

STS National Database Spring 2003 Executive Summary– Contents



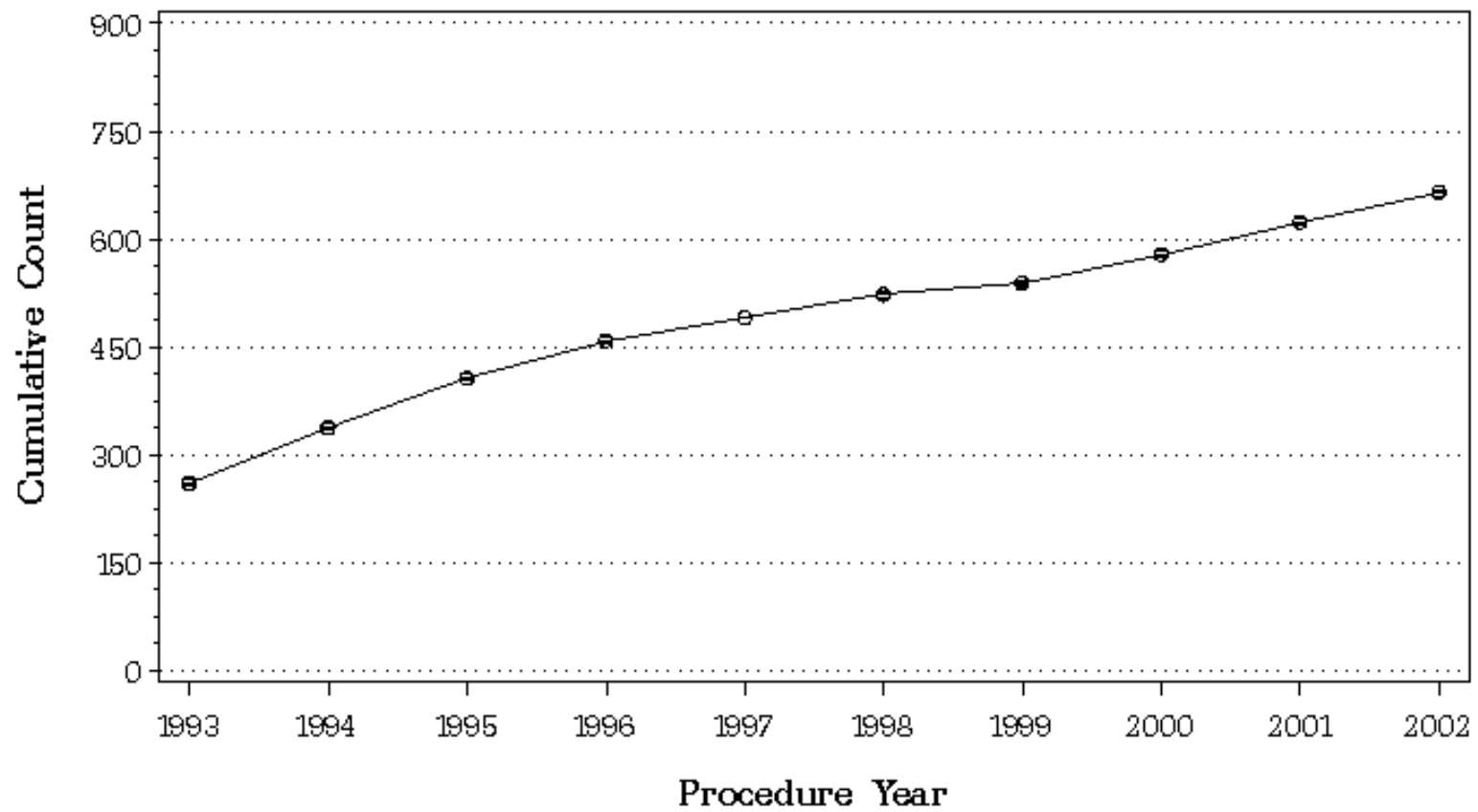
- 1: Cumulative Number of Participating Sites
- 2: Cumulative Number of Procedures Performed
- 3: Cumulative Number of Isolated CAB Procedures Performed
- 4: Unadjusted Isolated CAB Operative Mortality
- 5: Risk-Adjusted Isolated CAB Operative Mortality
- 6: Post-Procedure Length of Stay for Isolated CAB Procedures
- 7: Cumulative Number of Aortic Valve Procedures Performed
- 8: Unadjusted Aortic Valve Operative Mortality
- 9: Risk-Adjusted Aortic Valve Operative Mortality
- 10: Mean Post-Procedure Length of Stay for Aortic Valve Procedures
- 11: Cumulative Number of Mitral Valve Procedures Performed
- 12: Unadjusted Mitral Valve Operative Mortality
- 13: Risk-Adjusted Mitral Valve Operative Mortality
- 14: Mean Post-Procedure Length of Stay for Mitral Valve Procedures
- 15: Cumulative Number of Other Cardiac Procedures Performed
- 16: Unadjusted Other Cardiac Operative Mortality
- 17: Mean Post-Procedure Length of Stay for Other Cardiac Procedures
- 18: Cumulative Number of Other Non-Cardiac Procedures Performed
- 19: Unadjusted Other Non-Cardiac Operative Mortality
- 20: Mean Post-Procedure Length of Stay for Other Non-Cardiac Procedures

Table 1 - Jan 1993 to Dec 2002 Procedure Distribution

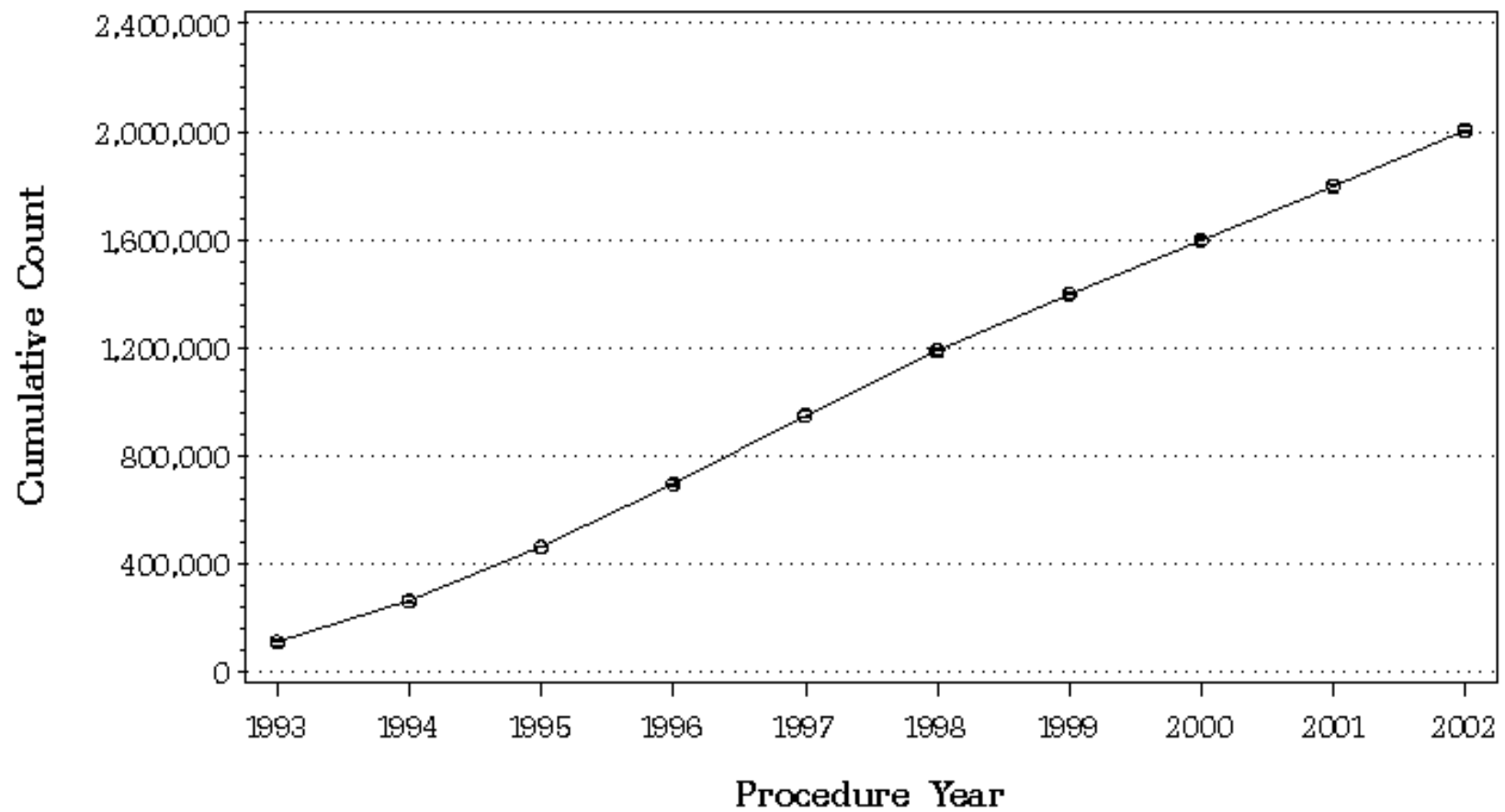
- Yearly Number of Sites in Analysis
- Yearly Overall Procedure Counts
- Major Procedure Distribution
- Other Procedure Distribution



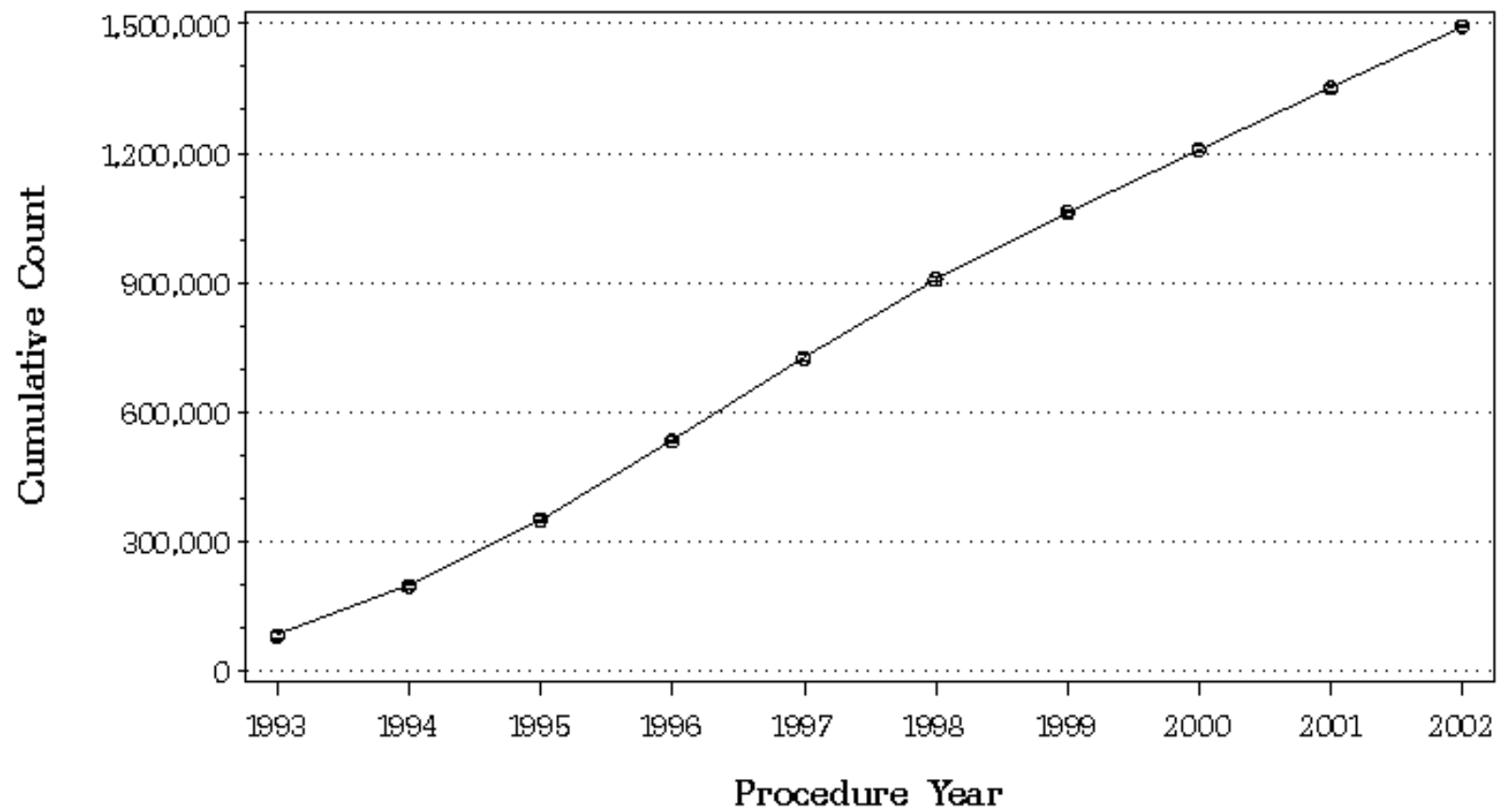
Number of Participating Sites Over Last 10 Years



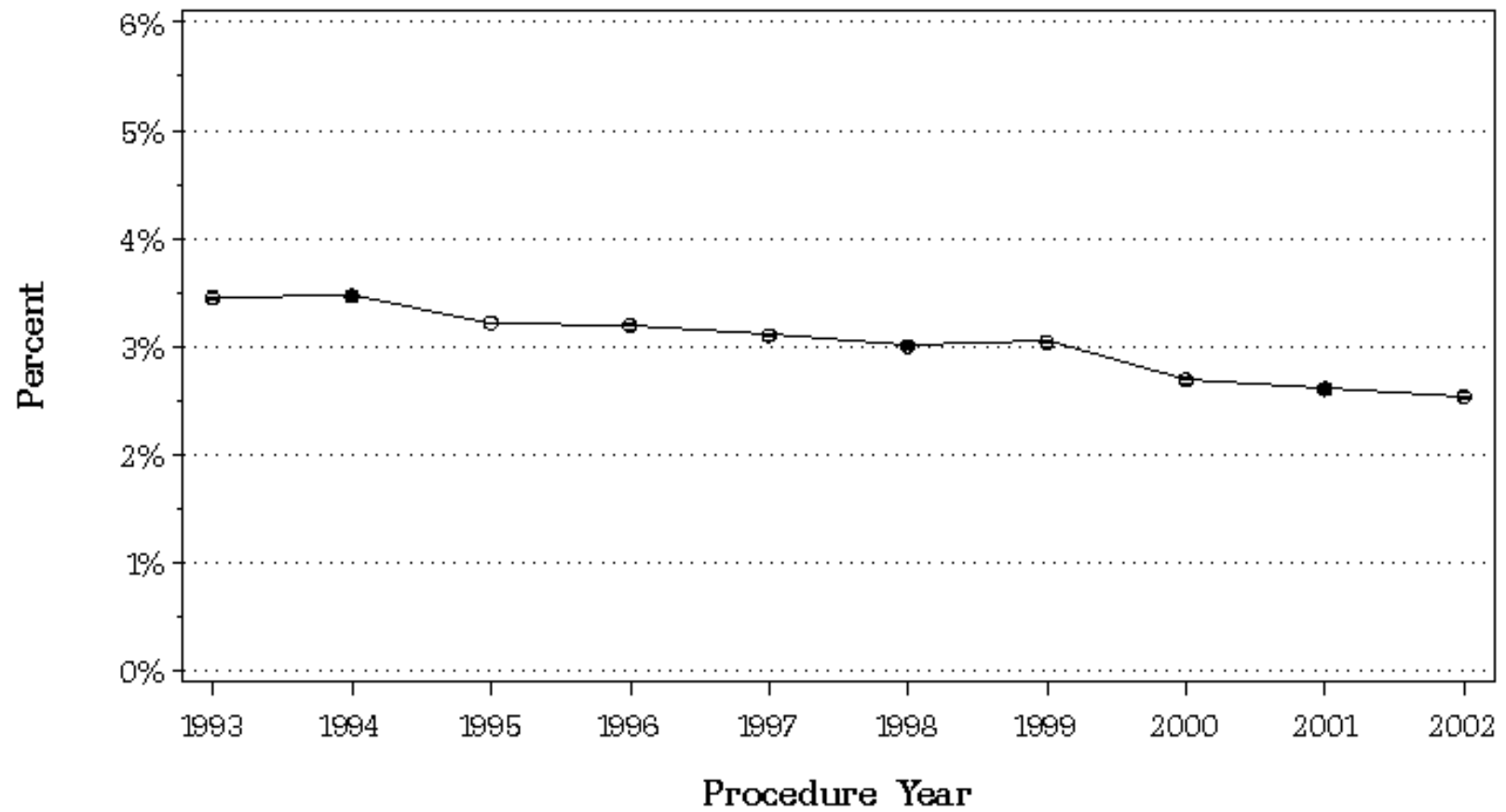
Number of Procedures Performed Over Last 10 Years



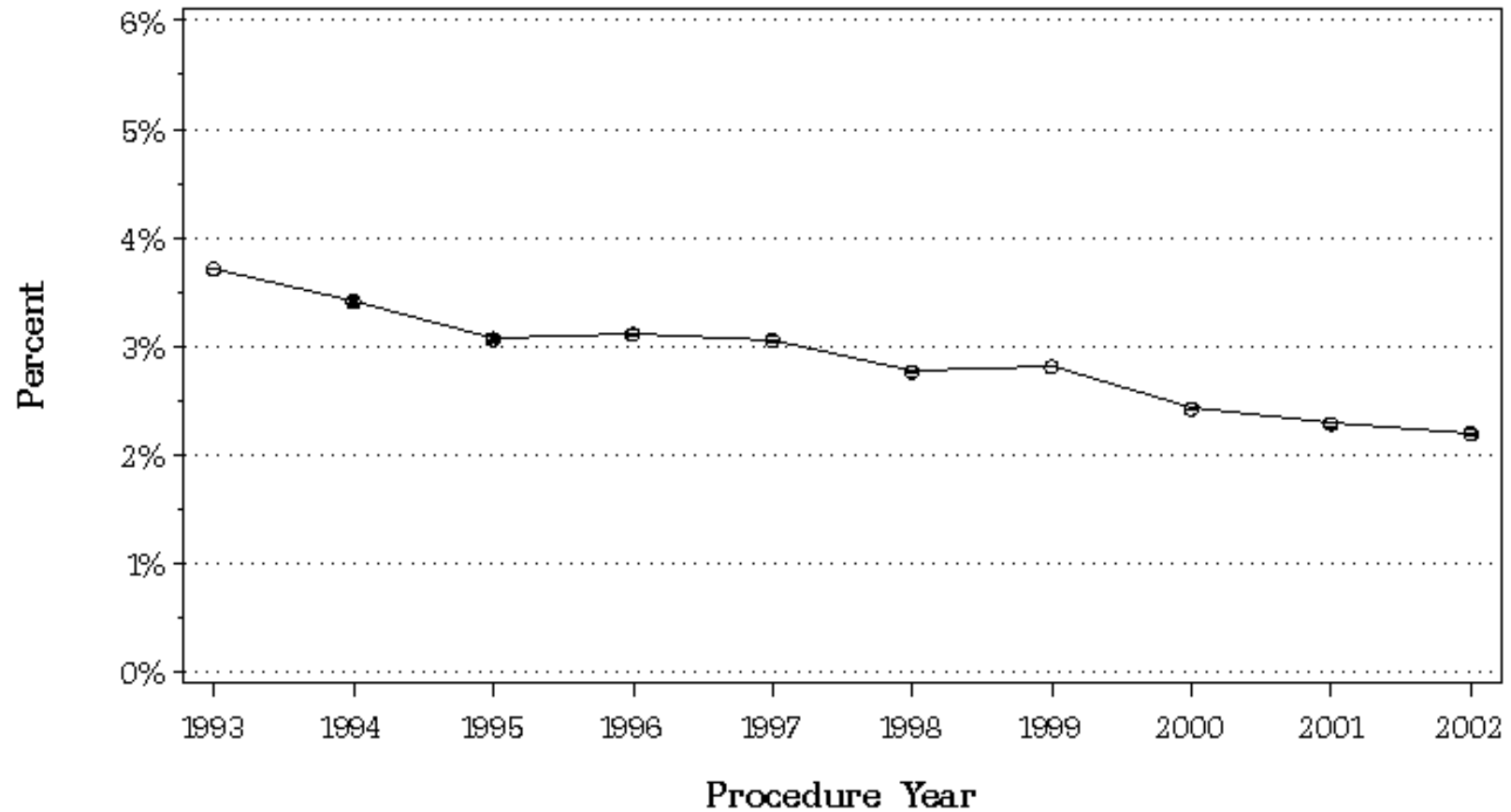
Number of Isolated CAB Procedures Performed Over Last 10 Years



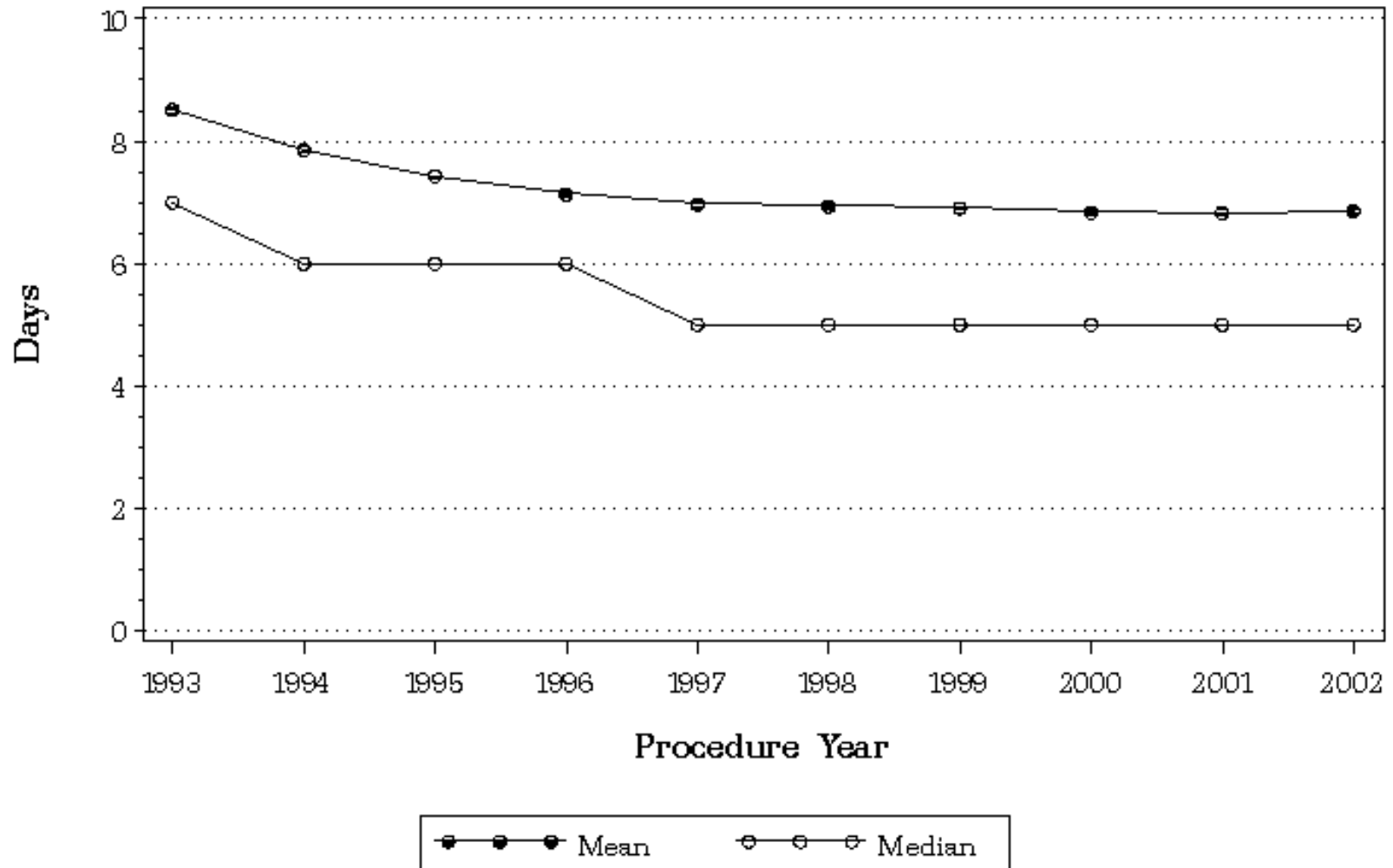
Unadjusted Isolated CAB Operative Mortality



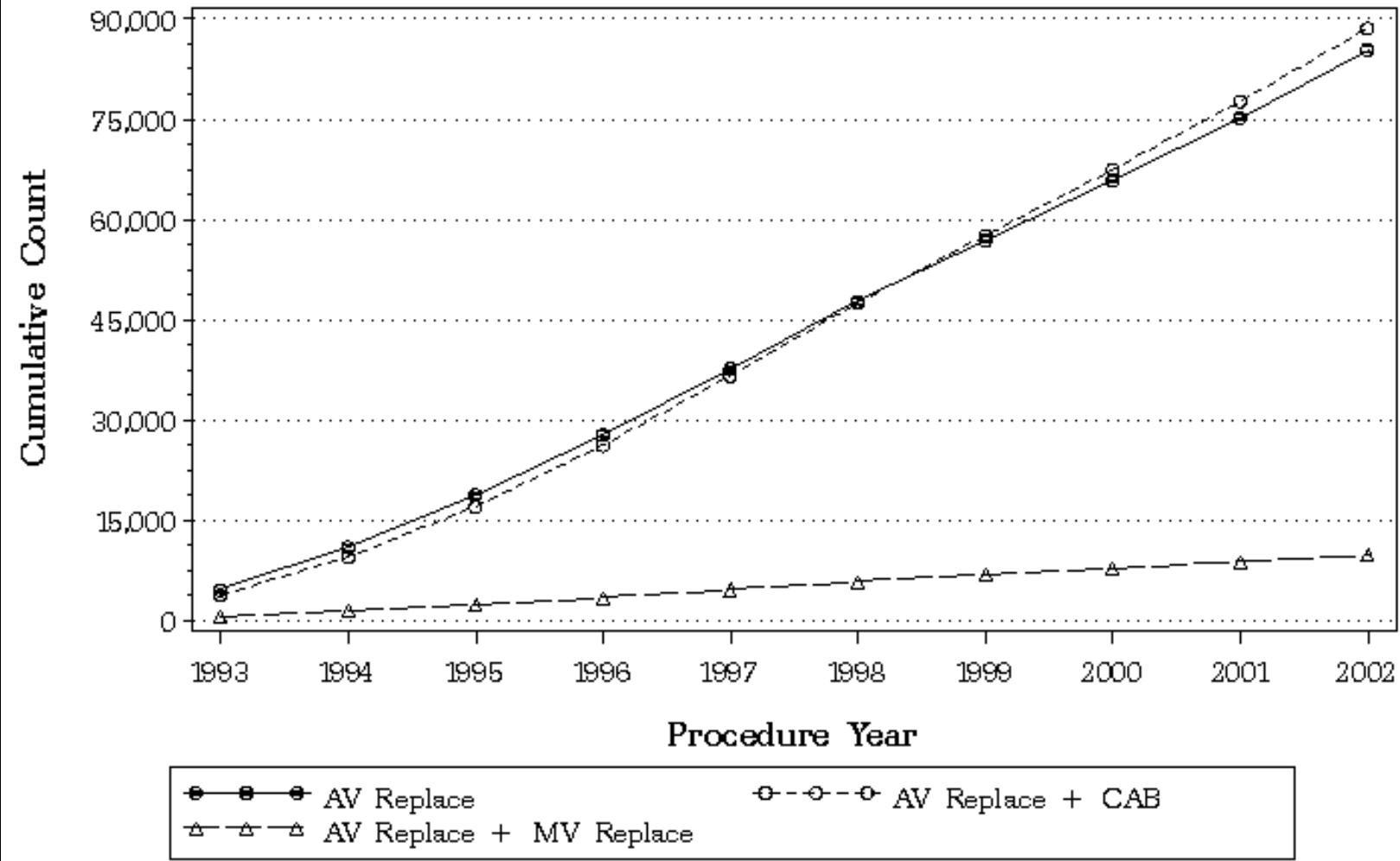
Risk-Adjusted Isolated CAB Operative Mortality



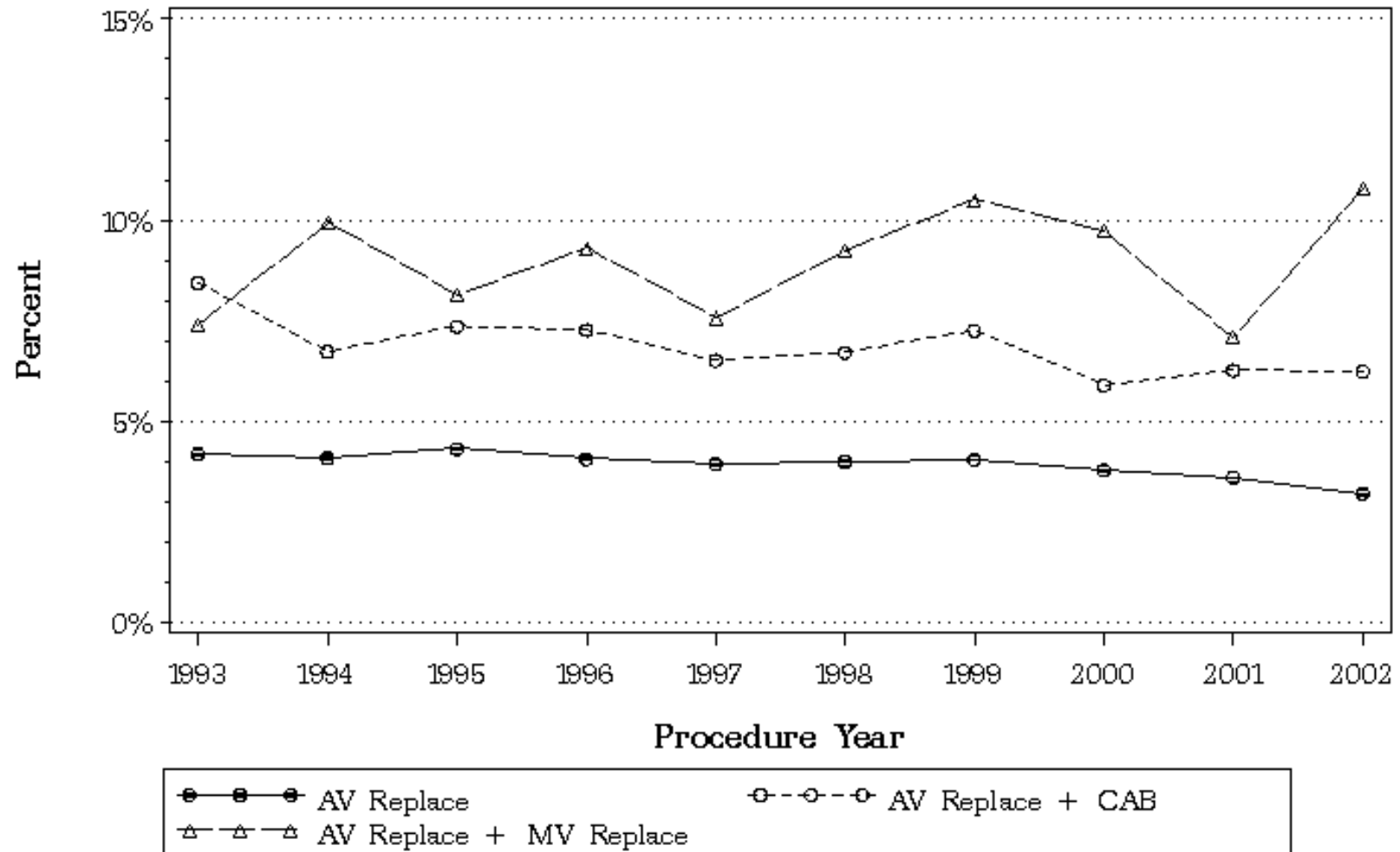
Post-Procedure Length of Stay for Isolated CAB Procedures



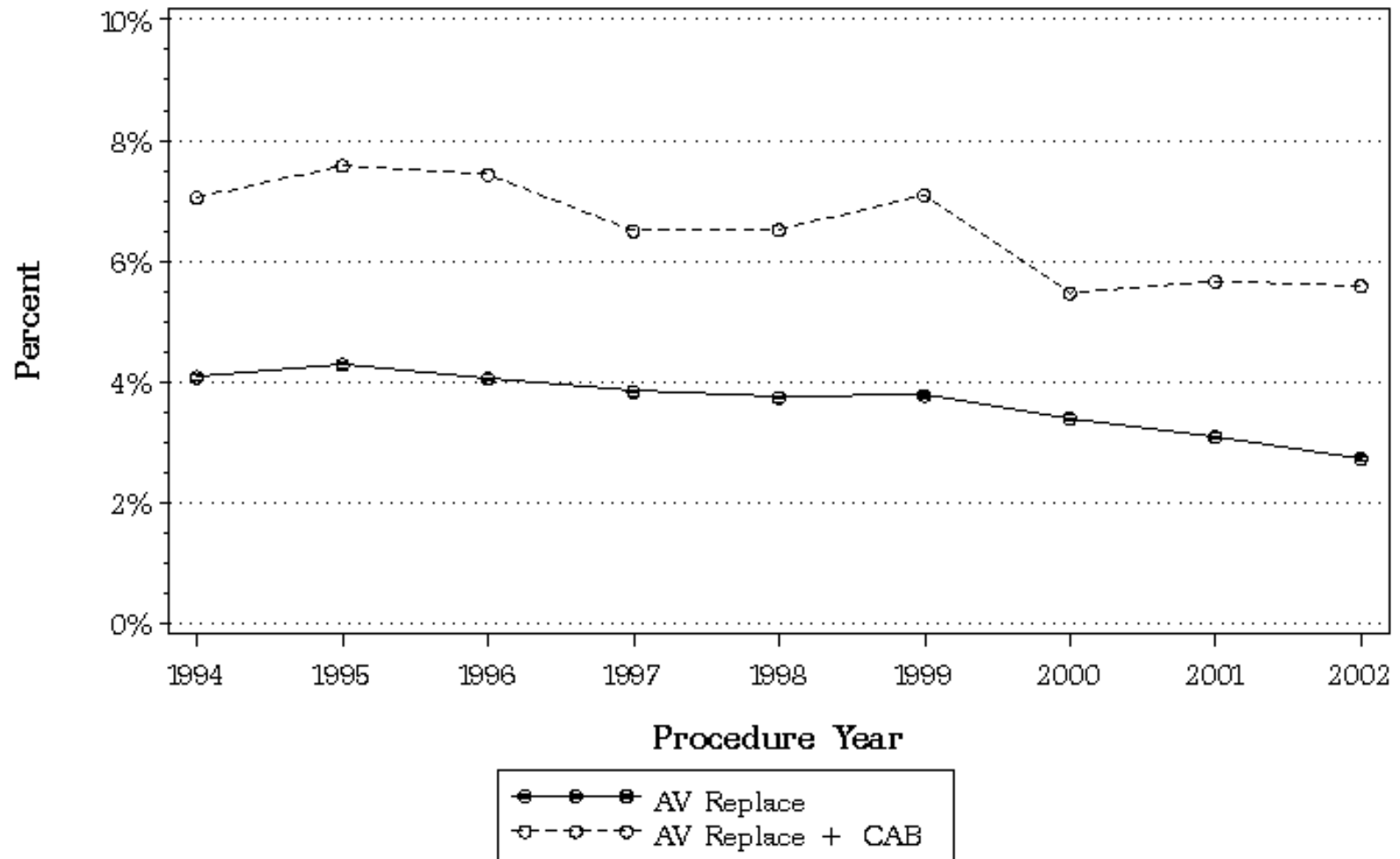
Number of Aortic Valve Procedures Performed Over Last 10 Years



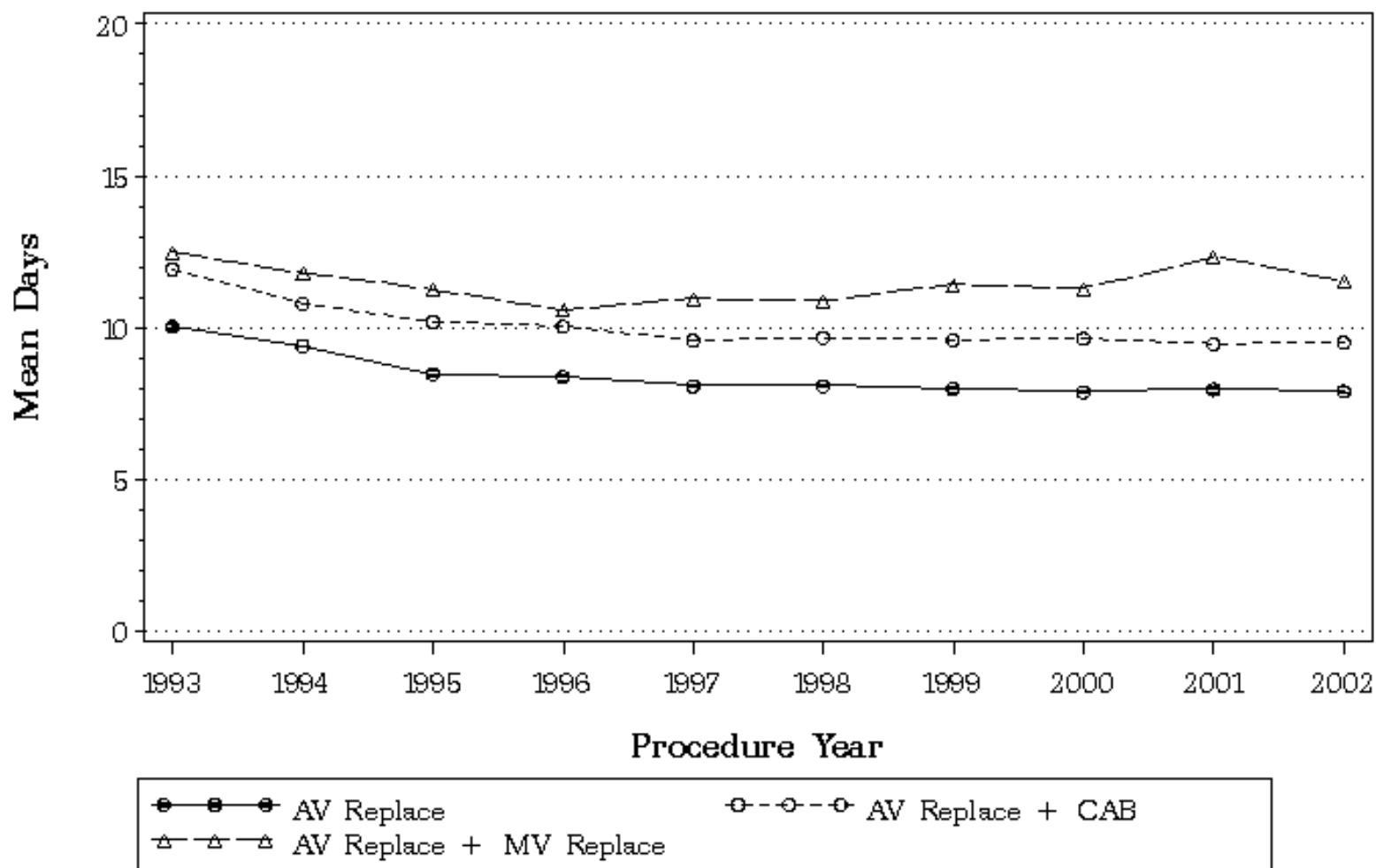
Unadjusted Aortic Valve Operative Mortality



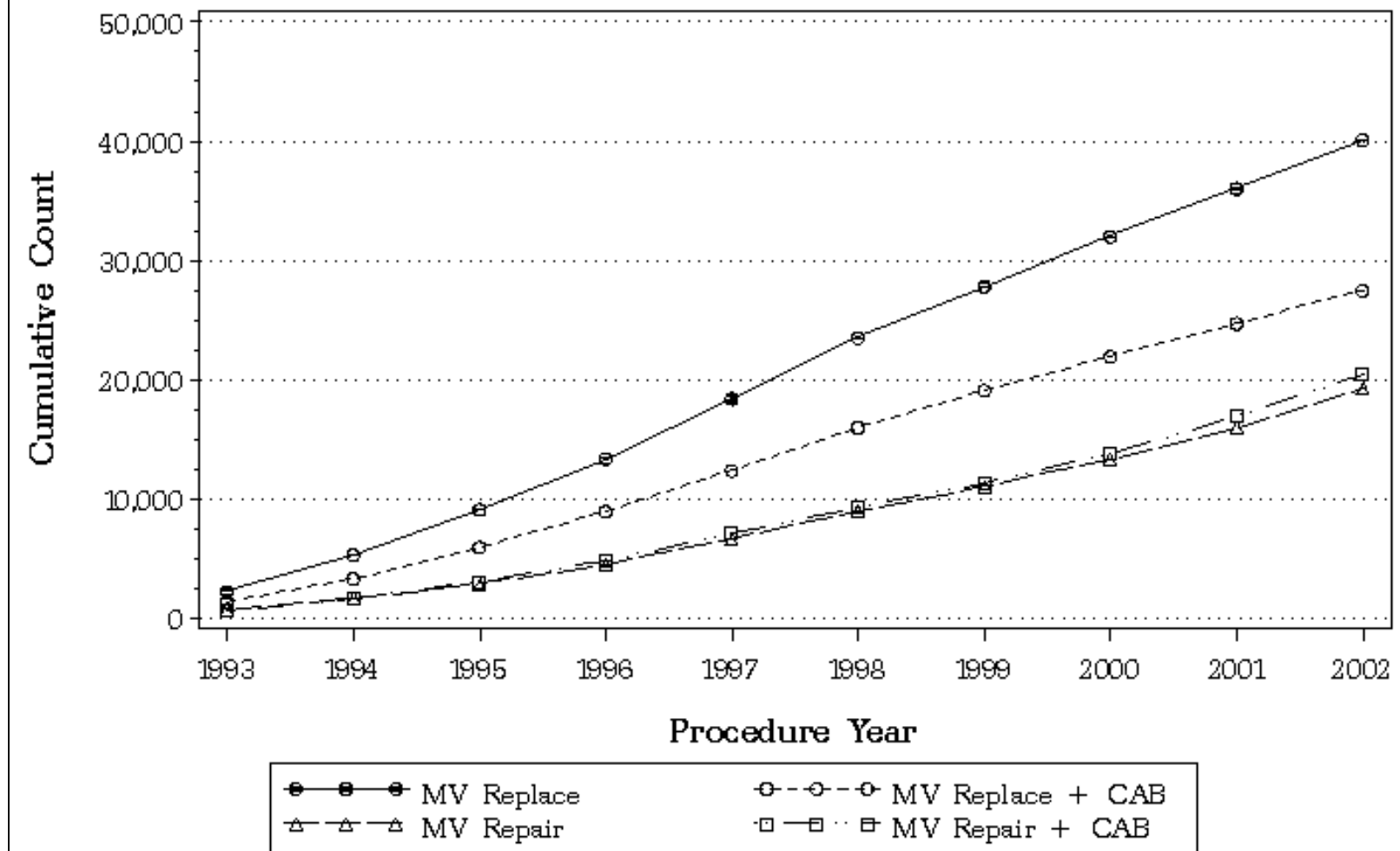
Risk-Adjusted Aortic Valve Operative Mortality



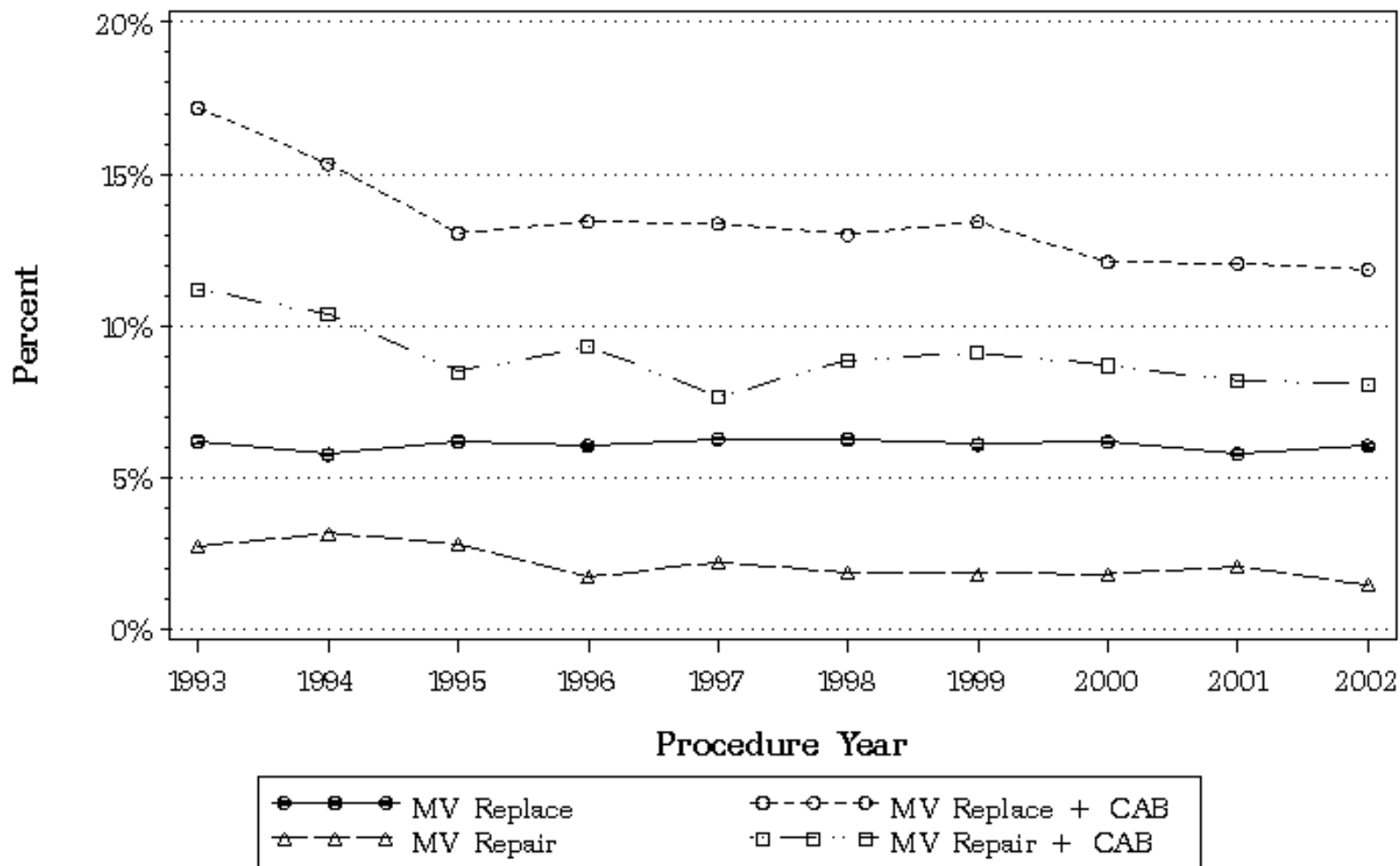
Mean Post-Procedure Length of Stay for Aortic Valve Procedures



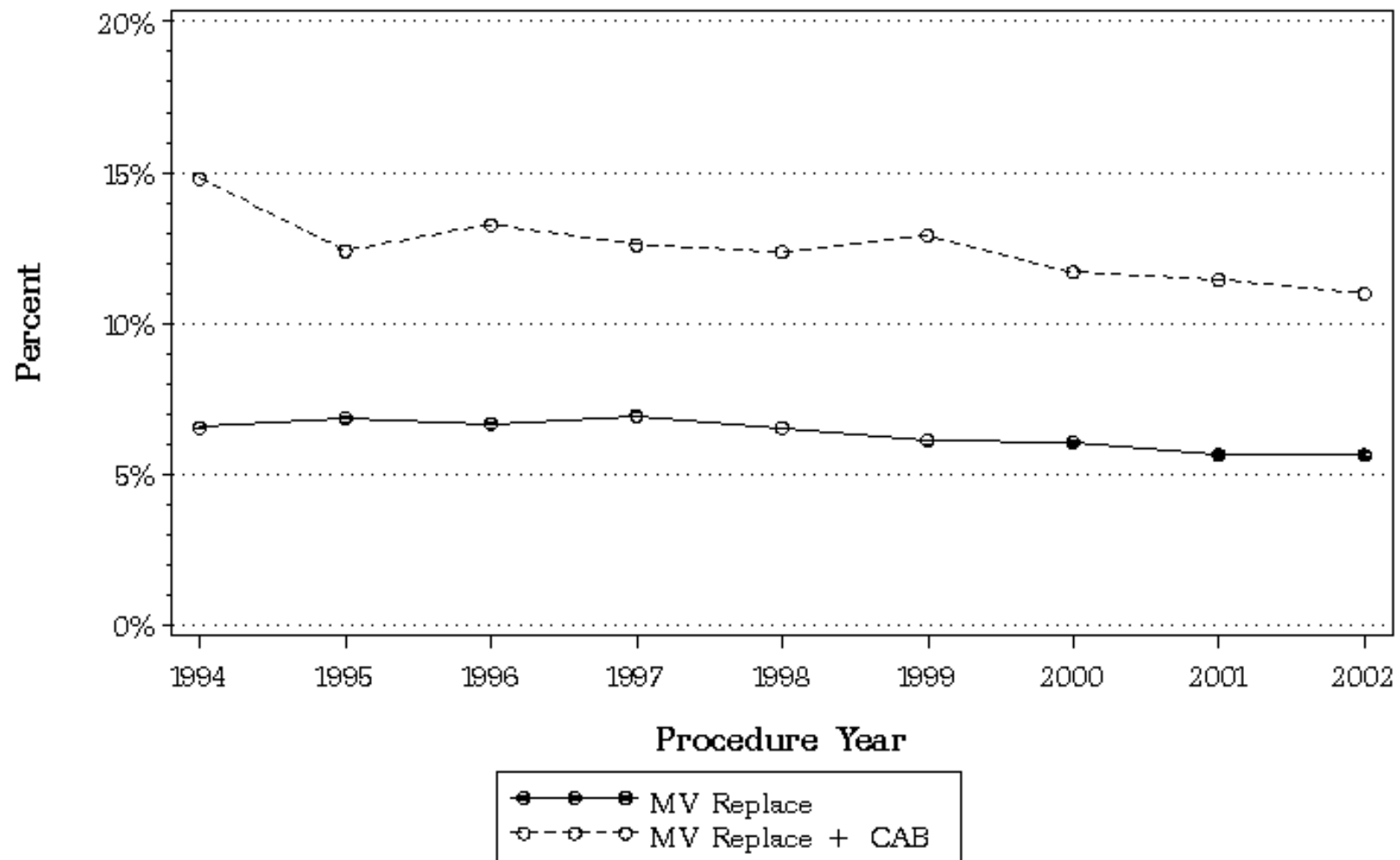
Number of Mitral Valve Procedures Performed Over Last 10 Years



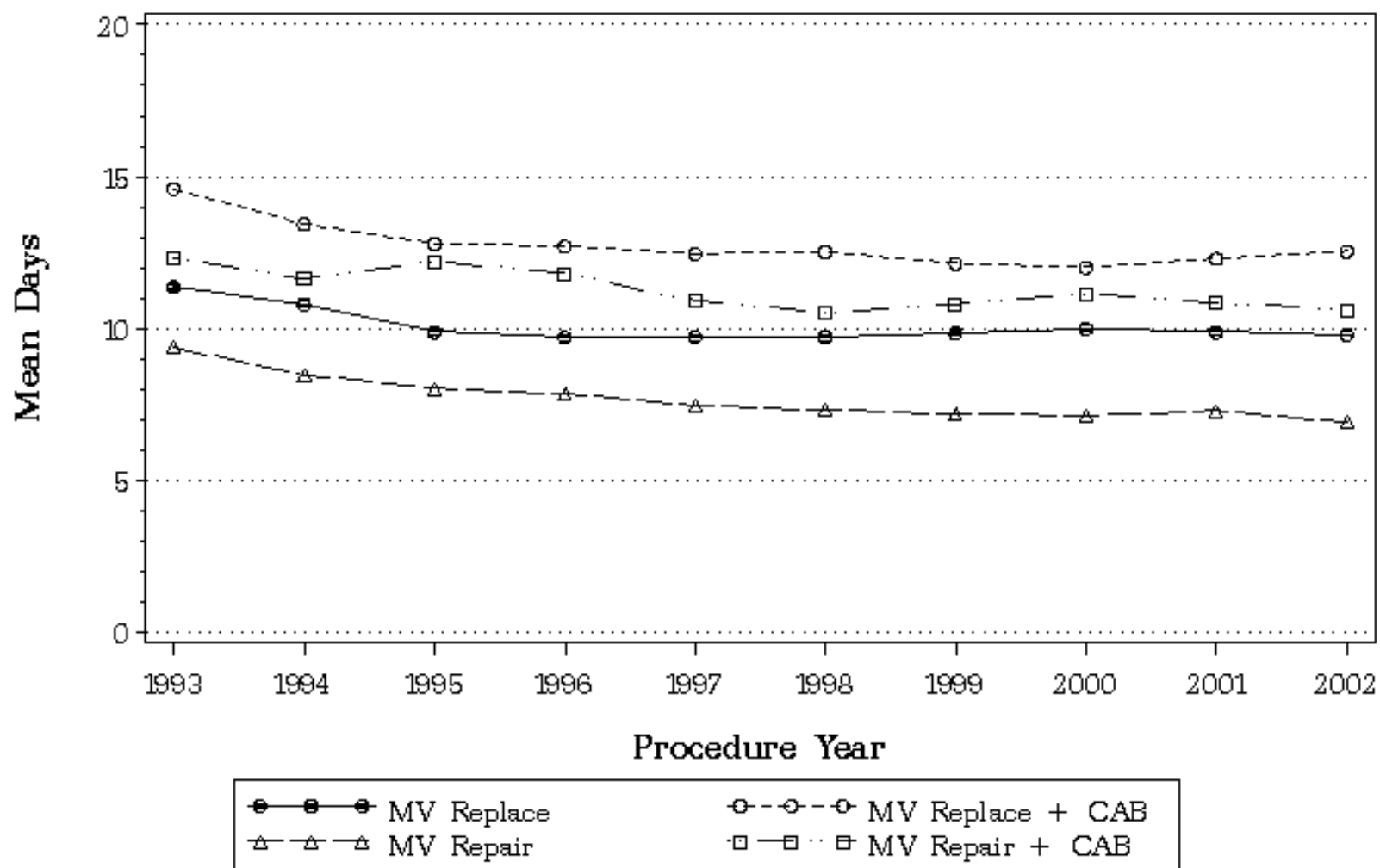
Unadjusted Mitral Valve Operative Mortality



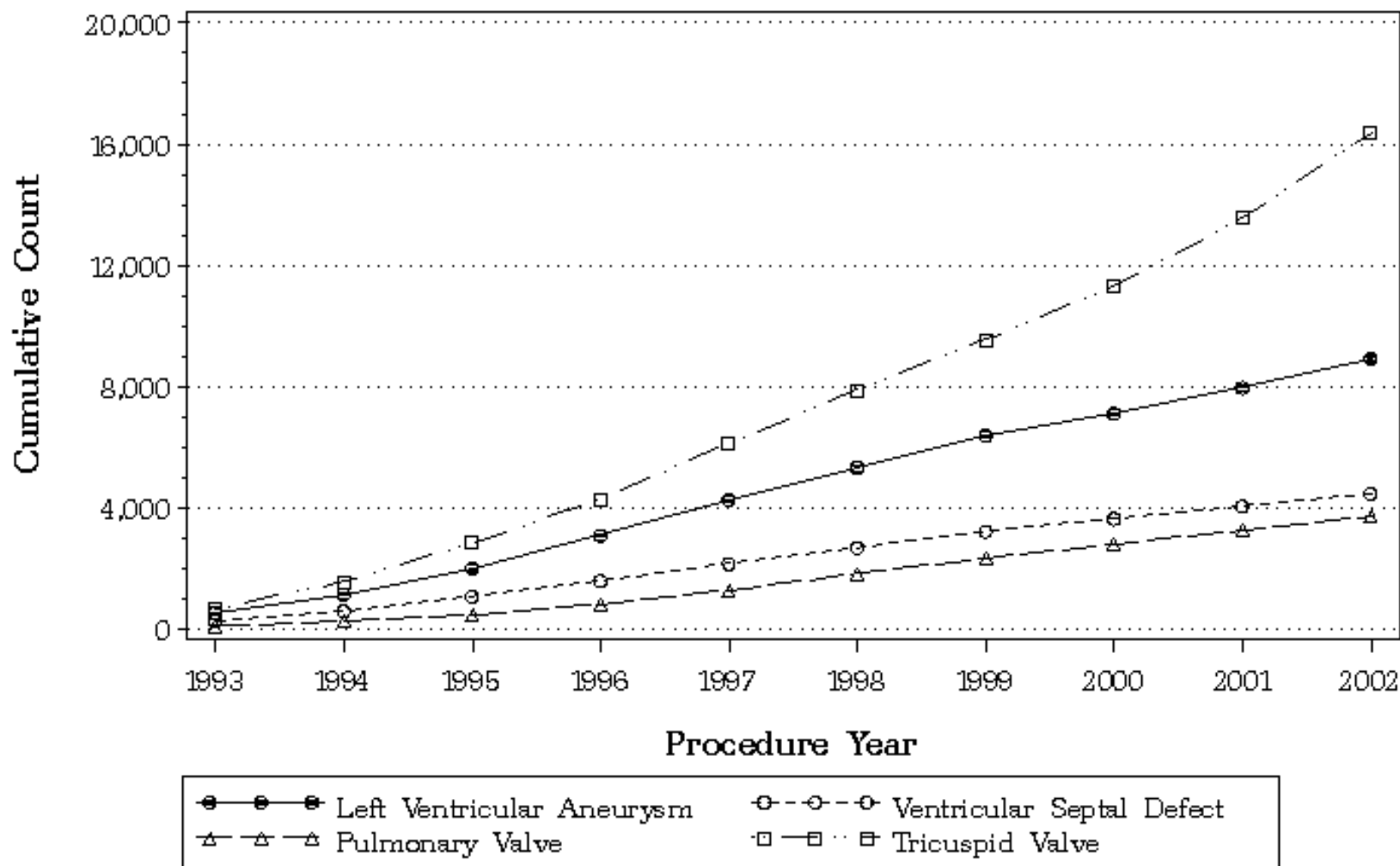
Risk-Adjusted Mitral Valve Operative Mortality



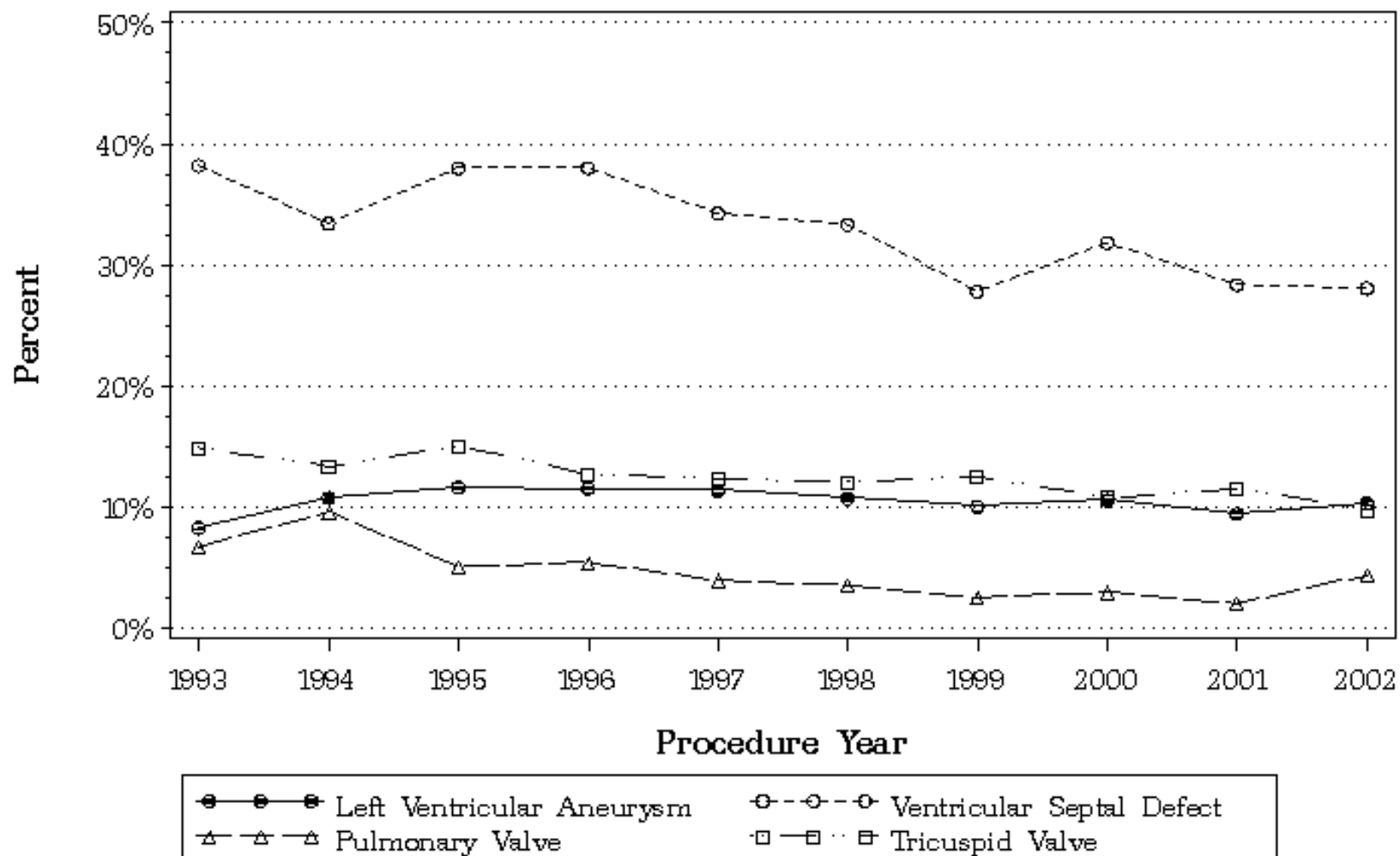
Mean Post-Procedure Length of Stay for Mitral Valve Procedures



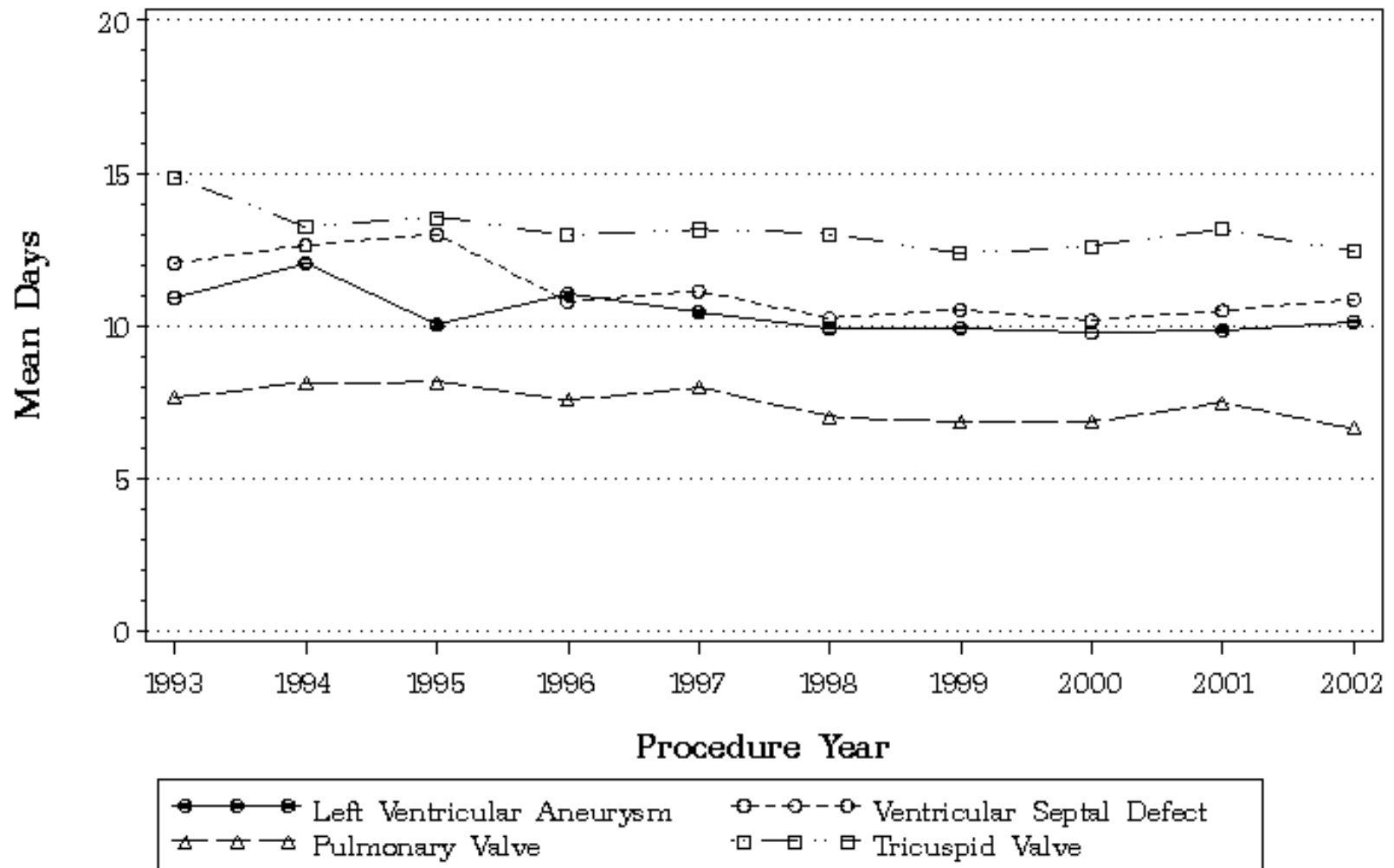
Number of Selected Other Cardiac Procedures Performed Over Last 10 Years



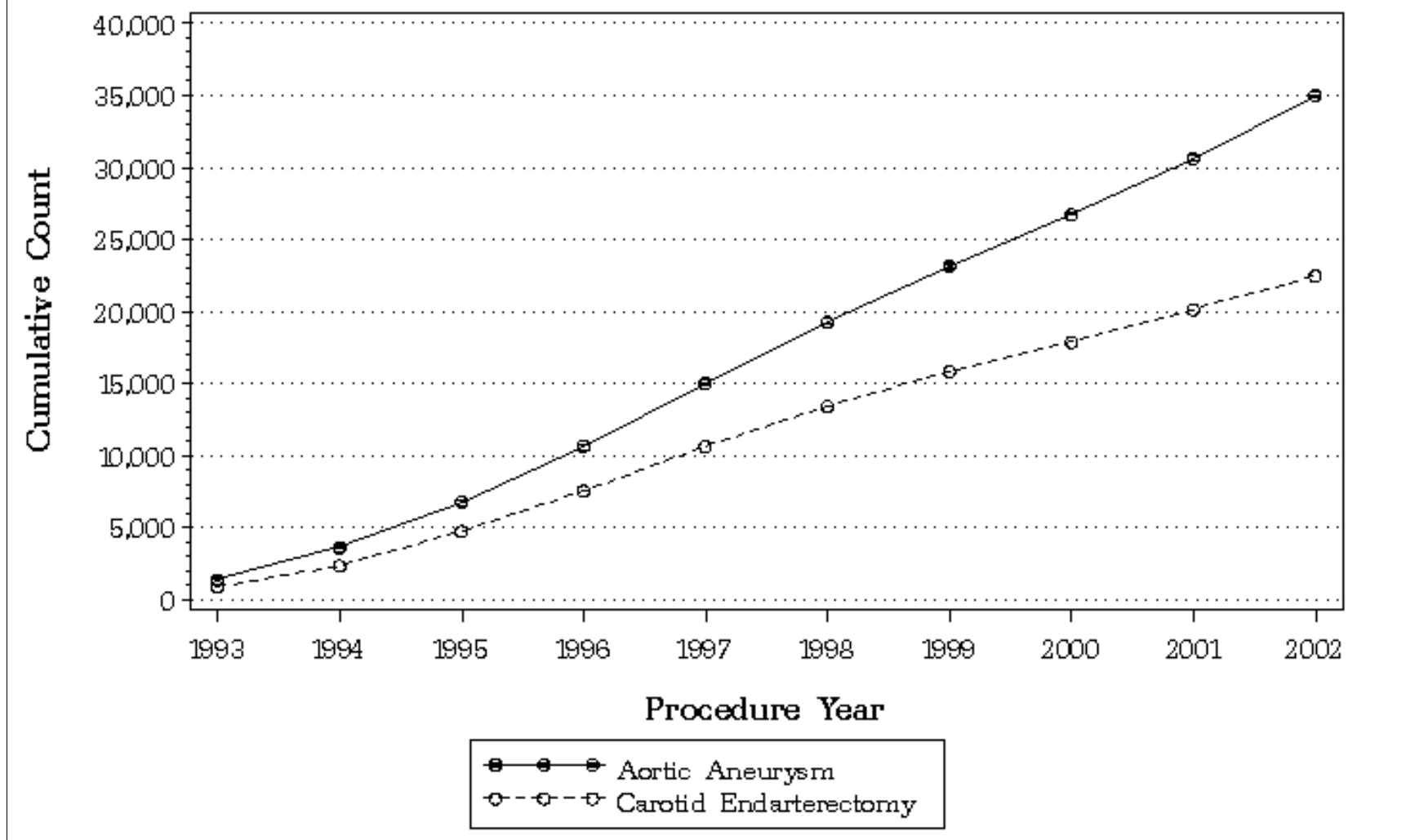
Unadjusted Other Cardiac Operative Mortality



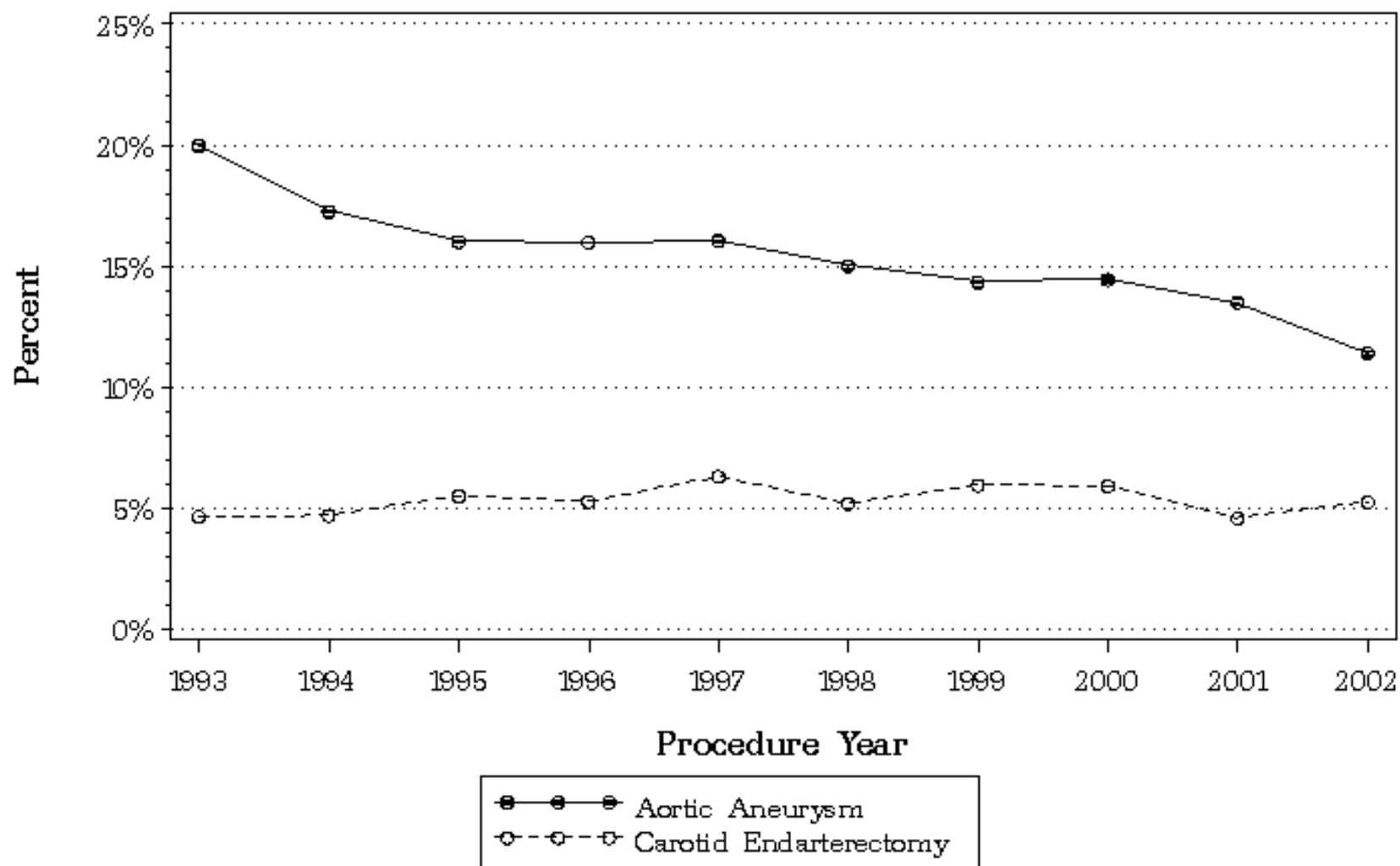
Mean Post-Procedure Length of Stay for Other Cardiac Procedures



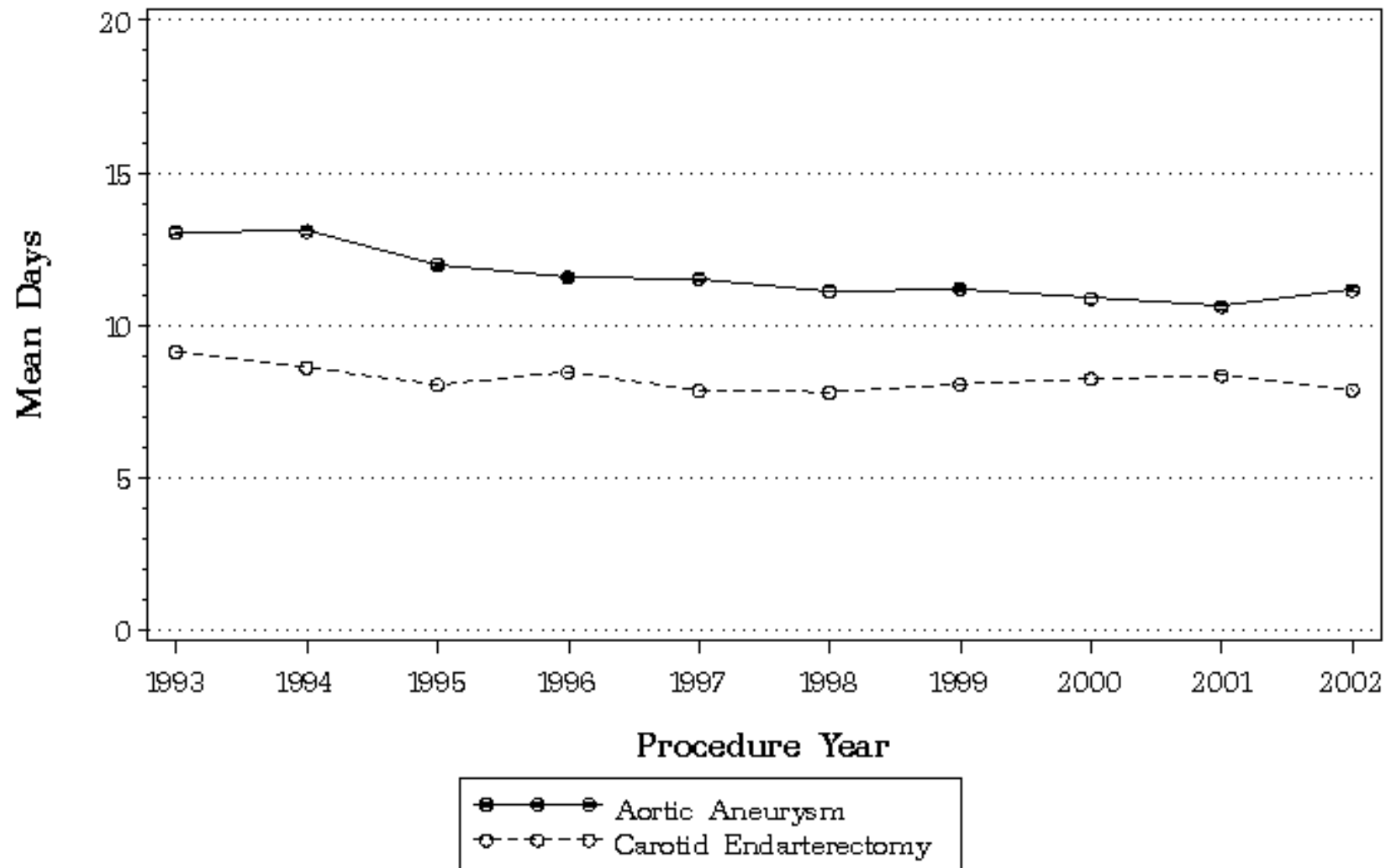
Number of Selected Other Non-Cardiac Procedures Performed Over Last 10 Years



Unadjusted Other Non-Cardiac Operative Mortality



Mean Post-Procedure Length of Stay for Other Non-Cardiac Procedures



**The Society of Thoracic Surgeons
National Adult Cardiac Surgery Database
Jan 1993 to Jun 2002 Procedure Distribution**

	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Yearly Number of Sites in Analysis	261	337	404	452	466	460	380	360	412	453
Yearly Overall Procedure Count	107,803	152,064	200,293	235,377	252,688	240,590	210,295	199,141	201,083	207,077
Major Procedures										
Isolated CAB	81,059	115,679	153,414	182,911	192,543	181,774	155,831	145,144	143,217	143,180
Isolated Aortic Valve Replace	4,563	6,367	7,836	8,969	9,932	10,108	9,108	8,958	9,415	10,210
Isolated Mitral Valve Replace	2,215	3,057	3,800	4,275	5,048	5,134	4,303	4,191	4,019	4,064
Aortic Valve Replace + CAB	3,742	5,707	7,552	9,212	10,444	10,908	10,045	9,870	10,229	10,888
Mitral Valve Replace + CAB	1,332	1,955	2,629	3,003	3,467	3,575	3,106	2,878	2,772	2,768
Aortic + Mitral Valve Replace	568	775	959	1,086	1,230	1,191	1,037	997	947	947
Mitral Valve Repair	627	982	1,256	1,586	2,234	2,262	2,086	2,275	2,647	3,309
Mitral Valve Repair + CAB	616	994	1,427	1,753	2,297	2,239	1,957	2,497	3,124	3,558
Not Classified Above										
	13,081	16,548	21,420	22,582	25,493	23,399	22,822	22,331	24,713	28,153
Incidence of Other Procedures										
Pulmonary Valve	90	147	199	373	461	543	529	447	456	459
Tricuspid Valve	639	909	1,292	1,410	1,880	1,751	1,666	1,778	2,233	2,837
LVA - Left Ventrical Aneurysm Repair	522	615	852	1,095	1,180	1,057	1,046	729	860	965
VSD - Ventricular Septal Defect Repair	246	335	476	518	576	525	547	405	416	417
ASD - Atrial Septal Defect Repair	742	971	1,354	1,601	1,934	1,852	2,005	1,912	2,078	2,123
Batista	5	1	7	11	69	30	182	8	18	5
Congenital Defect Repair	303	524	497	548	600	577	681	490	613	632
Transmyocardial Laser Revascularization	0	1	13	61	148	194	652	1,511	1,463	1,670
Cardiac Trauma	52	73	97	97	134	98	233	96	114	152
Cardiac Transplant	268	439	497	575	657	558	699	450	461	510
AICD - Automatic Implanted Cardioverter Defibrillator	1,076	1,087	993	583	604	330	363	214	197	256
Aortic Aneurysm	1,362	2,272	3,152	3,882	4,358	4,236	3,905	3,559	3,896	4,418
Carotid Endarterectomy	886	1,450	2,400	2,790	3,106	2,778	2,439	2,030	2,269	2,328
Other Vascular	837	1,146	1,505	1,692	1,624	1,372	1,347	1,124	1,356	1,295
Other Thoracic	1,229	1,463	1,752	1,939	1,915	1,541	1,529	1,379	1,638	1,887

