

**NEOH All Adult Cardiac Surgery Outcomes - Main Campus, Fairview and Hillcrest**

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Mean HLOS Days	Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality	Readmission 30Day	Readmission %
Isolated CABG	1,014	13	1.3%	31	3.1%	45	4.4%	5	0.5%	9	0.9%	1	0.1%	10.6	9.0	7	0.7%	1.3%	43	4.2%
Isolated AVR	353	7	2.0%	8	2.3%	11	3.1%	0	0.0%	3	0.8%	0	0.0%	8.4	6.0	0	0.0%	1.3%	3	0.8%
AVR + CABG	169	6	3.6%	9	5.3%	7	4.1%	1	0.6%	1	0.6%	0	0.0%	9.7	7.0	2	1.2%	2.8%	2	1.2%
Isolated MVR	153	3	2.0%	19	12.4%	25	16.3%	4	2.6%	1	0.7%	0	0.0%	14.8	11.0	2	1.3%	4.0%	0	0.0%
MVR + CABG	40	1	2.5%	4	10.0%	7	17.5%	0	0.0%	2	5.0%	0	0.0%	17.8	16.0	0	0.0%	8.0%	0	0.0%
Isolated MV Repair	545	10	1.8%	21	3.9%	18	3.3%	1	0.2%	1	0.2%	0	0.0%	7.1	5.0	0	0.0%	0.7%	2	0.4%
MV Repair + CABG	134	3	2.2%	7	5.2%	14	10.4%	2	1.5%	3	2.2%	0	0.0%	13.0	10.0	2	1.5%	3.6%	3	2.2%
AVR + MVR	65	4	6.2%	8	12.3%	11	16.9%	2	3.1%	0	0.0%	0	0.0%	16.6	14.0	0	0.0%	1	1.5%	
	2473	47	1.9%	107	4.3%	138	5.6%	15	0.6%	20	0.8%	1	0.0%	10.1	7.0	13	0.5%	54	2.2%	
<b>Non-STS Categories</b>																				
Heart Transplant +/- VAD	41	1	2.4%	7	17.1%	16	39.0%	3	7.3%	0	0.0%	0	0.0%	42.7	34.0	0	0.0%	1	2.4%	
*VAD +/- Other (NoTransplant)	108	16	14.8%	36	33.3%	45	41.7%	8	7.4%	8	7.4%	0	0.0%	40.5	33.0	8	7.4%	7	6.5%	
Aorta Surgery	1105	38	3.4%	92	8.3%	150	13.6%	29	2.6%	35	3.2%	1	0.1%	11.7	8.0	30	2.7%	4	0.4%	
Valve Other	454	11	2.4%	34	7.5%	54	11.9%	10	2.2%	5	1.1%	0	0.0%	14.1	9.0	3	0.7%	6	1.3%	
CABG + Other w/o Valves	55	2	3.6%	3	5.5%	7	12.7%	1	1.8%	1	1.8%	0	0.0%	18.0	12.0	2	3.6%	0	0.0%	
Septal Myectomy	192	1	0.5%	3	1.6%	5	2.6%	1	0.5%	4	2.1%	0	0.0%	7.0	6.0	1	0.5%	0	0.0%	
TAVR	686	0	0.0%	3	0.4%	3	0.4%	2	0.3%	3	0.4%	0	0.0%	2.4	1.0	0	0.0%	2	0.3%	
All Other Procedures (In STS)	180	5	2.8%	12	6.7%	25	13.9%	6	3.3%	4	2.2%	0	0.0%	12.5	8.0	6	3.3%	0	0.0%	
<b>Subtotal</b>	2,821	74	2.6%	190	6.7%	305	10.8%	60	2.1%	60	2.1%	1	0.0%	11.4	7.0	50	1.8%	20	0.7%	
<b>Adult Cardiac STS Total</b>	<b>5,294</b>	<b>121</b>	<b>2.3%</b>	<b>297</b>	<b>5.6%</b>	<b>443</b>	<b>8.4%</b>	<b>75</b>	<b>1.4%</b>	<b>80</b>	<b>1.5%</b>	<b>2</b>	<b>0.0%</b>	<b>10.8</b>	<b>7.0</b>	<b>63</b>	<b>1.2%</b>	<b>74</b>	<b>1.4%</b>	

Data is subject to correction

\*30-Day Readmissions reflect readmissions that occurred during the previous month

Report data selected using discharge date

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED

\*Includes only durable VADs

**NEOH Primary Adult Cardiac Surgery Outcomes - Main Campus, Fairview and Hillcrest**

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Mean HLOS Days	Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality	Readmission 30Day	Readmission %
Isolated CABG	968	13	1.3%	31	3.2%	42	4.3%	5	0.5%	8	0.8%	1	0.1%	10.6	9.0	6	0.6%	1.3%	42	4.3%
Isolated AVR	277	5	1.8%	6	2.2%	7	2.5%	0	0.0%	2	0.7%	0	0.0%	8.4	6.0	0	0.0%	1.2%	3	1.1%
AVR + CABG	159	5	3.1%	7	4.4%	7	4.4%	1	0.6%	1	0.6%	0	0.0%	9.4	7.0	2	1.3%	2.6%	2	1.3%
Isolated MVR	64	1	1.6%	9	14.1%	9	14.1%	2	3.1%	1	1.6%	0	0.0%	14.2	11.0	1	1.6%	3.9%	0	0.0%
MVR + CABG	32	1	3.1%	4	12.5%	6	18.8%	0	0.0%	1	3.1%	0	0.0%	18.5	16.0	0	0.0%	8.0%	0	0.0%
Isolated MV Repair	502	10	2.0%	20	4.0%	17	3.4%	0	0.0%	1	0.2%	0	0.0%	6.8	5.0	0	0.0%	0.5%	2	0.4%
MV Repair + CABG	124	3	2.4%	6	4.8%	12	9.7%	1	0.8%	3	2.4%	0	0.0%	12.9	10.0	2	1.6%	3.4%	3	2.4%
AVR + MVR	38	3	7.9%	4	10.5%	3	7.9%	2	5.3%	0	0.0%	0	0.0%	14.7	14.0	0	0.0%	0	0	0.0%
<b>Subtotal</b>	<b>2,164</b>	<b>41</b>	<b>1.9%</b>	<b>87</b>	<b>4.0%</b>	<b>103</b>	<b>4.8%</b>	<b>11</b>	<b>0.5%</b>	<b>17</b>	<b>0.8%</b>	<b>1</b>	<b>0.0%</b>	<b>9.8</b>	<b>7.0</b>	<b>11</b>	<b>0.5%</b>	<b>52</b>	<b>2.4%</b>	
<b>Non-STS Categories</b>																				
Heart Transplant +/-VAD	24	1	4.2%	3	12.5%	9	37.5%	2	8.3%	0	0.0%	0	0.0%	44.3	37.5	0	0.0%		0	0.0%
*VAD +/- Other (No Transplant)	62	8	12.9%	18	29.0%	22	35.5%	3	4.8%	4	6.5%	0	0.0%	41.6	34.0	5	8.1%		4	6.5%
Aorta Surgery	728	21	2.9%	52	7.1%	76	10.4%	13	1.8%	26	3.6%	0	0.0%	9.9	8.0	16	2.2%		3	0.4%
Valve Other	286	3	1.0%	15	5.2%	26	9.1%	4	1.4%	3	1.0%	0	0.0%	12.7	9.0	2	0.7%		1	0.3%
CABG + Other w/o Valves	52	2	3.8%	3	5.8%	7	13.5%	1	1.9%	1	1.9%	0	0.0%	18.4	12.0	2	3.8%		0	0.0%
Septal Myectomy	188	1	0.5%	3	1.6%	5	2.7%	1	0.5%	4	2.1%	0	0.0%	6.9	6.0	1	0.5%		0	0.0%
TAVR	512	0	0.0%	3	0.6%	1	0.2%	2	0.4%	1	0.2%	0	0.0%	2.3	1.0	0	0.0%		0	0.0%
All Other Procedures (In STS)	149	5	3.4%	7	4.7%	19	12.8%	5	3.4%	3	2.0%	0	0.0%	11.7	8.0	4	2.7%		0	0.0%
<b>Subtotal</b>	<b>2,001</b>	<b>41</b>	<b>2.0%</b>	<b>104</b>	<b>5.2%</b>	<b>165</b>	<b>8.2%</b>	<b>31</b>	<b>1.5%</b>	<b>42</b>	<b>2.1%</b>	<b>0</b>	<b>0.0%</b>	<b>10.1</b>	<b>6.0</b>	<b>30</b>	<b>1.5%</b>	<b>8</b>	<b>0.4%</b>	
<b>Adult Cardiac STS Total</b>	<b>4,165</b>	<b>82</b>	<b>2.0%</b>	<b>191</b>	<b>4.6%</b>	<b>268</b>	<b>6.4%</b>	<b>42</b>	<b>1.0%</b>	<b>59</b>	<b>1.4%</b>	<b>1</b>	<b>0.0%</b>	<b>9.9</b>	<b>7.0</b>	<b>41</b>	<b>1.0%</b>	<b>60</b>	<b>1.4%</b>	

Data is subject to correction

\*30-Day Readmissions reflect readmissions that occurred during the previous month

Report data selected using discharge date

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED

\*Includes only durable VADs

## NEOH Reop Adult Cardiac Surgery Outcomes - Main Campus, Fairview and Hillcrest

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Mean HLOS Days	Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality	Readmission 30Day	Readmission %
Isolated CABG	46	0	0.0%	0	0.0%	3	6.5%	0	0.0%	1	2.2%	0	0.0%	11.2	9.0	1	2.2%	3.0%	1	2.2%
Isolated AVR	76	2	2.6%	2	2.6%	4	5.3%	0	0.0%	1	1.3%	0	0.0%	8.5	6.0	0	0.0%	1.7%	0	0.0%
AVR + CABG	10	1	10.0%	2	20.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	14.2	7.0	0	0.0%	5.1%	0	0.0%
Isolated MVR	89	2	2.2%	10	11.2%	16	18.0%	2	2.2%	0	0.0%	0	0.0%	15.1	11.0	1	1.1%	4.1%	0	0.0%
MVR + CABG	8	0	0.0%	0	0.0%	1	12.5%	0	0.0%	1	12.5%	0	0.0%	14.9	16.0	0	0.0%	8.0%	0	0.0%
Isolated MV Repair	43	0	0.0%	1	2.3%	1	2.3%	1	2.3%	0	0.0%	0	0.0%	10.8	5.0	0	0.0%	2.0%	0	0.0%
MV Repair + CABG	10	0	0.0%	1	10.0%	2	20.0%	1	10.0%	0	0.0%	0	0.0%	14.3	10.0	0	0.0%	5.5%	0	0.0%
AVR + MVR	27	2	7.4%	5	18.5%	8	29.6%	1	3.7%	0	0.0%	0	0.0%	19.1	14.0	0	0.0%		1	3.7%
<b>Subtotal</b>	<b>309</b>	<b>7</b>	<b>2.3%</b>	<b>21</b>	<b>6.8%</b>	<b>35</b>	<b>11.3%</b>	<b>5</b>	<b>1.6%</b>	<b>3</b>	<b>1.0%</b>	<b>0</b>	<b>0.0%</b>	<b>12.6</b>	<b>9.0</b>	<b>2</b>	<b>0.6%</b>	<b>2</b>	<b>0.6%</b>	
<b>Non-STS Categories</b>																				
Heart Transplant +/- VAD	17	0	0.0%	3	17.6%	7	41.2%	1	5.9%	0	0.0%	0	0.0%	40.4	23.0	0	0.0%		1	5.9%
*VAD +/- Other (NoTransplant)	46	8	17.4%	18	39.1%	23	50.0%	5	10.9%	4	8.7%	0	0.0%	36.1	31.0	3	6.5%		3	6.5%
Aorta Surgery	377	17	4.5%	40	10.6%	74	19.6%	16	4.2%	9	2.4%	1	0.3%	15.2	8.0	14	3.7%		1	0.3%
Valve Other	168	8	4.8%	19	11.3%	28	16.7%	6	3.6%	2	1.2%	0	0.0%	16.4	10.0	1	0.6%		5	3.0%
CABG + Other w/o Valves	3	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	10.3	12.0	0	0.0%		0	0.0%
Septal Myectomy	4	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	11.5	6.0	0	0.0%		0	0.0%
TAVR	174	0	0.0%	0	0.0%	2	1.1%	0	0.0%	2	1.1%	0	0.0%	2.7	1.0	0	0.0%		2	1.1%
All Other Procedures (In STS)	31	0	0.0%	5	16.1%	6	19.4%	1	3.2%	1	0.0%	0	0.0%	17.0	15.0	2	6.5%		0	0.0%
<b>Subtotal</b>	<b>820</b>	<b>33</b>	<b>4.0%</b>	<b>85</b>	<b>10.4%</b>	<b>140</b>	<b>17.1%</b>	<b>29</b>	<b>3.5%</b>	<b>18</b>	<b>2.2%</b>	<b>1</b>	<b>0.1%</b>	<b>14.9</b>	<b>10.0</b>	<b>20</b>	<b>2.4%</b>	<b>12</b>	<b>1.5%</b>	
<b>Adult Cardiac STS Total</b>	<b>1,129</b>	<b>40</b>	<b>3.5%</b>	<b>106</b>	<b>9.4%</b>	<b>175</b>	<b>15.5%</b>	<b>34</b>	<b>3.0%</b>	<b>21</b>	<b>1.9%</b>	<b>1</b>	<b>0.1%</b>	<b>14.2</b>	<b>9.0</b>	<b>22</b>	<b>1.9%</b>	<b>14</b>	<b>1.2%</b>	

Data is subject to correction

\*30-Day Readmissions reflect readmissions that occurred during the previous month

Report data selected using discharge date

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED

\*Includes only durable VADs

Surgeon: A

## All Adult Cardiac Surgery Outcomes

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	102	4	3.9%	5	4.9%	1	1.0%	1	1.0%	1	1.0%	0	0.0%	11.4	9.4	9.0	8.0	1	1.0%	1.6%
Isolated AVR	26	0	0.0%	0	0.0%	1	3.8%	0	0.0%	0	0.0%	0	0.0%	9.9	8.2	6.0	6.0	0	0.0%	2.1%
AVR + CABG	28	1	3.6%	2	7.1%	2	7.1%	1	3.6%	0	0.0%	0	0.0%	12.3	10.1	7.0	8.0	2	7.1%	3.6%
Isolated MVR	27	2	7.4%	4	14.8%	4	14.8%	1	3.7%	0	0.0%	0	0.0%	18.9	10.2	11.0	8.0	0	0.0%	5.2%
MVR + CABG	1	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	29.0	12.0	29.0	9.0	0	0.0%	3.1%
Isolated MV Repair	13	0	0.0%	0	0.0%	1	7.7%	0	0.0%	0	0.0%	0	0.0%	16.8	6.6	5.0	5.0	0	0.0%	1.9%
MV Repair + CABG	13	1	0.0%	1	7.7%	1	7.7%	0	0.0%	0	0.0%	0	0.0%	17.7	7.1	10.0	6.0	0	0.0%	4.2%
AVR + MVR	10	0	10.0%	1	10.0%	1	10.0%	1	10.0%	0	0.0%	0	0.0%	21.4	14.0	0	0.0%	0	0.0%	
<b>Subtotal</b>	<b>220</b>	<b>8</b>	<b>3.6%</b>	<b>14</b>	<b>6.4%</b>	<b>11</b>	<b>5.0%</b>	<b>4</b>	<b>1.8%</b>	<b>1</b>	<b>0.5%</b>	<b>0</b>	<b>0.0%</b>	<b>13.4</b>	<b>11.0</b>	<b>3</b>	<b>1.4%</b>			
<b>Non-STS Categories</b>																				
Heart Transplant +/-VAD	10	0	0.0%	2	20.0%	4	40.0%	0	0.0%	0	0.0%	0	0.0%	43.8	33.0	0	0.0%			
VAD +/- Other (No Transplant)	16	2	12.5%	9	56.3%	8	50.0%	1	6.3%	3	18.8%	0	0.0%	37.9	33.0	1	6.3%			
Aorta Surgery	120	4	3.3%	14	11.7%	19	15.8%	1	0.8%	2	1.7%	0	0.0%	15.6	8.0	0	0.0%			
Valve Other	63	1	1.6%	6	9.5%	13	20.6%	1	1.6%	1	1.6%	0	0.0%	20.1	9.0	0	0.0%			
CABG + Other w/o Valves	6	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	17.8	12.0	0	0.0%			
Septal Myectomy	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	10.0	10.0	0	0.0%			
TAVR	41	0	0.0%	0	0.0%	0	0.0%	1	2.4%	2	4.9%	0	0.0%	5.9	1.0	0	0.0%			
All Other Procedures (In STS)	10	0	0.0%	1	10.0%	2	20.0%	0	0.0%	0	0.0%	0	0.0%	16.3	8.0	0	0.0%			
<b>Subtotal</b>	<b>267</b>	<b>7</b>	<b>2.6%</b>	<b>32</b>	<b>12.0%</b>	<b>46</b>	<b>17.2%</b>	<b>4</b>	<b>1.5%</b>	<b>8</b>	<b>3.0%</b>	<b>0</b>	<b>0.0%</b>	<b>17.8</b>	<b>12.0</b>	<b>1</b>	<b>0.4%</b>			
<b>Adult Cardiac STS Total</b>	<b>487</b>	<b>15</b>	<b>3.1%</b>	<b>46</b>	<b>9.4%</b>	<b>57</b>	<b>11.7%</b>	<b>8</b>	<b>1.6%</b>	<b>9</b>	<b>1.8%</b>	<b>0</b>	<b>0.0%</b>	<b>15.8</b>	<b>12.0</b>	<b>4</b>	<b>0.8%</b>			

Data is subject to correction

\*30-Day Readmissions reflect readmissions that occurred during the previous month

Surgeon: AA

## All Adult Cardiac Surgery Outcomes

January 1, 2019 - December 31, 2019

Non-STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Valve Other	2	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	4.5	4.5	4.5	0	0.0%		
All Other Procedures (In STS)	4	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	4.0	4.0	4.0	0	0.0%		
<b>Subtotal</b>	<b>6</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>4.2</b>	<b>4.0</b>	<b>4.0</b>	<b>0</b>	<b>0.0%</b>		
<b>Adult Cardiac STS Total</b>	<b>6</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>4.2</b>	<b>4.0</b>	<b>4.0</b>	<b>0</b>	<b>0.0%</b>		

Data is subject to correction

\*30-Day Readmissions reflect readmissions that occurred during the previous month

Report data selected using discharge date

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED

Surgeon: AB

## All Adult Cardiac Surgery Outcomes

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	9	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	13.6	9.4	9.0	8.0	0	0.0%	1.6%
Isolated AVR	6	1	16.7%	1	16.7%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	5.5	8.2	6.0	6.0	0	0.0%	1.8%
AVR + CABG	4	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	13.5	10.1	7.0	8.0	0	0.0%	2.7%
Isolated MVR	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	18.0	10.2	11.0	8.0	0	0.0%	6.3%
MVR = CABG	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	13.0	12.0	16.0	9.0	0	0.0%	5.4%
Isolated MV Repair	5	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	13.2	6.6	5.0	5.0	0	0.0%	1.7%
MV Repair + CABG	2	0	0.0%	1	50.0%	1	50.0%	1	50.0%	0	0.0%	0	0.0%	12.5	7.1	10.0	6.0	1	50.0%	4.9%
AVR + MVR	3	1	33.3%	2	66.7%	3	100.0%	0	0.0%	0	0.0%	0	0.0%	28.0	14.0			0	0.0%	
<b>Subtotal</b>	<b>31</b>	<b>2</b>	<b>6.5%</b>	<b>4</b>	<b>12.9%</b>	<b>4</b>	<b>12.9%</b>	<b>1</b>	<b>3.2%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>13.4</b>	<b>13.0</b>	<b>1</b>	<b>3.2%</b>			
<b>Non-STS Categories</b>																				
VAD +/- Other (No Transplant)	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	11.0	33.0			1	100.0%	
Aorta Surgery	14	1	7.1%	3	21.4%	10	71.4%	2	14.3%	2	14.3%	0	0.0%	19.1	8.0			2	14.3%	
Valve Other	10	0	0.0%	0	0.0%	2	20.0%	0	0.0%	0	0.0%	0	0.0%	17.0	9.0			0	0.0%	
TAVR	78	0	0.0%	1	1.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1.8	1.0			0	0.0%	
<b>Subtotal</b>	<b>103</b>	<b>1</b>	<b>1.0%</b>	<b>4</b>	<b>3.9%</b>	<b>12</b>	<b>11.7%</b>	<b>2</b>	<b>1.9%</b>	<b>2</b>	<b>1.9%</b>	<b>0</b>	<b>0.0%</b>	<b>5.7</b>	<b>1.0</b>	<b>3</b>	<b>2.9%</b>			
<b>Adult Cardiac STS Total</b>	<b>134</b>	<b>3</b>	<b>2.2%</b>	<b>8</b>	<b>6.0%</b>	<b>16</b>	<b>11.9%</b>	<b>3</b>	<b>2.2%</b>	<b>2</b>	<b>1.5%</b>	<b>0</b>	<b>0.0%</b>	<b>7.5</b>	<b>2.0</b>	<b>4</b>	<b>3.0%</b>			

Data is subject to correction

\*30-Day Readmissions reflect readmissions that occurred during the previous month

Report data selected using discharge date

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED



Surgeon: AC

## All Adult Cardiac Surgery Outcomes

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	7	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	11.3	9.4	9.0	8.0	0	0.0%	1.9%
AVR + CABG	2	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	12.5	10.1	12.5	8.0	0	0.0%	2.2%
<b>Subtotal</b>	<b>9</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>11.6</b>	<b>12.0</b>	<b>12.0</b>	<b>0</b>	<b>0.0%</b>		
<b>Non-STS Categories</b>																				
VAD +/- Other (No Transplant)	1	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	19.0	19.0	19.0	19.0	0	0.0%	
Aorta Surgery	52	1	1.9%	2	3.8%	10	19.2%	0	0.0%	2	3.8%	0	0.0%	14.4	8.0	8.0	8.0	2	3.8%	
Valve Other	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	36.0	36.0	36.0	36.0	0	0.0%	
TAVR	46	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	2.2%	0	0.0%	2.0	1.0	1.0	1.0	0	0.0%	
<b>Subtotal</b>	<b>100</b>	<b>1</b>	<b>1.0%</b>	<b>3</b>	<b>3.0%</b>	<b>10</b>	<b>10.0%</b>	<b>0</b>	<b>0.0%</b>	<b>3</b>	<b>3.0%</b>	<b>0</b>	<b>0.0%</b>	<b>8.9</b>	<b>5.0</b>	<b>2</b>	<b>2.0%</b>			
<b>Adult Cardiac STS Total</b>	<b>109</b>	<b>1</b>	<b>0.9%</b>	<b>3</b>	<b>2.8%</b>	<b>10</b>	<b>9.2%</b>	<b>0</b>	<b>0.0%</b>	<b>3</b>	<b>2.8%</b>	<b>0</b>	<b>0.0%</b>	<b>9.1</b>	<b>6.0</b>	<b>2</b>	<b>1.8%</b>			

Data is subject to correction

\*30-Day Readmissions reflect readmissions that occurred during the previous month

Report data selected using discharge date

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED

Surgeon: AE

## All Adult Cardiac Surgery Outcomes

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	25.0	9.4	9.0	8.0	0	0.0%	3.4%
Isolated AVR	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	17.0	8.2	6.0	6.0	0	0.0%	0.8%
Isolated MVR	1	0	0.0%	1	100.0%	1	100.0%	1	100.0%	0	0.0%	0	0.0%	27.0	10.2	11.0	8.0	1	100.0%	1.2%
MVR + CABG	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	28.0	12.0	16.0	9.0	0	0.0%	6.9%
Isolated MV Repair	2	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	22.5	6.6	5.0	5.0	0	0.0%	2.1%
AVR + MVR	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	23.0	14.0	0	0.0%	0	0.0%	
<b>Subtotal</b>	<b>7</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>14.3%</b>	<b>1</b>	<b>14.3%</b>	<b>1</b>	<b>14.3%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>23.6</b>	<b>25.0</b>		<b>1</b>			
<b>Non-STS Categories</b>																				
Aorta Surgery	7	0	0.0%	1	14.3%	2	28.6%	0	0.0%	0	0.0%	0	0.0%	26.3		8.0		0	0.0%	
Valve Other	1	0	0.0%	1	100.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	38.0		9.0		0	0.0%	
All Other Procedures (In STS)	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	24.0		8.0		0	0.0%	
<b>Subtotal</b>	<b>9</b>	<b>0</b>	<b>0.0%</b>	<b>2</b>	<b>22.2%</b>	<b>3</b>	<b>33.3%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>27.3</b>	<b>24.0</b>		<b>0</b>	<b>0.0%</b>		
<b>Adult Cardiac STS Total</b>	<b>16</b>	<b>0</b>	<b>0.0%</b>	<b>3</b>	<b>18.8%</b>	<b>4</b>	<b>25.0%</b>	<b>1</b>	<b>6.3%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>25.7</b>	<b>24.5</b>		<b>1</b>	<b>6.3%</b>		

Data is subject to correction

\*30-Day Readmissions reflect readmissions that occurred during the previous month

Report data selected using discharge date

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED



Surgeon: AF

**All Adult Cardiac Surgery Outcomes**

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated MVR	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	23.0	23.0	10.2	23.0	8.0	0	0.0% 6.2%
<b>Subtotal</b>	<b>1</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>23.0</b>	<b>23.0</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	
<b>Non-STS Categories</b>																				
TAVR	8	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	3.0	3.0	1.0	1.0	0	0.0%	
<b>Subtotal</b>	<b>8</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>3.0</b>	<b>3.0</b>	<b>1.0</b>	<b>1.0</b>	<b>0</b>	<b>0.0%</b>	
<b>Adult Cardiac STS Total</b>	<b>9</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>5.2</b>	<b>5.2</b>	<b>1.0</b>	<b>1.0</b>	<b>0</b>	<b>0.0%</b>	

Data is subject to correction

Report data selected using discharge date

\*30-Day Readmissions reflect readmissions that occurred during the previous month

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED

Surgeon: B

## All Adult Cardiac Surgery Outcomes

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7.0	9.4	7.0	8.0	0	0.0%	0.9%
Isolated AVR	11	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6.2	8.2	6.0	6.0	0	0.0%	0.7%
AVR + CABG	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6.0	10.1	6.0	8.0	0	0.0%	1.2%
MVR + CABG	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	28.0	12.0	28.0	9.0	0	0.0%	13.2%
Isolated MV Repair	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	22.0	6.6	22.0	5.0	0	0.0%	3.3%
<b>Subtotal</b>	<b>15</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>8.7</b>	<b>6.0</b>	<b>0</b>	<b>0.0%</b>			
<b>Non-STS Categories</b>																				
Aorta Surgery	264	9	3.4%	19	7.2%	32	12.1%	12	4.5%	11	4.2%	1	0.4%	11.1	8.0	11	4.2%			
Valve Other	13	0	0.0%	2	15.4%	3	23.1%	2	15.4%	1	7.7%	0	0.0%	9.6	9.0	1	7.7%			
CABG + Other w/o Valves	1	1	100.0%	1	100.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	17.0	17.0	1	100.0%			
All Other Procedures (In STS)	8	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	12.5	8.0	0	0.0%			
<b>Subtotal</b>	<b>286</b>	<b>10</b>	<b>3.5%</b>	<b>22</b>	<b>7.7%</b>	<b>36</b>	<b>12.6%</b>	<b>14</b>	<b>4.9%</b>	<b>12</b>	<b>4.2%</b>	<b>1</b>	<b>0.3%</b>	<b>11.1</b>	<b>8.0</b>	<b>13</b>	<b>4.5%</b>			
<b>Adult Cardiac STS Total</b>	<b>301</b>	<b>10</b>	<b>3.3%</b>	<b>22</b>	<b>7.3%</b>	<b>36</b>	<b>12.0%</b>	<b>14</b>	<b>4.7%</b>	<b>12</b>	<b>4.0%</b>	<b>1</b>	<b>0.3%</b>	<b>11.0</b>	<b>8.0</b>	<b>13</b>	<b>4.3%</b>			

Data is subject to correction

\*30-Day Readmissions reflect readmissions that occurred during the previous month

Report data selected using discharge date

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED

Surgeon: C

## All Adult Cardiac Surgery Outcomes

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	21	1	4.8%	1	4.8%	1	4.8%	0	0.0%	0	0.0%	0	0.0%	11.3	9.4	9.0	8.0	0	0.0%	1.6%
Isolated AVR	19	1	5.3%	1	5.3%	2	10.5%	0	0.0%	0	0.0%	0	0.0%	10.5	8.2	6.0	6.0	0	0.0%	2.5%
AVR + CABG	4	1	25.0%	1	25.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	13.3	10.1	7.0	8.0	0	0.0%	3.1%
Isolated MVR	32	1	3.1%	1	3.1%	5	15.6%	0	0.0%	1	3.1%	0	0.0%	12.3	10.2	11.0	8.0	0	0.0%	2.7%
MVR + CABG	8	0	0.0%	0	0.0%	2	25.0%	0	0.0%	0	0.0%	0	0.0%	13.5	12.0	16.0	9.0	0	0.0%	9.1%
Isolated MV Repair	164	3	1.8%	4	2.4%	3	1.8%	0	0.0%	0	0.0%	0	0.0%	6.4	6.6	5.0	5.0	0	0.0%	0.5%
MV Repair + CABG	14	0	7.1%	0	0.0%	1	7.1%	0	0.0%	0	0.0%	0	0.0%	8.9	7.1	10.0	6.0	0	0.0%	2.1%
AVR + MVR	13	2	7.7%	3	23.1%	2	15.4%	1	7.7%	0	0.0%	0	0.0%	14.7	14.0	0	0	0.0%	0.0%	
<b>Subtotal</b>	<b>275</b>	<b>9</b>	<b>3.3%</b>	<b>11</b>	<b>4.0%</b>	<b>16</b>	<b>5.8%</b>	<b>1</b>	<b>0.4%</b>	<b>1</b>	<b>0.4%</b>	<b>0</b>	<b>0.0%</b>	<b>8.6</b>	<b>6.0</b>	<b>0</b>	<b>0.0%</b>			
<b>Non-STS Categories</b>																				
VAD +/- Other (No Transplant)	1	1	100.0%	1	100.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	36.0	36.0	0	0.0%			
Aorta Surgery	30	1	3.3%	2	6.7%	7	23.3%	2	6.7%	1	3.3%	0	0.0%	12.9	8.0	0	0.0%			
Valve Other	34	0	0.0%	1	2.9%	2	5.9%	1	2.9%	0	0.0%	0	0.0%	11.7	9.0	0	0.0%			
CABG + Other w/o Valves	2	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7.5	7.5	0	0.0%			
Septal Myectomy	61	0	0.0%	2	3.3%	3	4.9%	1	1.6%	2	3.3%	0	0.0%	8.8	7.0	0	0.0%			
All Other Procedures (In STS)	8	1	12.5%	2	25.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	9.5	8.0	0	0.0%			
<b>Subtotal</b>	<b>136</b>	<b>3</b>	<b>2.2%</b>	<b>8</b>	<b>5.9%</b>	<b>13</b>	<b>9.6%</b>	<b>4</b>	<b>2.9%</b>	<b>3</b>	<b>2.2%</b>	<b>0</b>	<b>0.0%</b>	<b>10.6</b>	<b>7.5</b>	<b>0</b>	<b>0.0%</b>			
<b>Adult Cardiac STS Total</b>	<b>411</b>	<b>12</b>	<b>2.9%</b>	<b>19</b>	<b>4.6%</b>	<b>29</b>	<b>7.1%</b>	<b>5</b>	<b>1.2%</b>	<b>4</b>	<b>1.0%</b>	<b>0</b>	<b>0.0%</b>	<b>9.3</b>	<b>7.0</b>	<b>0</b>	<b>0.0%</b>			

Data is subject to correction

Report data selected using discharge date

\*30-Day Readmissions reflect readmissions that occurred during the previous month

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED

Surgeon: D

## All Adult Cardiac Surgery Outcomes

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	112	0	0.0%	2	1.8%	4	3.6%	2	1.8%	3	2.7%	0	0.0%	10.4	9.4	9.0	8.0	0	0.0%	1.3%
Isolated AVR	15	1	6.7%	1	6.7%	2	13.3%	0	0.0%	1	6.7%	0	0.0%	8.6	8.2	6.0	6.0	0	0.0%	1.3%
AVR + CABG	11	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	10.7	10.1	7.0	8.0	0	0.0%	2.3%
Isolated MVR	16	0	0.0%	3	18.8%	5	31.3%	0	0.0%	0	0.0%	0	0.0%	18.0	10.2	11.0	8.0	0	0.0%	5.6%
MVR + CABG	3	0	0.0%	0	0.0%	1	33.3%	0	0.0%	0	0.0%	0	0.0%	12.0	12.0	16.0	9.0	0	0.0%	8.5%
Isolated MV Repair	33	0	0.0%	3	9.1%	1	3.0%	0	0.0%	0	0.0%	0	0.0%	7.1	6.6	5.0	5.0	0	0.0%	0.5%
MV Repair + CABG	20	0	0.0%	1	5.0%	2	10.0%	1	5.0%	0	0.0%	0	0.0%	14.7	7.1	10.0	6.0	0	0.0%	4.5%
AVR + MVR	5	0	0.0%	1	20.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	10.2	14.0			0	0.0%	
<b>Subtotal</b>	<b>215</b>	<b>1</b>	<b>0.5%</b>	<b>11</b>	<b>5.1%</b>	<b>15</b>	<b>7.0%</b>	<b>3</b>	<b>1.4%</b>	<b>4</b>	<b>1.9%</b>	<b>0</b>	<b>0.0%</b>	<b>10.6</b>	<b>7.0</b>	<b>0</b>	<b>0.0%</b>			
<b>Non-STS Categories</b>																				
Heart Transplant +/-VAD	1	0	0.0%	1	100.0%	1	100.0%	1	100.0%	0	0.0%	0	0.0%	93.0	93.0			0	0.0%	
Aorta Surgery	22	0	0.0%	2	9.1%	5	22.7%	0	0.0%	0	0.0%	0	0.0%	17.2	8.0			2	9.1%	
Valve Other	25	0	0.0%	1	4.0%	1	4.0%	0	0.0%	1	4.0%	0	0.0%	12.2	9.0			0	0.0%	
CABG + Other w/o Valves	11	1	9.1%	1	9.1%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	10.3	12.0			0	0.0%	
Septal Myectomy	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6.0	6.0			0	0.0%	
All Other Procedures (In STS)	2	0	0.0%	1	50.0%	1	50.0%	0	0.0%	0	0.0%	0	0.0%	28.5	28.5			0	0.0%	
<b>Subtotal</b>	<b>62</b>	<b>1</b>	<b>1.6%</b>	<b>6</b>	<b>9.7%</b>	<b>8</b>	<b>12.9%</b>	<b>1</b>	<b>1.6%</b>	<b>1</b>	<b>1.6%</b>	<b>0</b>	<b>0.0%</b>	<b>15.4</b>	<b>9.5</b>	<b>2</b>	<b>3.2%</b>			
<b>Adult Cardiac STS Total</b>	<b>275</b>	<b>2</b>	<b>0.7%</b>	<b>17</b>	<b>6.2%</b>	<b>23</b>	<b>8.4%</b>	<b>4</b>	<b>1.5%</b>	<b>5</b>	<b>1.8%</b>	<b>0</b>	<b>0.0%</b>	<b>11.7</b>	<b>8.0</b>	<b>2</b>	<b>0.7%</b>			

Data is subject to correction

\*30-Day Readmissions reflect readmissions that occurred during the previous month

Report data selected using discharge date

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED



Surgeon: E

## All Adult Cardiac Surgery Outcomes

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	14	1	7.1%	1	7.1%	1	7.1%	0	0.0%	0	0.0%	0	0.0%	7.4	9.4	9.0	8.0	0	0.0%	1.4%
Isolated AVR	23	1	4.3%	1	4.3%	1	4.3%	0	0.0%	0	0.0%	0	0.0%	9.0	8.2	6.0	6.0	0	0.0%	1.3%
AVR + CABG	13	1	7.7%	1	7.7%	0	0.0%	0	0.0%	1	7.7%	0	0.0%	7.6	10.1	7.0	8.0	0	0.0%	2.2%
Isolated MVR	21	0	0.0%	4	19.0%	1	4.8%	1	4.8%	0	0.0%	0	0.0%	13.6	10.2	11.0	8.0	0	0.0%	5.3%
MVR + CABG	6	1	16.7%	1	16.7%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	17.8	12.0	16.0	9.0	0	0.0%	4.3%
Isolated MV Repair	15	0	0.0%	0	0.0%	1	6.7%	1	6.7%	0	0.0%	0	0.0%	11.1	6.6	5.0	5.0	0	0.0%	3.0%
MV Repair + CABG	6	0	0.0%	0	0.0%	1	16.7%	0	0.0%	0	0.0%	0	0.0%	10.2	7.1	10.0	6.0	0	0.0%	4.3%
AVR + MVR	13	1	7.7%	1	7.7%	1	7.7%	0	0.0%	0	0.0%	0	0.0%	17.6	14.0			0	0.0%	
<b>Subtotal</b>	<b>111</b>	<b>5</b>	<b>4.5%</b>	<b>9</b>	<b>8.1%</b>	<b>6</b>	<b>5.4%</b>	<b>2</b>	<b>1.8%</b>	<b>1</b>	<b>0.9%</b>	<b>0</b>	<b>0.0%</b>	<b>11.3</b>	<b>9.0</b>	<b>0</b>	<b>0.0%</b>			
<b>Non-STS Categories</b>																				
Aorta Surgery	78	5	6.4%	7	9.0%	8	10.3%	2	2.6%	0	0.0%	0	0.0%	11.5	8.0		1	1.3%		
Valve Other	96	4	4.2%	9	9.4%	12	12.5%	4	4.2%	1	1.0%	0	0.0%	13.9	9.0		0	0.0%		
CABG + Other w/o Valves	6	0	0.0%	0	0.0%	1	16.7%	0	0.0%	0	0.0%	0	0.0%	9.2	12.0		0	0.0%		
Septal Myectomy	2	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6.5	6.5		0	0.0%		
TAVR	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1.0	1.0		0	0.0%		
All Other Procedures (In STS)	22	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6.9	8.0		0	0.0%		
<b>Subtotal</b>	<b>205</b>	<b>9</b>	<b>4.4%</b>	<b>16</b>	<b>7.8%</b>	<b>21</b>	<b>10.2%</b>	<b>6</b>	<b>2.9%</b>	<b>1</b>	<b>0.5%</b>	<b>0</b>	<b>0.0%</b>	<b>12.0</b>	<b>8.0</b>	<b>1</b>	<b>0.5%</b>			
<b>Adult Cardiac STS Total</b>	<b>316</b>	<b>14</b>	<b>4.4%</b>	<b>25</b>	<b>7.9%</b>	<b>27</b>	<b>8.5%</b>	<b>8</b>	<b>2.5%</b>	<b>2</b>	<b>0.6%</b>	<b>0</b>	<b>0.0%</b>	<b>11.7</b>	<b>8.0</b>	<b>1</b>	<b>0.3%</b>			

Data is subject to correction

\*30-Day Readmissions reflect readmissions that occurred during the previous month

Report data selected using discharge date

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED

Surgeon: F

## All Adult Cardiac Surgery Outcomes

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality %	Operative Mortality	Predicted Mortality
Isolated CABG	42	0	0.0%	2	4.8%	3	7.1%	0	0.0%	0	0.0%	0	0.0%	9.0	9.4	9.0	8.0	0	0.0%	1.1%
Isolated AVR	77	2	2.6%	2	2.6%	2	2.6%	0	0.0%	1	1.3%	0	0.0%	6.2	8.2	6.0	6.0	0	0.0%	0.9%
AVR + CABG	16	0	12.5%	1	6.3%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	8.2	10.1	7.0	8.0	0	0.0%	2.6%
Isolated MVR	5	0	0.0%	0	0.0%	1	20.0%	0	0.0%	0	0.0%	0	0.0%	17.0	10.2	11.0	8.0	0	0.0%	4.5%
MVR + CABG	2	0	0.0%	0	0.0%	1	50.0%	0	0.0%	0	0.0%	0	0.0%	13.0	12.0	13.0	9.0	0	0.0%	8.5%
Isolated MV Repair	4	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	11.0	6.6	5.0	5.0	0	0.0%	0.6%
AVR + MVR	5	0	0.0%	0	0.0%	2	40.0%	0	0.0%	0	0.0%	0	0.0%	14.0	14.0	14.0	0	0.0%		
<b>Subtotal</b>	<b>151</b>	<b>2</b>	<b>1.3%</b>	<b>5</b>	<b>3.3%</b>	<b>9</b>	<b>6.0%</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>0.7%</b>	<b>0</b>	<b>0.0%</b>	<b>8.0</b>	<b>5.0</b>	<b>0</b>	<b>0.0%</b>			
<b>Non-STS Categories</b>																				
VAD +/- Other (No Transplant)	1	0	0.0%	1	100.0%	1	100.0%	1	100.0%	0	0.0%	0	0.0%	8.0		8.0		1	100.0%	
Aorta Surgery	96	1	1.0%	7	7.3%	10	10.4%	3	3.1%	2	2.1%	0	0.0%	9.8		8.0		1	1.0%	
Valve Other	34	0	0.0%	2	5.9%	5	14.7%	0	0.0%	0	0.0%	0	0.0%	11.8		9.0		0	0.0%	
CABG + Other w/o Valves	3	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	11.3		12.0		0	0.0%	
Septal Myectomy	4	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6.7		6.0		0	0.0%	
TAVR	2	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	8.0		8.0		0	0.0%	
All Other Procedures (In STS)	33	1	3.0%	1	3.0%	4	12.1%	2	6.1%	0	0.0%	0	0.0%	11.4		8.0		1	3.0%	
<b>Subtotal</b>	<b>173</b>	<b>2</b>	<b>1.2%</b>	<b>11</b>	<b>6.4%</b>	<b>20</b>	<b>11.6%</b>	<b>6</b>	<b>3.5%</b>	<b>2</b>	<b>1.2%</b>	<b>0</b>	<b>0.0%</b>	<b>10.7</b>	<b>8.0</b>	<b>3</b>	<b>1.7%</b>			
<b>Adult Cardiac STS Total</b>	<b>324</b>	<b>4</b>	<b>1.2%</b>	<b>16</b>	<b>4.9%</b>	<b>29</b>	<b>9.0%</b>	<b>6</b>	<b>1.9%</b>	<b>3</b>	<b>0.9%</b>	<b>0</b>	<b>0.0%</b>	<b>9.5</b>	<b>7.0</b>	<b>3</b>	<b>0.9%</b>			

Data is subject to correction

\*30-Day Readmissions reflect readmissions that occurred during the previous month

Report data selected using discharge date

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED

Surgeon: G

### All Adult Cardiac Surgery Outcomes

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	6	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	10.0	9.4	9.0	8.0	0	0.0%	1.1%
Isolated AVR	58	0	0.0%	0	0.0%	1	1.7%	0	0.0%	1	1.7%	0	0.0%	6.8	8.2	6.0	6.0	0	0.0%	1.1%
AVR + CABG	17	1	5.9%	2	11.8%	1	5.9%	0	0.0%	0	0.0%	0	0.0%	6.0	10.1	7.0	8.0	0	0.0%	1.3%
Isolated MVR	2	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	11.0	10.2	11.0	8.0	0	0.0%	1.5%
MVR + CABG	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	11.0	12.0	11.0	9.0	0	0.0%	1.5%
Isolated MV Repair	5	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6.4	6.6	5.0	5.0	0	0.0%	0.6%
MV Repair + CABG	2	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	50.0%	0	0.0%	7.0	7.1	7.0	6.0	0	0.0%	0.8%
AVR + MVR	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7.0	7.0	7.0	0	0	0.0%	
<b>Subtotal</b>	<b>92</b>	<b>1</b>	<b>1.1%</b>	<b>2</b>	<b>2.2%</b>	<b>2</b>	<b>2.2%</b>	<b>0</b>	<b>0.0%</b>	<b>2</b>	<b>2.2%</b>	<b>0</b>	<b>0.0%</b>	<b>7.0</b>	<b>6.0</b>	<b>0</b>	<b>0.0%</b>			
<b>Non-STS Categories</b>																				
Aorta Surgery	158	6	3.8%	9	5.7%	8	5.1%	1	0.6%	1	0.6%	0	0.0%	6.9	8.0	1	0.6%			
Valve Other	11	1	9.1%	1	9.1%	2	18.2%	0	0.0%	0	0.0%	0	0.0%	7.1	9.0	0	0.0%			
Septal Myectomy	2	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6.5	6.5	0	0.0%			
All Other Procedures (In STS)	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	4.0	4.0	0	0.0%			
<b>Subtotal</b>	<b>172</b>	<b>7</b>	<b>4.1%</b>	<b>10</b>	<b>5.8%</b>	<b>10</b>	<b>5.8%</b>	<b>1</b>	<b>0.6%</b>	<b>1</b>	<b>0.6%</b>	<b>0</b>	<b>0.0%</b>	<b>6.9</b>	<b>6.0</b>	<b>1</b>	<b>0.6%</b>			
<b>Adult Cardiac STS Total</b>	<b>264</b>	<b>8</b>	<b>3.0%</b>	<b>12</b>	<b>4.5%</b>	<b>12</b>	<b>4.5%</b>	<b>1</b>	<b>0.4%</b>	<b>3</b>	<b>1.1%</b>	<b>0</b>	<b>0.0%</b>	<b>6.9</b>	<b>6.0</b>	<b>1</b>	<b>0.4%</b>			

Data is subject to correction

\*30-Day Readmissions reflect readmissions that occurred during the previous month

Report data selected using discharge date

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED

Surgeon: H

## All Adult Cardiac Surgery Outcomes

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	2	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	50.0%	0	0.0%	5.5	<b>9.4</b>	5.5	<b>8.0</b>	0	0.0%	<b>0.8%</b>
Isolated AVR	2	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6.0	<b>8.2</b>	6.0	<b>6.0</b>	0	0.0%	<b>0.8%</b>
MVR + CABG	1	0	0.0%	0	0.0%	1	100.0%	0	0.0%	1	100.0%	0	0.0%	9.0	<b>12.0</b>	9.0	<b>9.0</b>	0	0.0%	<b>2.0%</b>
Isolated MV Repair	13	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	5.7	<b>6.6</b>	5.0	<b>5.0</b>	0	0.0%	<b>0.6%</b>
MV Repair + CABG	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6.0	<b>7.1</b>	6.0	<b>6.0</b>	0	0.0%	<b>0.9%</b>
<b>Subtotal</b>	<b>19</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>5.3%</b>	<b>0</b>	<b>0.0%</b>	<b>2</b>	<b>10.5%</b>	<b>0</b>	<b>0.0%</b>	<b>5.9</b>	<b>5.0</b>	<b>5.0</b>	<b>0</b>	<b>0.0%</b>		
Non-STS Categories																				
Heart Transplant +/- VAD	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	18.0	18.0	18.0	0	0.0%		
Aorta Surgery	11	1	9.1%	2	18.2%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	8.3	8.3	8.0	0	0.0%		
Valve Other	4	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	5.8	9.0	9.0	0	0.0%		
Septal Myectomy	121	1	0.8%	1	0.8%	2	1.7%	0	0.0%	2	1.7%	0	0.0%	5.9	5.0	5.0	1	0.8%		
TAVR	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1.0	1.0	1.0	0	0.0%		
All Other Procedures (In STS)	7	0	0.0%	1	14.3%	2	28.6%	0	0.0%	1	14.3%	0	0.0%	10.7	8.0	8.0	0	0.0%		
<b>Subtotal</b>	<b>145</b>	<b>2</b>	<b>1.4%</b>	<b>4</b>	<b>2.8%</b>	<b>4</b>	<b>2.8%</b>	<b>0</b>	<b>0.0%</b>	<b>3</b>	<b>2.1%</b>	<b>0</b>	<b>0.0%</b>	<b>6.3</b>	<b>5.0</b>	<b>5.0</b>	<b>1</b>	<b>0.7%</b>		
<b>Adult Cardiac STS Total</b>	<b>164</b>	<b>2</b>	<b>4.0%</b>	<b>4</b>	<b>2.4%</b>	<b>5</b>	<b>3.0%</b>	<b>0</b>	<b>0.0%</b>	<b>5</b>	<b>3.0%</b>	<b>0</b>	<b>0.0%</b>	<b>6.3</b>	<b>5.0</b>	<b>5.0</b>	<b>1</b>	<b>0.6%</b>		

Data is subject to correction

\*30-Day Readmissions reflect readmissions that occurred during the previous month

Report data selected using discharge date

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED



Surgeon: I

## All Adult Cardiac Surgery Outcomes

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	2	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	9.0	9.4	9.0	8.0	0	0.0%	0.6%
Isolated AVR	11	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	5.3	8.2	6.0	6.0	0	0.0%	1.2%
AVR + CABG	4	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6.0	10.1	7.0	8.0	0	0.0%	1.4%
Isolated MVR	24	0	0.0%	3	12.5%	2	8.3%	1	4.2%	0	0.0%	0	0.0%	7.9	10.2	11.0	8.0	1	4.2%	2.2%
MVR + CABG	1	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	10.0	12.0	10.0	9.0	0	0.0%	1.0%
Isolated MV Repair	224	4	1.8%	9	4.0%	6	2.7%	0	0.0%	1	0.4%	0	0.0%	5.6	6.6	5.0	5.0	0	0.0%	0.4%
MV Repair + CABG	26	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6.2	7.1	10.0	6.0	0	0.0%	1.7%
AVR + MVR	3	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6.7	14.0			0	0.0%	
<b>Subtotal</b>	<b>295</b>	<b>4</b>	<b>1.4%</b>	<b>13</b>	<b>4.4%</b>	<b>8</b>	<b>2.7%</b>	<b>1</b>	<b>0.3%</b>	<b>1</b>	<b>0.3%</b>	<b>0</b>	<b>0.0%</b>	<b>5.9</b>	<b>5.0</b>	<b>1</b>	<b>0.3%</b>			
<b>Non-STS Categories</b>																				
Aorta Surgery	16	0	0.0%	2	12.5%	5	31.3%	1	6.3%	2	12.5%	0	0.0%	9.3		8.0		3	18.8%	
Valve Other	13	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6.8		9.0		0	0.0%	
TAVR	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1.0		1.0		0	0.0%	
All Other Procedures (In STS)	7	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	5.9		8.0		0	0.0%	
<b>Subtotal</b>	<b>37</b>	<b>0</b>	<b>0.0%</b>	<b>2</b>	<b>5.4%</b>	<b>5</b>	<b>13.5%</b>	<b>1</b>	<b>2.7%</b>	<b>2</b>	<b>5.4%</b>	<b>0</b>	<b>0.0%</b>	<b>7.5</b>	<b>6.0</b>	<b>3</b>	<b>8.1%</b>			
<b>Adult Cardiac STS Total</b>	<b>332</b>	<b>4</b>	<b>1.2%</b>	<b>15</b>	<b>4.5%</b>	<b>13</b>	<b>3.9%</b>	<b>2</b>	<b>0.6%</b>	<b>3</b>	<b>0.9%</b>	<b>0</b>	<b>0.0%</b>	<b>6.1</b>	<b>5.0</b>	<b>4</b>	<b>1.2%</b>			

Data is subject to correction

\*30-Day Readmissions reflect readmissions that occurred during the previous month

Report data selected using discharge date

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED

Surgeon: J

## All Adult Cardiac Surgery Outcomes

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	72	2	2.8%	3	4.2%	5	6.9%	1	1.4%	2	2.8%	1	1.4%	13.5	9.4	9.0	8.0	2	2.8%	1.6%
Isolated AVR	27	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7.7	8.2	6.0	6.0	0	0.0%	1.5%
AVR + CABG	7	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	14.6	10.1	7.0	8.0	0	0.0%	2.8%
Isolated MVR	12	0	0.0%	2	16.7%	3	25.0%	0	0.0%	0	0.0%	0	0.0%	20.7	10.2	11.0	8.0	0	0.0%	3.4%
MVR + CABG	2	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	21.0	12.0	16.0	9.0	0	0.0%	5.0%
Isolated MV Repair	11	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6.8	6.6	5.0	5.0	0	0.0%	0.5%
MV Repair + CABG	13	1	7.7%	2	15.4%	2	15.4%	0	0.0%	0	0.0%	0	0.0%	15.4	7.1	10.0	6.0	1	7.7%	3.2%
AVR + MVR	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	12.0		14.0		0	0.0%	
<b>Subtotal</b>	<b>145</b>	<b>3</b>	<b>2.1%</b>	<b>7</b>	<b>4.8%</b>	<b>10</b>	<b>6.9%</b>	<b>1</b>	<b>0.7%</b>	<b>2</b>	<b>1.4%</b>	<b>1</b>	<b>0.7%</b>	<b>12.8</b>	<b>9.0</b>	<b>3</b>	<b>2.1%</b>			
<b>Non-STS Categories</b>																				
Heart Transplant +/-VAD	9	0	0.0%	2	22.2%	1	11.1%	1	11.1%	0	0.0%	0	0.0%	47.6		33.0		0	0.0%	
VAD +/- Other (No Transplant)	61	5	8.2%	20	32.8%	28	45.9%	4	6.6%	5	8.2%	0	0.0%	41.3		33.0		5	8.2%	
Aorta Surgery	48	0	0.0%	2	4.2%	2	4.2%	1	2.1%	2	4.2%	0	0.0%	13.3		6.0		0	0.0%	
Valve Other	24	1	4.2%	2	8.3%	1	4.2%	0	0.0%	0	0.0%	0	0.0%	13.4		9.0		1	4.2%	
CABG + Other w/o Valves	6	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	12.3		12.0		0	0.0%	
Septal Myectomy	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	9.0		9.0		0	0.0%	
All Other Procedures (In STS)	18	2	11.1%	3	16.7%	4	22.2%	2	11.1%	2	11.1%	0	0.0%	18.7		8.0		2	11.1%	
<b>Subtotal</b>	<b>167</b>	<b>8</b>	<b>4.8%</b>	<b>29</b>	<b>17.4%</b>	<b>36</b>	<b>21.6%</b>	<b>8</b>	<b>4.8%</b>	<b>9</b>	<b>5.4%</b>	<b>0</b>	<b>0.0%</b>	<b>25.9</b>	<b>17.0</b>	<b>8</b>	<b>4.8%</b>			
<b>Adult Cardiac STS Total</b>	<b>312</b>	<b>11</b>	<b>3.5%</b>	<b>36</b>	<b>11.5%</b>	<b>46</b>	<b>14.7%</b>	<b>9</b>	<b>2.9%</b>	<b>11</b>	<b>3.5%</b>	<b>1</b>	<b>0.3%</b>	<b>19.9</b>	<b>13.0</b>	<b>11</b>	<b>3.5%</b>			

Data is subject to correction

Report data selected using discharge date

\*30-Day Readmissions reflect readmissions that occurred during the previous month

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED

Surgeon: L

## All Adult Cardiac Surgery Outcomes

January 1, 2019 - June 30, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	7	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	10.9	9.4	9	8.0	0	0.0%	0.8%
AVR + CABG	2	0	0.0%	0	0.0%	1	50.0%	0	0.0%	0	0.0%	0	0.0%	10.0	10.1	10	8.0	0	0.0%	1.3%
Isolated MVR	1	0	0.0%	1	100.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	15.0	10.2	15	8.0	0	0.0%	17.1%
Isolated MV Repair	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	14.0	6.6	14.0	5.0	0	0.0%	0.5%
MV Repair + CABG	1	0	0.0%	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	44.0	7.1	44.0	6.0	0	0.0%	5.1%
<b>Subtotal</b>	<b>12</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>8.3%</b>	<b>3</b>	<b>25.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>14.1</b>	<b>12.5</b>	<b>0</b>	<b>0.0%</b>			
<b>Non-STS Categories</b>																				
Aorta Surgery	5	0	0.0%	0	0.0%	2	40.0%	0	0.0%	0	0.0%	0	0.0%	13.4	8.0	0	0.0%			
Valve Other	3	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	5.7	9.0	0	0.0%			
TAVR	3	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1.3	1.0	0	0.0%			
All Other Procedures (In STS)	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	26.0	26.0	0	0.0%			
<b>Subtotal</b>	<b>12</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>2</b>	<b>16.7%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>9.5</b>	<b>7.0</b>	<b>0</b>	<b>0.0%</b>			
<b>Adult Cardiac STS Total</b>	<b>24</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>4.2%</b>	<b>5</b>	<b>20.8%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>11.8</b>	<b>8.5</b>	<b>0</b>	<b>0.0%</b>			

Data is subject to correction

\*30-Day Readmissions reflect readmissions that occurred during the previous month

Report data selected using discharge date

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED



Surgeon: M

All Adult Cardiac Surgery Outcomes

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	10	0	0.0%	2	20.0%	1	10.0%	0	0.0%	0	0.0%	0	0.0%	14.8	9.4	13.0	8.0	0	0.0%	1.1%
AVR + CABG	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6.0	10.1	6.0	8.0	0	0.0%	3.6%
<b>Subtotal</b>	<b>11</b>	<b>0</b>	<b>0.0%</b>	<b>2</b>	<b>18.2%</b>	<b>1</b>	<b>9.1%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>14.0</b>	<b>12.0</b>	<b>12.0</b>	<b>0</b>	<b>0.0%</b>		
<b>Non-STS Categories</b>																				
Aorta Surgery	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	19.0		19.0		0	0.0%	
Valve Other	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	17.0		17.0		0	0.0%	
TAVR	90	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1.8		1.0		0	0.0%	
<b>Subtotal</b>	<b>92</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>2.1</b>	<b>1.0</b>	<b>1.0</b>	<b>0</b>	<b>0.0%</b>		
<b>Adult Cardiac STS Total</b>	<b>103</b>	<b>0</b>	<b>0.0%</b>	<b>2</b>	<b>1.9%</b>	<b>1</b>	<b>1.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>3.4</b>	<b>1.0</b>	<b>1.0</b>	<b>0</b>	<b>0.0%</b>		

Data is subject to correction

\*30-Day Readmissions reflect readmissions that occurred during the previous month

Report data selected using discharge date

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED



Surgeon: N

## All Adult Cardiac Surgery Outcomes

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	7	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	14.3%	0	0.0%	16.7	9.4	9.0	8.0	0	0.0%	1.5%
AVR + CABG	2	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	9.0	10.1	9.0	8.0	0	0.0%	2.4%
Isolated MVR	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	19.5	10.2	19.5	8.0	0	0.0%	4.4%
Isolated MV Repair	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	5.0	6.6	5.0	5.0	0	0.0%	2.5%
MV Repair + CABG	1	0	0.0%	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	16.0	7.1	16.0	6.0	0	0.0%	27.9%
<b>Subtotal</b>	<b>12</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>8.3%</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>8.3%</b>	<b>0</b>	<b>0.0%</b>	<b>14.3</b>	<b>13.5</b>	<b>0</b>	<b>0.0%</b>			
<b>Non-STS Categories</b>																				
VAD +/- Other (No Transplants)	3	0	0.0%	2	66.7%	2	66.7%	1	33.3%	0	0.0%	1	33.3%	50.3	33.0	33.0	1	33.3%		
Valve Other	13	0	0.0%	1	7.7%	1	7.7%	0	0.0%	0	0.0%	0	0.0%	7.3	9.0	9.0	0	0.0%		
TAVR	309	0	0.0%	1	0.3%	2	0.6%	1	0.3%	0	0.0%	0	0.0%	2.2	1.0	1.0	0	0.0%		
All Other Procedures (In STS)	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	9.0	9.0	9.0	0	0.0%		
<b>Subtotal</b>	<b>326</b>	<b>0</b>	<b>0.0%</b>	<b>4</b>	<b>1.2%</b>	<b>5</b>	<b>1.5%</b>	<b>2</b>	<b>0.6%</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>0.3%</b>	<b>2.8</b>	<b>1.0</b>	<b>1</b>	<b>0.3%</b>			
<b>Adult Cardiac STS Total</b>	<b>338</b>	<b>0</b>	<b>0.0%</b>	<b>4</b>	<b>1.2%</b>	<b>6</b>	<b>1.8%</b>	<b>2</b>	<b>0.6%</b>	<b>1</b>	<b>0.3%</b>	<b>1</b>	<b>0.3%</b>	<b>3.3</b>	<b>1.0</b>	<b>1</b>	<b>0.3%</b>			

Data is subject to correction

\*30-Day Readmissions reflect readmissions that occurred during the previous month

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED

Report data selected using discharge date

Surgeon: O

## All Adult Cardiac Surgery Outcomes

January 1, 2019 - June 30, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	4	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6.5	<b>9.4</b>	9	<b>8.0</b>	0	0.0%	<b>0.8%</b>
Isolated AVR	8	0	0.0%	1	12.5%	1	12.5%	0	0.0%	0	0.0%	0	0.0%	11.8	<b>8.2</b>	6.0	<b>6.0</b>	0	0.0%	<b>1.5%</b>
AVR + CABG	4	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	5.8	<b>10.1</b>	7.0	<b>8.0</b>	0	0.0%	<b>2.0%</b>
Isolated MVR	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	17.0	<b>10.2</b>	17.0	<b>8.0</b>	0	0.0%	<b>1.1%</b>
Isolated MV Repair	31	2	6.5%	2	6.5%	1	3.2%	0	0.0%	0	0.0%	0	0.0%	6.3	<b>6.6</b>	5.0	<b>5.0</b>	0	0.0%	<b>0.6%</b>
MV Repair + CABG	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	4.0	<b>7.1</b>	4.0	<b>6.0</b>	0	0.0%	<b>0.7%</b>
AVR + MVR	2	0	0.0%	0	0.0%	2	100.0%	0	0.0%	0	0.0%	0	0.0%	26.0		26.0		0	0.0%	
<b>Subtotal</b>	<b>51</b>	<b>2</b>	<b>3.9%</b>	<b>3</b>	<b>5.9%</b>	<b>4</b>	<b>7.8%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>8.1</b>	<b>6.0</b>	<b>0</b>	<b>0.0%</b>			
<b>Non-STS Categories</b>																				
Aorta Surgery	4	0	0.0%	1	25.0%	2	50.0%	0	0.0%	2	50.0%	0	0.0%	10.8		8.0		0	0.0%	
Valve Other	6	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	12.8		9.0		0	0.0%	
Septal Myectomy	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	5.0		5.0		0	0.0%	
TAVR	92	0	0.0%	1	1.1%	1	1.1%	0	0.0%	0	0.0%	0	0.0%	2.6		1.0		0	0.0%	
All Other Procedures (In STS)	2	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	5.0		5.0		0	0.0%	
<b>Subtotal</b>	<b>105</b>	<b>0</b>	<b>0.0%</b>	<b>2</b>	<b>1.9%</b>	<b>3</b>	<b>2.9%</b>	<b>0</b>	<b>0.0%</b>	<b>2</b>	<b>1.9%</b>	<b>0</b>	<b>0.0%</b>	<b>3.5</b>	<b>1.0</b>	<b>0</b>	<b>0.0%</b>			
<b>Adult Cardiac STS Total</b>	<b>156</b>	<b>2</b>	<b>1.3%</b>	<b>5</b>	<b>3.2%</b>	<b>7</b>	<b>4.5%</b>	<b>0</b>	<b>0.0%</b>	<b>2</b>	<b>1.3%</b>	<b>0</b>	<b>0.0%</b>	<b>5.0</b>	<b>4.0</b>	<b>0</b>	<b>0.0%</b>			

Data is subject to correction

\*30-Day Readmissions reflect readmissions that occurred during the previous month

Report data selected using discharge date

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED

Surgeon: P

## All Adult Cardiac Surgery Outcomes

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	134	1	0.7%	2	1.5%	3	2.2%	0	0.0%	1	0.7%	0	0.0%	10.1	9.4	9.0	8.0	1	0.7%	
Isolated AVR	3	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	108.7	8.2	6.0	6.0	0	0.0%	
AVR + CABG	11	0	0.0%	0	0.0%	1	9.1%	0	0.0%	0	0.0%	0	0.0%	11.7	10.1	7.0	8.0	0	0.0%	
Isolated MVR	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	9.0	10.2	9.0	8.0	0	0.0%	
MVR + CABG	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	20.0	12.0	20.0	9.0	0	0.0%	
Isolated MV Repair	3	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	11.7	6.6	5.0	5.0	0	0.0%	
MV Repair + CABG	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	15.0	7.1	15.0	6.0	0	0.0%	
<b>Subtotal</b>	<b>154</b>	<b>1</b>	<b>0.6%</b>	<b>2</b>	<b>1.3%</b>	<b>4</b>	<b>2.6%</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>0.6%</b>	<b>0</b>	<b>0.0%</b>	<b>12.3</b>	<b>9.0</b>	<b>1</b>	<b>0.6%</b>			
<b>Non-STS Categories</b>																				
Aorta Surgery	4	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7.5		8.0	0	0.0%		
Valve Other	4	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	12.5		9.0	0	0.0%		
CABG + Other w/o Valves	3	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	19.0		12.0	0	0.0%		
All Other Procedures (In STS)	1	0	0.0%	0	0.0%	1	100.0%	1	100.0%	0	0.0%	0	0.0%	19.0		19.0	1	100.0%		
<b>Subtotal</b>	<b>12</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>8.3%</b>	<b>1</b>	<b>8.3%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>13.0</b>	<b>12.0</b>	<b>1</b>	<b>8.3%</b>			
<b>Adult Cardiac STS Total</b>	<b>166</b>	<b>1</b>	<b>0.6%</b>	<b>2</b>	<b>1.2%</b>	<b>5</b>	<b>3.0%</b>	<b>1</b>	<b>0.6%</b>	<b>1</b>	<b>0.6%</b>	<b>0</b>	<b>0.0%</b>	<b>12.3</b>	<b>10.0</b>	<b>2</b>	<b>1.2%</b>			

Data is subject to correction

Report data selected using discharge date

\*30-Day Readmissions reflect readmissions that occurred during the previous month

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED

Surgeon: Q

## All Adult Cardiac Surgery Outcomes

January 1, 2019 - December 31, 2019

Non-STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Heart Transplant +/- VAD	1	0	0.0%	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	100.0	100.0	14.0	14.0	0	0.0%	
Valve Other	1	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	14.0	14.0	0	0	0.0%	0.0%	
<b>Subtotal</b>	<b>2</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>50.0%</b>	<b>1</b>	<b>50.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>57.0</b>	<b>57.0</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>0.0%</b>	
<b>Adult Cardiac STS Total</b>	<b>2</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>50.0%</b>	<b>1</b>	<b>50.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>57.0</b>	<b>57.0</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>0.0%</b>	

Data is subject to correction

\*30-Day Readmissions reflect readmissions that occurred during the previous month

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED

Report data selected using discharge date

**Surgeon: R**
**All Adult Cardiac Surgery Outcomes**
**January 1, 2019 - December 31, 2019**

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	86	2	2.3%	5	5.8%	3	3.5%	0	0.0%	0	0.0%	0	0.0%	9.2	9.4	9.0	8.0	1	1.2%	1.3%
Isolated AVR	19	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6.3	8.2	6.0	6.0	0	0.0%	1.0%
AVR + CABG	8	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7.5	10.1	7.0	8.0	0	0.0%	3.3%
Isolated MVR	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	23.0	10.2	23.0	8.0	0	0.0%	5.1%
MVR + CABG	1	0	0.0%	1	100.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	37.0	12.0	37.0	9.0	0	0.0%	35.6%
Isolated MV Repair	7	1	0.0%	2	28.6%	3	42.9%	0	0.0%	0	0.0%	0	0.0%	18.0	6.6	5.0	5.0	0	0.0%	1.0%
MV Repair + CABG	4	0	25.0%	0	0.0%	1	25.0%	0	0.0%	0	0.0%	0	0.0%	11.0	7.1	10.0	6.0	0	0.0%	3.6%
<b>Subtotal</b>	<b>126</b>	<b>3</b>	<b>2.4%</b>	<b>8</b>	<b>6.3%</b>	<b>8</b>	<b>6.3%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>9.5</b>	<b>7.0</b>	<b>1</b>	<b>0.8%</b>			
<b>Non-STS Categories</b>																				
Heart Transplant +/-VAD	18	1	5.6%	2	11.1%	8	44.4%	1	5.6%	0	0.0%	0	0.0%	34.9	33.0	0	0.0%			
VAD +/- Other (No Transplant)	41	9	22.0%	12	29.3%	13	31.7%	3	7.3%	3	7.3%	0	0.0%	40.9	33.0	2	4.9%			
Aorta Surgery	65	3	4.6%	6	9.2%	7	10.8%	3	4.6%	0	0.0%	0	0.0%	11.2	8.0	3	4.6%			
Valve Other	28	1	3.6%	3	10.7%	6	21.4%	0	0.0%	0	0.0%	0	0.0%	15.3	9.0	0	0.0%			
CABG + Other w/o Valves	6	0	0.0%	1	16.7%	2	33.3%	1	16.7%	0	0.0%	0	0.0%	58.7	12.0	1	16.7%			
TAVR	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1.0	1.0	0	0.0%			
All Other Procedures (In STS)	39	0	0.0%	2	5.1%	9	23.1%	0	0.0%	1	2.6%	0	0.0%	12.2	8.0	1	2.6%			
<b>Subtotal</b>	<b>198</b>	<b>14</b>	<b>7.1%</b>	<b>26</b>	<b>13.1%</b>	<b>45</b>	<b>22.7%</b>	<b>8</b>	<b>4.0%</b>	<b>4</b>	<b>2.0%</b>	<b>0</b>	<b>0.0%</b>	<b>21.7</b>	<b>11.0</b>	<b>7</b>	<b>3.5%</b>			
<b>Adult Cardiac STS Total</b>	<b>324</b>	<b>17</b>	<b>5.2%</b>	<b>34</b>	<b>10.5%</b>	<b>53</b>	<b>16.4%</b>	<b>8</b>	<b>2.5%</b>	<b>4</b>	<b>1.2%</b>	<b>0</b>	<b>0.0%</b>	<b>16.9</b>	<b>9.0</b>	<b>8</b>	<b>2.5%</b>			

*Data is subject to correction*
*Report data selected using discharge date*
*\*30-Day Readmissions reflect readmissions that occurred during the previous month*
**PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED**

**Surgeon: S**
**All Adult Cardiac Surgery Outcomes**
**January 1, 2019 - December 31, 2019**

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	93	1	1.1%	5	5.4%	7	7.5%	1	1.1%	0	0.0%	0	0.0%	11.7	9.4	9.0	8.0	0	0.0%	1.2%
Isolated AVR	6	1	16.7%	1	16.7%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	8.2	8.2	66.0	6.0	0	0.0%	1.1%
AVR + CABG	12	0	0.0%	0	0.0%	2	16.7%	0	0.0%	0	0.0%	0	0.0%	12.3	10.1	7.0	8.0	0	0.0%	2.8%
Isolated MVR	1	0	0.0%	0	0.0%	1	100.0%	0	0.0%	0	0.0%	0	0.0%	17.0	10.2	11.0	8.0	0	0.0%	5.6%
MVR + CABG	3	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	18.7	12.0	16.0	9.0	0	0.0%	6.2%
Isolated MV Repair	4	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	12.5	6.6	5.0	5.0	0	0.0%	0.7%
MV Repair + CABG	6	0	0.0%	0	0.0%	2	33.3%	0	0.0%	0	0.0%	0	0.0%	16.5	7.1	10.0	6.0	0	0.0%	4.2%
AVR + MVR	2	1	50.0%	1	50.0%	0	0.0%	1	50.0%	0	0.0%	0	0.0%	27.0	14.0	0	0.0%	0	0.0%	
<b>Subtotal</b>	<b>127</b>	<b>3</b>	<b>2.4%</b>	<b>7</b>	<b>5.5%</b>	<b>12</b>	<b>9.4%</b>	<b>2</b>	<b>1.6%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>12.2</b>	<b>10.0</b>	<b>0</b>	<b>0.0%</b>			
<b>Non-STS Categories</b>																				
Aorta Surgery	8	0	0.0%	1	12.5%	1	12.5%	0	0.0%	0	0.0%	0	0.0%	10.6	8.0	0	0.0%			
Valve Other	9	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	14.8	9.0	0	0.0%			
CABG + Other w/o Valves	4	0	0.0%	0	0.0%	1	25.0%	0	0.0%	0	0.0%	0	0.0%	14.8	12.0	0	0.0%			
All Other Procedures (In STS)	2	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	12.0	8.0	0	0.0%			
<b>Subtotal</b>	<b>23</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>4.3%</b>	<b>2</b>	<b>8.7%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>13.1</b>	<b>11.0</b>	<b>0</b>	<b>0.0%</b>			
<b>Adult Cardiac STS Total</b>	<b>150</b>	<b>3</b>	<b>2.0%</b>	<b>8</b>	<b>5.3%</b>	<b>14</b>	<b>9.3%</b>	<b>2</b>	<b>1.3%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>12.3</b>	<b>10.0</b>	<b>0</b>	<b>0.0%</b>			

*Data is subject to correction*
*Report data selected using discharge date*
*\*30-Day Readmissions reflect readmissions that occurred during the previous month*
*PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED*

Surgeon: T

## All Adult Cardiac Surgery Outcomes

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	151	0	0.0%	1	0.7%	11	7.3%	0	0.0%	0	0.0%	0	0.0%	9.3	9.4	9.0	8.0	1	0.7%	1.0%
Isolated AVR	12	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6.8	8.2	6.0	6.0	0	0.0%	1.2%
AVR + CABG	6	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	6.7	10.1	7.0	8.0	0	0.0%	2.4%
Isolated MVR	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	5.0	10.2	5.0	8.0	0	0.0%	1.3%
AVR + MVR	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	19.0	19.0	19.0	0	0.0%	0.0%	0.0%
<b>Subtotal</b>	<b>171</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>0.6%</b>	<b>11</b>	<b>6.4%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>9.1</b>	<b>8.0</b>	<b>1</b>				
<b>Non-STS Categories</b>																				
Aorta Surgery	7	0	0.0%	2	28.6%	1	14.3%	0	0.0%	1	14.3%	0	0.0%	18.9	8.0	1	14.3%			
Valve Other	2	1	50.0%	1	50.0%	1	50.0%	0	0.0%	0	0.0%	0	0.0%	8.5	8.5	1	50.0%			
All Other Procedures (In STS)	2	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	12.5	12.5	12.5	0	0.0%		
<b>Subtotal</b>	<b>11</b>	<b>1</b>	<b>9.1%</b>	<b>3</b>	<b>27.3%</b>	<b>2</b>	<b>18.2%</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>9.1%</b>	<b>0</b>	<b>0.0%</b>	<b>15.8</b>	<b>9.0</b>	<b>2</b>	<b>18.2%</b>			
<b>Adult Cardiac STS Total</b>	<b>182</b>	<b>1</b>	<b>0.5%</b>	<b>4</b>	<b>2.2%</b>	<b>13</b>	<b>7.1%</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>0.5%</b>	<b>0</b>	<b>0.0%</b>	<b>9.5</b>	<b>8.0</b>	<b>3</b>	<b>1.6%</b>			

Data is subject to correction

\*30-Day Readmissions reflect readmissions that occurred during the previous month

Report data selected using discharge date

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED



Surgeon: W

**All Adult Cardiac Surgery Outcomes**

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	21	1	4.8%	2	9.5%	1	4.8%	0	0.0%	0	0.0%	0	0.0%	9.5	9.4	9.0	8.0	1	4.8%	1.1%
Isolated AVR	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7.0	8.2	7.0	6.0	0	0.0%	0.8%
AVR + MVR	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	7.0	7.0	7.0	0	0	0.0%	
<b>Subtotal</b>	<b>23</b>	<b>1</b>	<b>4.3%</b>	<b>2</b>	<b>8.7%</b>	<b>1</b>	<b>4.3%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>9.3</b>	<b>8.0</b>	<b>1</b>	<b>4.3%</b>			
<b>Adult Cardiac STS Total</b>	<b>23</b>	<b>1</b>	<b>4.3%</b>	<b>2</b>	<b>8.7%</b>	<b>1</b>	<b>4.3%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>9.3</b>	<b>8.0</b>	<b>1</b>	<b>4.3%</b>			

*Data is subject to correction*

*\*30-Day Readmissions reflect readmissions that occurred during the previous month*

*Report data selected using discharge date*

**PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED**

Surgeon: Y

## All Adult Cardiac Surgery Outcomes

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	108	0	0.0%	0	0.0%	4	3.7%	0	0.0%	0	0.0%	0	0.0%	11.1	9.4	9.0	8.0	0	0.0%	1.2%
Isolated AVR	24	0	0.0%	0	0.0%	1	4.2%	0	0.0%	0	0.0%	0	0.0%	8.6	8.2	6.0	6.0	0	0.0%	1.3%
AVR + CABG	16	2	12.5%	2	12.5%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	8.3	10.1	7.0	8.0	0	0.0%	4.6%
Isolated MVR	6	0	0.0%	0	0.0%	1	16.7%	0	0.0%	0	0.0%	0	0.0%	17.5	10.2	11.0	8.0	0	0.0%	4.8%
MVR + CABG	7	0	0.0%	0	0.0%	1	14.3%	0	0.0%	1	14.3%	0	0.0%	21.7	12.0	16.0	9.0	0	0.0%	10.8%
Isolated MV Repair	4	0	0.0%	0	0.0%	1	25.0%	0	0.0%	0	0.0%	0	0.0%	16.3	6.6	5.0	5.0	0	0.0%	2.0%
MV Repair + CABG	22	1	4.5%	2	9.1%	1	4.5%	0	0.0%	2	9.1%	0	0.0%	17.4	7.1	10.0	6.0	0	0.0%	4.4%
AVR + MVR	3	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	14.7	14.0	14.0	0	0	0.0%	
<b>Subtotal</b>	<b>190</b>	<b>3</b>	<b>1.6%</b>	<b>4</b>	<b>2.1%</b>	<b>9</b>	<b>4.7%</b>	<b>0</b>	<b>0.0%</b>	<b>3</b>	<b>1.6%</b>	<b>0</b>	<b>0.0%</b>	<b>12.1</b>	<b>10.0</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	
<b>Non-STS Categories</b>																				
VAD +/- Other (No Transplant)	4	1	25.0%	3	75.0%	2	50.0%	1	25.0%	0	0.0%	0	0.0%	29.0	33.0	0	0.0%			
Aorta Surgery	83	5	6.0%	9	10.8%	18	21.7%	1	1.2%	7	8.4%	0	0.0%	13.4	8.0	2	2.4%			
Valve Other	21	0	0.0%	1	4.8%	1	4.8%	0	0.0%	1	4.8%	0	0.0%	18.1	9.0	0	0.0%			
CABG + Other w/o Valves	6	0	0.0%	0	0.0%	2	33.3%	0	0.0%	1	16.7%	0	0.0%	12.5	12.0	0	0.0%			
Septal Myectomy	2	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	17.5	6.0	0	0.0%			
TAVR	12	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	4.8	1.0	0	0.0%			
All Other Procedures (In STS)	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	19.0	8.0	0	0.0%			
<b>Subtotal</b>	<b>129</b>	<b>6</b>	<b>4.7%</b>	<b>13</b>	<b>10.1%</b>	<b>23</b>	<b>17.8%</b>	<b>2</b>	<b>1.6%</b>	<b>9</b>	<b>7.0%</b>	<b>0</b>	<b>0.0%</b>	<b>13.9</b>	<b>11.0</b>	<b>2</b>	<b>1.6%</b>	<b></b>	<b></b>	<b></b>
<b>Adult Cardiac STS Total</b>	<b>319</b>	<b>9</b>	<b>2.8%</b>	<b>17</b>	<b>5.3%</b>	<b>32</b>	<b>10.0%</b>	<b>2</b>	<b>0.6%</b>	<b>12</b>	<b>3.8%</b>	<b>0</b>	<b>0.0%</b>	<b>12.8</b>	<b>11.0</b>	<b>2</b>	<b>0.6%</b>	<b></b>	<b></b>	<b></b>

Data is subject to correction

Report data selected using discharge date

\*30-Day Readmissions reflect readmissions that occurred during the previous month

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED



Surgeon: Z

## All Adult Cardiac Surgery Outcomes

January 1, 2019 - December 31, 2019

STS Categories	Total Patients	Reop for Bleeding	Reop Bleeding %	Reop Any STS	Reop Any %	Prolonged Vent	Prolonged Vent %	Renal Failure	Renal Failure %	Stroke	Stroke %	DSW	DSW Infection %	Means HLOS Days	STS Mean HLOS Days	Median HLOS Days	STS Median HLOS Days	Operative Mortality	Operative Mortality %	Predicted Mortality
Isolated CABG	2	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	18.5	9.4	18.5	8.0	0	0.0%	1.1%
Isolated AVR	4	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	5.5	8.2	6.0	6.0	0	0.0%	1.1%
Isolated MVR	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	10.0	10.2	10.0	8.0	0	0.0%	1.2%
Isolated MV Repair	4	0	0.0%	1	25.0%	1	25.0%	0	0.0%	0	0.0%	0	0.0%	23.0	6.6	5.0	5.0	0	0.0%	1.1%
MV Repair + CABG	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	14.0	7.1	14.0	6.0	0	0.0%	2.4%
<b>Subtotal</b>	<b>12</b>	<b>0</b>	<b>0.0%</b>	<b>1</b>	<b>8.3%</b>	<b>1</b>	<b>8.3%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>14.6</b>	<b>9.5</b>	<b>0</b>	<b>0.0%</b>			
<b>Non-STS Categories</b>																				
Heart Transplant +/- VAD	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	23.0	23.0	23.0	0	0.0%		
Aorta Surgery	14	1	7.1%	2	14.3%	2	14.3%	0	0.0%	0	0.0%	0	0.0%	13.6	8.0	8.0	1	7.1%		
Valve Other	32	1	3.1%	2	6.3%	3	9.4%	2	6.3%	0	0.0%	0	0.0%	17.4	9.0	9.0	0	0.0%		
CABG + Other w/o Valves	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	40.0	40.0	40.0	0	0.0%		
Septal Myectomy	1	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	3.0	3.0	3.0	0	0.0%		
All Other Procedures (In STS)	7	1	14.3%	1	14.3%	1	14.3%	0	0.0%	0	0.0%	0	0.0%	13.7	8.0	8.0	0	0.0%		
<b>Subtotal</b>	<b>56</b>	<b>3</b>	<b>5.4%</b>	<b>5</b>	<b>8.9%</b>	<b>6</b>	<b>10.7%</b>	<b>2</b>	<b>3.6%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>16.2</b>	<b>8.0</b>	<b>1</b>	<b>1.8%</b>			
<b>Adult Cardiac STS Total</b>	<b>68</b>	<b>3</b>	<b>4.4%</b>	<b>6</b>	<b>8.8%</b>	<b>7</b>	<b>10.3%</b>	<b>2</b>	<b>2.9%</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0.0%</b>	<b>15.9</b>	<b>8.5</b>	<b>1</b>	<b>1.5%</b>			

Data is subject to correction

Report data selected using discharge date

\*30-Day Readmissions reflect readmissions that occurred during the previous month

PROCEDURE CATEGORIES WITH NO VOLUMES WILL NOT BE DISPLAYED