

SurgYear=2021

Procedure / Outcomes	O/E Ratio Multiplier

Isolated CAB	
In-hospital Mortality	0.97
Operative Mortality	0.74
Complication: Reoperation	0.84
Complication: Permanent Stroke	0.89
Complication: Renal Failure	0.82
Complication: Deep Sternal Wound Infx	0.69
Complication: Prolonged Ventilation	1.17
Combined Morbidity/Operative Mortality	1.09
Length of Stay: Short	1.04
Length of Stay: Long	0.85
AVR	
In-hospital Mortality	1.12
Operative Mortality	0.81
MVR	
In-hospital Mortality	0.98
Operative Mortality	0.83
AVR+CAB	
In-hospital Mortality	1.06
Operative Mortality	0.83
MVR+CAB	
In-hospital Mortality	0.82
Operative Mortality	0.73
MVP	
In-hospital Mortality	1.14
Operative Mortality	0.90
MVP+CAB	
In-hospital Mortality	1.06
Operative Mortality	0.88
Major Procedures	
In-hospital Mortality	0.98
Operative Mortality	0.77

SurgYear=2022

Procedure / Outcomes	O/E Ratio Multiplier

Isolated CAB	
In-hospital Mortality	0.95
Operative Mortality	0.73
Complication: Reoperation	0.84
Complication: Permanent Stroke	0.87
Complication: Renal Failure	0.83
Complication: Deep Sternal Wound Infx	0.76
Complication: Prolonged Ventilation	1.20
Combined Morbidity/Operative Mortality	1.11
Length of Stay: Short	1.07
Length of Stay: Long	0.81
AVR	
In-hospital Mortality	1.07
Operative Mortality	0.81
MVR	
In-hospital Mortality	0.98
Operative Mortality	0.83
AVR+CAB	
In-hospital Mortality	1.06
Operative Mortality	0.84
MVR+CAB	
In-hospital Mortality	0.81
Operative Mortality	0.70
MVP	
In-hospital Mortality	1.02
Operative Mortality	0.83
MVP+CAB	
In-hospital Mortality	0.71
Operative Mortality	0.61
Major Procedures	
In-hospital Mortality	0.95
Operative Mortality	0.75

SurgYear=2023

Procedure / Outcomes	O/E Ratio Multiplier

Isolated CAB	
In-hospital Mortality	1.04
Operative Mortality	0.78
Complication: Reoperation	0.86
Complication: Permanent Stroke	0.97
Complication: Renal Failure	0.86
Complication: Deep Sternal Wound Infx	1.04
Complication: Prolonged Ventilation	1.30
Combined Morbidity/Operative Mortality	1.19
Length of Stay: Short	1.06
Length of Stay: Long	0.83
AVR	
In-hospital Mortality	1.24
Operative Mortality	0.91
MVR	
In-hospital Mortality	1.15
Operative Mortality	0.94
AVR+CAB	
In-hospital Mortality	1.19
Operative Mortality	0.92
MVR+CAB	
In-hospital Mortality	0.87
Operative Mortality	0.79
MVP	
In-hospital Mortality	0.88
Operative Mortality	0.74
MVP+CAB	
In-hospital Mortality	0.92
Operative Mortality	0.80
Major Procedures	
In-hospital Mortality	1.05
Operative Mortality	0.81