊙	⊙	6.2
Valve without CABG	12	10	22	NR	NR	NR	NR	NR
Valve with CABG	17	9	26	NR	NR	NR	NR	NR
Total Valve	29	19	48	⊙	NR	NR	NR	8.0
Park, Chong S.								
CABG without Valve	38	46	84	⊙	⊙	⊙	⊙	6.6
Valve without CABG	7	2	9	NR	NR	NR	NR	NR
Valve with CABG	11	10	21	NR	NR	NR	NR	NR
Total Valve	18	12	30	⊙	NR	NR	NR	NR
Park, Kyung S.								
CABG without Valve	51	64	115	⊙	⊙	⊙	⊙	5.8
Valve without CABG	1	9	10	NR	NR	NR	NR	NR
Valve with CABG	10	27	37	⊙	⊙	⊙	⊙	8.2
Total Valve	11	36	47	⊙	⊙	⊙	⊙	7.2
Park, Sang B.								
CABG without Valve	34	38	72	⊙	⊙	⊙	⊙	6.4
Valve without CABG	15	18	33	⊙	⊙	⊙	⊙	7.4
Valve with CABG	25	24	49	⊙	⊙	⊙	⊙	8.4
Total Valve	40	42	82	○	⊙	⊙	⊙	7.8

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SURGEON DATA

Surgeon Data 2005-2006 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Park, Sung J.								
CABG without Valve	98	125	223	⊙	⊙	⊙	⊙	5.2
Valve without CABG	3	6	9	NR	NR	NR	NR	NR
Valve with CABG	7	10	17	NR	NR	NR	NR	NR
Total Valve	10	16	26	NR	NR	NR	NR	NR
Patel, Amit								
CABG without Valve	10	37	47	⊙	⊙	●	●	6.0
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	1	5	6	NR	NR	NR	NR	NR
Total Valve	1	5	6	NR	NR	NR	NR	NR
Payne, Maryann								
CABG without Valve	82	45	127	⊙	⊙	⊙	⊙	6.2
Valve without CABG	4	1	5	NR	NR	NR	NR	NR
Valve with CABG	2	0	2	NR	NR	NR	NR	NR
Total Valve	6	1	7	NR	NR	NR	NR	NR
Pellegrini, Daniel P.								
CABG without Valve	86	79	165	⊙	⊙	⊙	⊙	6.4
Valve without CABG	30	30	60	⊙	⊙	⊙	⊙	7.3
Valve with CABG	22	24	46	⊙	⊙	⊙	⊙	8.1
Total Valve	52	54	106	⊙	⊙	⊙	⊙	7.7
Pellegrini, Ronald V.								
CABG without Valve	138	162	300	⊙	⊙	⊙	⊙	6.5
Valve without CABG	68	76	144	⊙	⊙	⊙	⊙	7.8
Valve with CABG	56	62	118	⊙	⊙	⊙	⊙	8.3
Total Valve	124	138	262	⊙	⊙	⊙	⊙	8.0
Pennock, John L.								
CABG without Valve	102	121	223	⊙	⊙	⊙	⊙	5.9
Valve without CABG	19	19	38	⊙	⊙	⊙	⊙	7.0
Valve with CABG	24	21	45	⊙	●	⊙	⊙	8.0
Total Valve	43	40	83	⊙	⊙	⊙	⊙	7.4
Pett, Stephen D.								
CABG without Valve	31	35	66	⊙	⊙	⊙	⊙	6.8
Valve without CABG	49	29	78	⊙	⊙	⊙	○	6.8
Valve with CABG	29	19	48	⊙	NR	NR	NR	9.7
Total Valve	78	48	126	⊙	⊙	⊙	⊙	7.9
Phillips, Theodore G.								
CABG without Valve	167	162	329	⊙	⊙	⊙	⊙	4.8
Valve without CABG	11	7	18	NR	NR	NR	NR	NR
Valve with CABG	21	9	30	⊙	NR	NR	NR	NR
Total Valve	32	16	48	⊙	⊙	⊙	⊙	5.8

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

SURGEON DATA

	Surgeon Data 2005-2006 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Pierce, Alice M.								
CABG without Valve	81	91	172	⊙	⊙	⊙	⊙	6.8
Valve without CABG	3	1	4	NR	NR	NR	NR	NR
Valve with CABG	15	14	29	NR	NR	NR	NR	NR
Total Valve	18	15	33	⊙	⊙	NR	NR	NR
Piluiko, Vitaly V.								
CABG without Valve	9	3	12	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
Pochettino, Alberto								
CABG without Valve	29	20	49	⊙	NR	NR	NR	7.4
Valve without CABG	30	17	47	⊙	NR	NR	NR	8.2
Valve with CABG	17	14	31	⊙	NR	NR	NR	NR
Total Valve	47	31	78	⊙	⊙	⊙	⊙	8.6
Pourmoghadam, Kamal K.								
CABG without Valve	0	0	0	NR	NR	NR	NR	NR
Valve without CABG	0	1	1	NR	NR	NR	NR	NR
Valve with CABG	0	1	1	NR	NR	NR	NR	NR
Total Valve	0	2	2	NR	NR	NR	NR	NR
Priest, Brian P.								
CABG without Valve	127	37	164	⊙	⊙	⊙	⊙	6.1
Valve without CABG	18	21	39	⊙	⊙	⊙	⊙	6.7
Valve with CABG	29	15	44	⊙	⊙	⊙	⊙	7.9
Total Valve	47	36	83	⊙	⊙	⊙	⊙	7.2
Pym, John								
CABG without Valve	22	22	44	⊙	⊙	⊙	●	6.2
Valve without CABG	2	1	3	NR	NR	NR	NR	NR
Valve with CABG	3	1	4	NR	NR	NR	NR	NR
Total Valve	5	2	7	NR	NR	NR	NR	NR
Quigley, Robert L.								
CABG without Valve	66	83	149	⊙	⊙	●	●	6.3
Valve without CABG	7	11	18	NR	NR	NR	NR	NR
Valve with CABG	2	6	8	NR	NR	NR	NR	NR
Total Valve	9	17	26	NR	NR	NR	NR	NR
Raudat, Charles W.								
CABG without Valve	47	0	47	⊙	⊙	⊙	⊙	5.2
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	2	0	2	NR	NR	NR	NR	NR
Total Valve	2	0	2	NR	NR	NR	NR	NR

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SURGEON DATA

Surgeon Data 2005-2006 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Reitknecht, Felice L.								
CABG without Valve	99	82	181	⊙	⊙	⊙	⊙	5.1
Valve without CABG	22	29	51	⊙	⊙	⊙	⊙	5.5
Valve with CABG	15	18	33	⊙	NR	NR	NR	7.8
Total Valve	37	47	84	⊙	⊙	⊙	⊙	6.4
Risher, William H.								
CABG without Valve	118	108	226	⊙	⊙	○	○	6.9
Valve without CABG	29	32	61	⊙	⊙	⊙	⊙	7.5
Valve with CABG	42	30	72	⊙	⊙	⊙	⊙	11.2
Total Valve	71	62	133	⊙	⊙	⊙	⊙	9.1
Sadr, Farrokh S.								
CABG without Valve	40	28	68	⊙	⊙	⊙	⊙	5.1
Valve without CABG	7	7	14	NR	NR	NR	NR	NR
Valve with CABG	9	4	13	NR	NR	NR	NR	NR
Total Valve	16	11	27	NR	NR	NR	NR	NR
Samuels, Louis E.								
CABG without Valve	83	53	136	⊙	⊙	⊙	⊙	5.2
Valve without CABG	15	5	20	NR	NR	NR	NR	NR
Valve with CABG	5	12	17	NR	NR	NR	NR	NR
Total Valve	20	17	37	⊙	⊙	⊙	⊙	7.8
Sanders, David								
CABG without Valve	79	0	79	⊙	⊙	⊙	⊙	5.1
Valve without CABG	7	0	7	NR	NR	NR	NR	NR
Valve with CABG	15	0	15	NR	NR	NR	NR	NR
Total Valve	22	0	22	NR	NR	NR	NR	NR
Scott, William C.								
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
Seibel, P. Scott								
CABG without Valve	76	55	131	⊙	⊙	⊙	⊙	5.9
Valve without CABG	25	8	33	⊙	⊙	⊙	⊙	7.2
Valve with CABG	5	11	16	NR	NR	NR	NR	NR
Total Valve	30	19	49	⊙	⊙	⊙	⊙	7.6
Shariff, Haji M.								
CABG without Valve	63	76	139	⊙	⊙	⊙	⊙	5.2
Valve without CABG	5	6	11	NR	NR	NR	NR	NR
Valve with CABG	18	13	31	⊙	NR	NR	NR	NR
Total Valve	23	19	42	⊙	⊙	⊙	⊙	7.3

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SURGEON DATA

Surgeon Data 2005-2006 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Shears II, Larry								
CABG without Valve	316	305	621	⊙	⊙	⊙	○	5.8
Valve without CABG	40	72	112	⊙	⊙	⊙	○	7.2
Valve with CABG	46	65	111	⊙	⊙	⊙	○	8.2
Total Valve	86	137	223	⊙	⊙	⊙	○	7.6
Silvestry, Scott C.								
CABG without Valve	60	45	105	⊙	⊙	⊙	⊙	7.2
Valve without CABG	10	8	18	NR	NR	NR	NR	NR
Valve with CABG	7	5	12	NR	NR	NR	NR	NR
Total Valve	17	13	30	⊙	NR	NR	NR	NR
Simonetti, Vince								
CABG without Valve	0	32	32	⊙	NR	NR	NR	7.2
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	0	16	16	NR	NR	NR	NR	NR
Valve without CABG	0	2	2	NR	NR	NR	NR	NR
Valve with CABG	0	6	6	NR	NR	NR	NR	NR
Total Valve	0	8	8	NR	NR	NR	NR	NR
Singer, Raymond L.								
CABG without Valve	50	48	98	⊙	⊙	⊙	⊙	5.0
Valve without CABG	47	46	93	⊙	⊙	⊙	⊙	5.6
Valve with CABG	18	27	45	⊙	⊙	⊙	⊙	6.3
Total Valve	65	73	138	⊙	⊙	⊙	⊙	6.0
Singh, Deepak								
CABG without Valve	37	40	77	⊙	⊙	○	⊙	5.5
Valve without CABG	6	5	11	NR	NR	NR	NR	NR
Valve with CABG	6	7	13	NR	NR	NR	NR	NR
Total Valve	12	12	24	NR	NR	NR	NR	NR
Singhal, Arun K.								
CABG without Valve	4	0	4	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
Sortino, Antonio								
CABG without Valve	58	99	157	⊙	⊙	⊙	⊙	5.5
Valve without CABG	33	41	74	⊙	⊙	●	●	7.6
Valve with CABG	41	33	74	⊙	⊙	⊙	⊙	10.4
Total Valve	74	74	148	⊙	⊙	●	●	8.9

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SURGEON DATA

	Surgeon Data 2005-2006 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Speziali, Giovanni								
CABG without Valve	0	9	9	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	0	0	NR	NR	NR	NR	NR
Stahl, Russell								
CABG without Valve	97	95	192	⊙	⊙	⊙	⊙	6.0
Valve without CABG	19	17	36	⊙	⊙	⊙	⊙	6.4
Valve with CABG	23	17	40	⊙	⊙	⊙	⊙	8.3
Total Valve	42	34	76	⊙	⊙	⊙	⊙	7.2
Stella, Joseph								
CABG without Valve	119	79	198	⊙	⊙	⊙	⊙	4.9
Valve without CABG	11	10	21	NR	NR	NR	NR	NR
Valve with CABG	22	13	35	⊙	⊙	⊙	⊙	6.3
Total Valve	33	23	56	⊙	⊙	⊙	⊙	5.7
Stephenson, Edward R.								
CABG without Valve	80	63	143	⊙	⊙	⊙	⊙	5.7
Valve without CABG	11	7	18	NR	NR	NR	NR	NR
Valve with CABG	11	9	20	NR	NR	NR	NR	NR
Total Valve	22	16	38	⊙	⊙	⊙	⊙	7.9
Stivala, Charles								
CABG without Valve	11	27	38	⊙	⊙	⊙	⊙	5.9
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
Strong III, Michael D.								
CABG without Valve	87	104	191	●	●	⊙	⊙	8.3
Valve without CABG	18	13	31	●	NR	NR	NR	NR
Valve with CABG	19	20	39	⊙	NR	NR	NR	12.7
Total Valve	37	33	70	●	⊙	⊙	⊙	10.9
Strzalka, Christopher T.								
CABG without Valve	125	147	272	⊙	⊙	⊙	⊙	5.0
Valve without CABG	1	6	7	NR	NR	NR	NR	NR
Valve with CABG	3	9	12	NR	NR	NR	NR	NR
Total Valve	4	15	19	NR	NR	NR	NR	NR
Sullivan, Lawrence X.								
CABG without Valve	80	91	171	⊙	⊙	⊙	⊙	6.4
Valve without CABG	9	10	19	NR	NR	NR	NR	NR
Valve with CABG	18	16	34	⊙	⊙	NR	NR	NR
Total Valve	27	26	53	⊙	⊙	⊙	⊙	8.9

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SURGEON DATA

	Surgeon Data 2005-2006 (Two Years Combined)							
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Sutter, Francis P.								
CABG without Valve	127	167	294	○	○	⊙	⊙	5.3
Valve without CABG	9	11	20	NR	NR	NR	NR	NR
Valve with CABG	14	21	35	○	○	⊙	⊙	8.7
Total Valve	23	32	55	○	○	⊙	⊙	7.8
Suzuki, Mark Masaru								
CABG without Valve	167	191	358	⊙	⊙	⊙	⊙	5.4
Valve without CABG	30	22	52	⊙	⊙	⊙	⊙	6.0
Valve with CABG	40	40	80	⊙	⊙	⊙	⊙	7.8
Total Valve	70	62	132	⊙	⊙	⊙	⊙	6.8
Szeto, Wilson Y.								
CABG without Valve	0	24	24	NR	NR	NR	NR	NR
Valve without CABG	0	9	9	NR	NR	NR	NR	NR
Valve with CABG	0	7	7	NR	NR	NR	NR	NR
Total Valve	0	16	16	NR	NR	NR	NR	NR
Szwerc, Michael F.								
CABG without Valve	27	39	66	⊙	⊙	●	⊙	4.5
Valve without CABG	1	2	3	NR	NR	NR	NR	NR
Valve with CABG	3	5	8	NR	NR	NR	NR	NR
Total Valve	4	7	11	NR	NR	NR	NR	NR
Szydlowski, Gary W.								
CABG without Valve	102	96	198	⊙	⊙	⊙	⊙	4.7
Valve without CABG	30	19	49	⊙	⊙	⊙	⊙	5.4
Valve with CABG	16	23	39	⊙	⊙	⊙	⊙	6.9
Total Valve	46	42	88	⊙	⊙	⊙	⊙	6.1
Takara, James								
CABG without Valve	0	29	29	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
Taylor, Bradley S.								
CABG without Valve	115	23	138	⊙	⊙	⊙	●	6.4
Valve without CABG	8	4	12	NR	NR	NR	NR	NR
Valve with CABG	23	7	30	⊙	NR	NR	NR	NR
Total Valve	31	11	42	⊙	⊙	⊙	○	9.2
Thakur, Navin S.								
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

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SURGEON DATA

Surgeon Data 2005-2006 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Theman, Terrill								
CABG without Valve	112	74	186	⊙	⊙	⊙	⊙	6.0
Valve without CABG	19	20	39	⊙	⊙	⊙	⊙	8.3
Valve with CABG	21	11	32	⊙	⊙	NR	NR	NR
Total Valve	40	31	71	⊙	⊙	⊙	⊙	8.5
Tobin, Hugh M.								
CABG without Valve	0	2	2	NR	NR	NR	NR	NR
Valve without CABG	0	0	0	NR	NR	NR	NR	NR
Valve with CABG	0	0	0	NR	NR	NR	NR	NR
Total Valve	0	0	0	NR	NR	NR	NR	NR
Toyoda, Yoshiya								
CABG without Valve	0	5	5	NR	NR	NR	NR	NR
Valve without CABG	0	2	2	NR	NR	NR	NR	NR
Valve with CABG	0	1	1	NR	NR	NR	NR	NR
Total Valve	0	3	3	NR	NR	NR	NR	NR
Vasilakis, Alexander								
CABG without Valve	131	104	235	⊙	⊙	⊙	⊙	5.8
Valve without CABG	18	22	40	⊙	⊙	⊙	⊙	7.2
Valve with CABG	21	21	42	⊙	⊙	⊙	⊙	7.9
Total Valve	39	43	82	⊙	⊙	⊙	⊙	7.5
Vasseur, Bernard G.								
CABG without Valve	12	38	50	⊙	⊙	⊙	⊙	5.8
Valve without CABG	5	9	14	NR	NR	NR	NR	NR
Valve with CABG	2	13	15	NR	NR	NR	NR	NR
Total Valve	7	22	29	NR	NR	NR	NR	NR
Von Koch, Lear								
CABG without Valve	98	98	196	⊙	⊙	⊙	⊙	6.1
Valve without CABG	43	33	76	⊙	⊙	⊙	⊙	6.5
Valve with CABG	32	27	59	○	○	⊙	⊙	7.3
Total Valve	75	60	135	○	○	⊙	⊙	6.9
Watson, John W.								
CABG without Valve	72	2	74	⊙	⊙	⊙	●	5.9
Valve without CABG	4	1	5	NR	NR	NR	NR	NR
Valve with CABG	13	0	13	NR	NR	NR	NR	NR
Total Valve	17	1	18	NR	NR	NR	NR	NR
Wechsler, Andrew S.								
CABG without Valve	17	11	28	NR	NR	NR	NR	NR
Valve without CABG	16	9	25	NR	NR	NR	NR	NR
Valve with CABG	9	10	19	NR	NR	NR	NR	NR
Total Valve	25	19	44	⊙	NR	NR	NR	10.8

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Surgeon Data 2005-2006 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Wei, Lawrence M.								
CABG without Valve	117	134	251	⊙	⊙	⊙	⊙	6.3
Valve without CABG	18	35	53	⊙	⊙	⊙	⊙	7.9
Valve with CABG	27	38	65	⊙	⊙	⊙	⊙	11.1
Total Valve	45	73	118	⊙	⊙	⊙	⊙	9.4
Weiss, Steven J.								
CABG without Valve	35	0	35	⊙	⊙	⊙	⊙	7.4
Valve without CABG	1	0	1	NR	NR	NR	NR	NR
Valve with CABG	6	0	6	NR	NR	NR	NR	NR
Total Valve	7	0	7	NR	NR	NR	NR	NR
Wilcox, Kenneth								
CABG without Valve	78	46	124	⊙	⊙	⊙	⊙	6.0
Valve without CABG	5	10	15	NR	NR	NR	NR	NR
Valve with CABG	16	13	29	NR	NR	NR	NR	NR
Total Valve	21	23	44	⊙	⊙	⊙	⊙	7.4
Woelfel, G. Frederick								
CABG without Valve	183	163	346	⊙	⊙	○	⊙	5.2
Valve without CABG	21	35	56	⊙	⊙	⊙	⊙	7.5
Valve with CABG	31	28	59	⊙	⊙	⊙	⊙	7.1
Total Valve	52	63	115	⊙	⊙	⊙	⊙	7.3
Woo, Y. Joseph								
CABG without Valve	80	64	144	⊙	⊙	⊙	⊙	6.2
Valve without CABG	47	47	94	⊙	⊙	⊙	⊙	6.9
Valve with CABG	22	35	57	⊙	⊙	⊙	⊙	9.8
Total Valve	69	82	151	⊙	⊙	⊙	⊙	8.0
Woods, Edward L.								
CABG without Valve	53	29	82	⊙	⊙	⊙	⊙	6.5
Valve without CABG	51	70	121	⊙	⊙	⊙	⊙	9.2
Valve with CABG	22	24	46	⊙	⊙	⊙	⊙	11.4
Total Valve	73	94	167	⊙	⊙	⊙	⊙	10.1
Woody, Daniel J.								
CABG without Valve	2	1	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
Woolley, Daniel S.								
CABG without Valve	45	63	108	⊙	⊙	⊙	⊙	6.0
Valve without CABG	7	17	24	NR	NR	NR	NR	NR
Valve with CABG	9	7	16	NR	NR	NR	NR	NR
Total Valve	16	24	40	⊙	⊙	⊙	⊙	6.6

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SURGEON DATA

Surgeon Data 2005-2006 (Two Years Combined)								
	Number of Cases			Mortality		Readmissions		Post-Surgical Length of Stay
	2005	2006	Total	In-Hospital	30-Day	7-Day	30-Day	
Wu, James								
CABG without Valve	115	97	212	⊙	⊙	⊙	⊙	4.4
Valve without CABG	21	17	38	⊙	⊙	⊙	●	4.9
Valve with CABG	20	30	50	⊙	⊙	⊙	⊙	5.5
Total Valve	41	47	88	⊙	⊙	⊙	⊙	5.1
Zadeh, Barry J.								
CABG without Valve	59	11	70	⊙	⊙	⊙	⊙	6.5
Valve without CABG	18	5	23	NR	NR	NR	NR	NR
Valve with CABG	25	4	29	NR	NR	NR	NR	NR
Total Valve	43	9	52	●	●	⊙	⊙	8.0
Zama, Nche								
CABG without Valve	99	102	201	⊙	⊙	⊙	⊙	5.5
Valve without CABG	14	33	47	●	NR	NR	NR	6.5
Valve with CABG	19	21	40	⊙	NR	NR	NR	7.5
Total Valve	33	54	87	●	●	⊙	⊙	6.9
Zehr, Kenton								
CABG without Valve	0	34	34	⊙	⊙	⊙	⊙	6.1
Valve without CABG	0	20	20	NR	NR	NR	NR	NR
Valve with CABG	0	14	14	NR	NR	NR	NR	NR
Total Valve	0	34	34	⊙	⊙	⊙	⊙	11.2
Zenati, Marco								
CABG without Valve	8	7	15	NR	NR	NR	NR	NR
Valve without CABG	1	2	3	NR	NR	NR	NR	NR
Valve with CABG	2	2	4	NR	NR	NR	NR	NR
Total Valve	3	4	7	NR	NR	NR	NR	NR

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

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