

**Table 1. Observed/Expected Ratio Multipliers for Recalibration**

<b>Procedure / Outcome</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>
<b>Isolated CABG</b>			
Operative Mortality	0.776	0.806	0.806
In-hospital Mortality	1.042	1.079	1.111
Morbidity: Permanent Stroke	0.915	0.895	0.944
Morbidity: Renal Failure	0.861	0.841	0.840
Morbidity: Prolonged Ventilation	1.257	1.308	1.360
Morbidity: Deep Sternal Wound Infection	0.878	0.924	0.917
Morbidity: Any Re-Operation	0.837	0.822	0.785
Morbidity: Combined Morbidity/Mortality Outcomes	1.155	1.178	1.196
Morbidity: PLOS > 14 days	0.821	0.799	0.819
Morbidity: PLOS < 6 days	1.058	1.072	1.072
<b>Isolated AV Replacement</b>			
Operative Mortality	0.886	0.908	0.809
In-hospital Mortality	1.194	1.207	1.145
<b>Isolated MV Replacement</b>			
Operative Mortality	0.883	0.89	0.895
In-hospital Mortality	1.067	1.041	1.050
<b>AV Replacement + CABG</b>			
Operative Mortality	0.895	0.948	0.993
In-hospital Mortality	1.119	1.215	1.183
<b>MV Replacement + CABG</b>			
Operative Mortality	0.805	0.740	0.767
In-hospital Mortality	0.941	0.883	0.896
<b>Isolated MV Repair</b>			
Operative Mortality	0.894	0.958	1.042
In-hospital Mortality	1.199	1.170	1.286
<b>MV Repair + CABG</b>			
Operative Mortality	0.733	0.914	0.766
In-hospital Mortality	0.860	1.075	0.922

**Table 2. STS Event Rates (%)**

<b>Procedure / Outcome</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>
<b>Isolated CABG</b>			
Operative Mortality	2.197	2.082	2.047
In-hospital Mortality	1.636	1.554	1.484
Morbidity: Permanent Stroke	1.276	1.296	1.223
Morbidity: Renal Failure	1.963	1.985	1.946
Morbidity: Prolonged Ventilation	5.764	5.478	5.164
Morbidity: Deep Sternal Wound Infection	0.26	0.245	0.245
Morbidity: Any Re-Operation	2.537	2.581	2.697
Morbidity: Combined Morbidity/Mortality Outcomes	9.462	9.192	8.906
Morbidity: PLOS < 6 days	47.097	46.577	46.719
Morbidity: PLOS > 14 days	5.4	5.489	5.301
<b>Isolated AV Replacement</b>			
Operative Mortality	2.083	1.939	2.179
In-hospital Mortality	1.546	1.459	1.539
<b>Isolated MV Replacement</b>			
Operative Mortality	4.916	4.924	4.868
In-hospital Mortality	4.070	4.211	4.147
<b>AV Replacement + CABG</b>			
Operative Mortality	3.846	3.61	3.671
In-hospital Mortality	3.078	2.815	2.894
<b>MV Replacement + CABG</b>			
Operative Mortality	9.469	10.494	9.965
In-hospital Mortality	8.11	8.788	8.513
<b>Isolated MV Repair</b>			
Operative Mortality	0.997	0.946	0.879
In-hospital Mortality	0.744	0.774	0.712
<b>MV Repair + CABG</b>			
Operative Mortality	5.243	4.187	4.931
In-hospital Mortality	4.469	3.558	4.094
<b>AV Replace + MV Replace/Repair</b>			
Operative Mortality	6.823	7.907	8.113

In-hospital Mortality	5.789	6.970	6.481
<i>AV Replace + MV Replace/Repair + CABG</i>			
Operative Mortality	12.987	13.126	11.111
In-hospital Mortality	11.433	11.573	9.932