

Table 1. Observed/Expected Ratio Multipliers for Recalibration

Procedure / Outcome	2023	2024	2025
Isolated CABG			
Operative Mortality	0.776	0.806	0.812
In-hospital Mortality	1.042	1.080	1.104
Morbidity: Permanent Stroke	0.915	0.895	0.940
Morbidity: Renal Failure	0.861	0.842	0.832
Morbidity: Prolonged Ventilation	1.257	1.309	1.364
Morbidity: Deep Sternal Wound Infection	0.878	0.924	0.909
Morbidity: Any Re-Operation	0.837	0.822	0.780
Morbidity: Combined Morbidity/Mortality Outcomes	1.155	1.178	1.200
Morbidity: PLOS > 14 days	0.822	0.799	0.816
Morbidity: PLOS < 6 days	1.058	1.072	1.074
Isolated AV Replacement			
Operative Mortality	0.886	0.911	0.843
In-hospital Mortality	1.194	1.207	1.152
Isolated MV Replacement			
Operative Mortality	0.883	0.890	0.872
In-hospital Mortality	1.066	1.041	1.018
AV Replacement + CABG			
Operative Mortality	0.896	0.948	0.904
In-hospital Mortality	1.120	1.216	1.168
MV Replacement + CABG			
Operative Mortality	0.806	0.740	0.767
In-hospital Mortality	0.941	0.884	0.887
Isolated MV Repair			
Operative Mortality	0.894	0.958	1.023
In-hospital Mortality	1.199	1.170	1.271
MV Repair + CABG			
Operative Mortality	0.733	0.913	0.783
In-hospital Mortality	0.860	1.075	0.980

Table 2. STS Event Rates (%)

Procedure / Outcome	2023	2024	2025
Isolated CABG			
Operative Mortality	2.198	2.080	2.018
In-hospital Mortality	1.636	1.554	1.484
Morbidity: Permanent Stroke	1.275	1.296	1.223
Morbidity: Renal Failure	1.963	1.983	1.952
Morbidity: Prolonged Ventilation	5.763	5.474	5.128
Morbidity: Deep Sternal Wound Infection	0.260	0.245	0.246
Morbidity: Any Re-Operation	2.536	2.582	2.714
Morbidity: Combined Morbidity/Mortality Outcomes	9.460	9.186	8.850
Morbidity: PLOS < 6 days	47.097	46.576	46.726
Morbidity: PLOS > 14 days	5.399	5.491	5.295
Isolated MV Replacement			
Operative Mortality	2.082	1.933	2.078
In-hospital Mortality	1.545	1.458	1.520
AV Replacement + CABG			
Operative Mortality	3.844	3.607	3.754
In-hospital Mortality	3.076	2.813	2.905
MV Replacement + CABG			
Operative Mortality	9.466	10.497	10.035
In-hospital Mortality	8.107	8.791	8.668
Isolated MV Repair			
Operative Mortality	0.997	0.945	0.871
In-hospital Mortality	0.744	0.774	0.700
MV Repair + CABG			
Operative Mortality	5.245	4.189	4.767
In-hospital Mortality	4.471	3.560	3.810
AV Replace + MV Replace/Repair			
Operative Mortality	6.828	7.915	8.200

In-hospital Mortality	5.793	6.977	6.738
<i>AV Replace + MV Replace/Repair + CABG</i>			
Operative Mortality	13.007	13.106	11.335
In-hospital Mortality	11.450	11.556	10.178