

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

<b>Procedure / Outcome</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
<b>Isolated CABG</b>			
Operative Mortality	0.734	0.728	0.780
In-hospital Mortality	0.969	0.954	1.059
Morbidity: Permanent Stroke	0.886	0.870	0.944
Morbidity: Renal Failure	0.817	0.824	0.867
Morbidity: Prolonged Ventilation	1.164	1.195	1.270
Morbidity: Deep Sternal Wound Infection	0.682	0.756	1.020
Morbidity: Any Re-Operation	0.834	0.839	0.833
Morbidity: Combined Morbidity/Mortality Outcomes	1.087	1.107	1.162
Morbidity: PLOS > 14 days	0.847	0.810	0.825
Morbidity: PLOS < 6 days	1.039	1.064	1.059
<b>Isolated AV Replacement</b>			
Operative Mortality	0.801	0.812	0.966
In-hospital Mortality	1.115	1.076	1.303
<b>Isolated MV Replacement</b>			
Operative Mortality	0.828	0.823	0.906
In-hospital Mortality	0.979	0.983	1.091
<b>AV Replacement + CABG</b>			
Operative Mortality	0.835	0.840	0.900
In-hospital Mortality	1.061	1.059	1.127
<b>MV Replacement + CABG</b>			
Operative Mortality	0.728	0.700	0.809
In-hospital Mortality	0.824	0.803	0.940
<b>Isolated MV Repair</b>			
Operative Mortality	0.902	0.821	0.854
In-hospital Mortality	1.151	1.023	1.162
<b>MV Repair + CABG</b>			
Operative Mortality	0.887	0.611	0.697
In-hospital Mortality	1.073	0.708	0.816

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

<b>Procedure / Outcome</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
<b>Isolated CABG</b>			
Operative Mortality	2.477	2.403	2.183
In-hospital Mortality	1.882	1.839	1.617
Morbidity: Permanent Stroke	1.358	1.351	1.236
Morbidity: Renal Failure	2.209	2.136	1.963
Morbidity: Prolonged Ventilation	6.606	6.224	5.723
Morbidity: Deep Sternal Wound Infection	0.342	0.307	0.225
Morbidity: Any Re-Operation	2.589	2.547	2.548
Morbidity: Combined Morbidity/Mortality Outcomes	10.548	10.092	9.423
Morbidity: PLOS < 6 days	47.448	46.571	47.023
Morbidity: PLOS > 14 days	5.490	5.599	5.398
<b>Isolated AV Replacement</b>			
Operative Mortality	2.321	2.208	1.885
In-hospital Mortality	1.674	1.669	1.400
<b>Isolated MV Replacement</b>			
Operative Mortality	5.359	5.368	4.828
In-hospital Mortality	4.541	4.498	4.017
<b>AV Replacement + CABG</b>			
Operative Mortality	4.336	4.191	3.792
In-hospital Mortality	3.422	3.326	3.039
<b>MV Replacement + CABG</b>			
Operative Mortality	11.381	11.516	9.347
In-hospital Mortality	10.075	10.039	8.052
<b>Isolated MV Repair</b>			
Operative Mortality	1.116	1.147	1.029
In-hospital Mortality	0.876	0.921	0.760
<b>MV Repair + CABG</b>			
Operative Mortality	4.649	6.681	5.407
In-hospital Mortality	3.858	5.772	4.644