



## STS National Database Spring 2002 Executive Summary– Contents



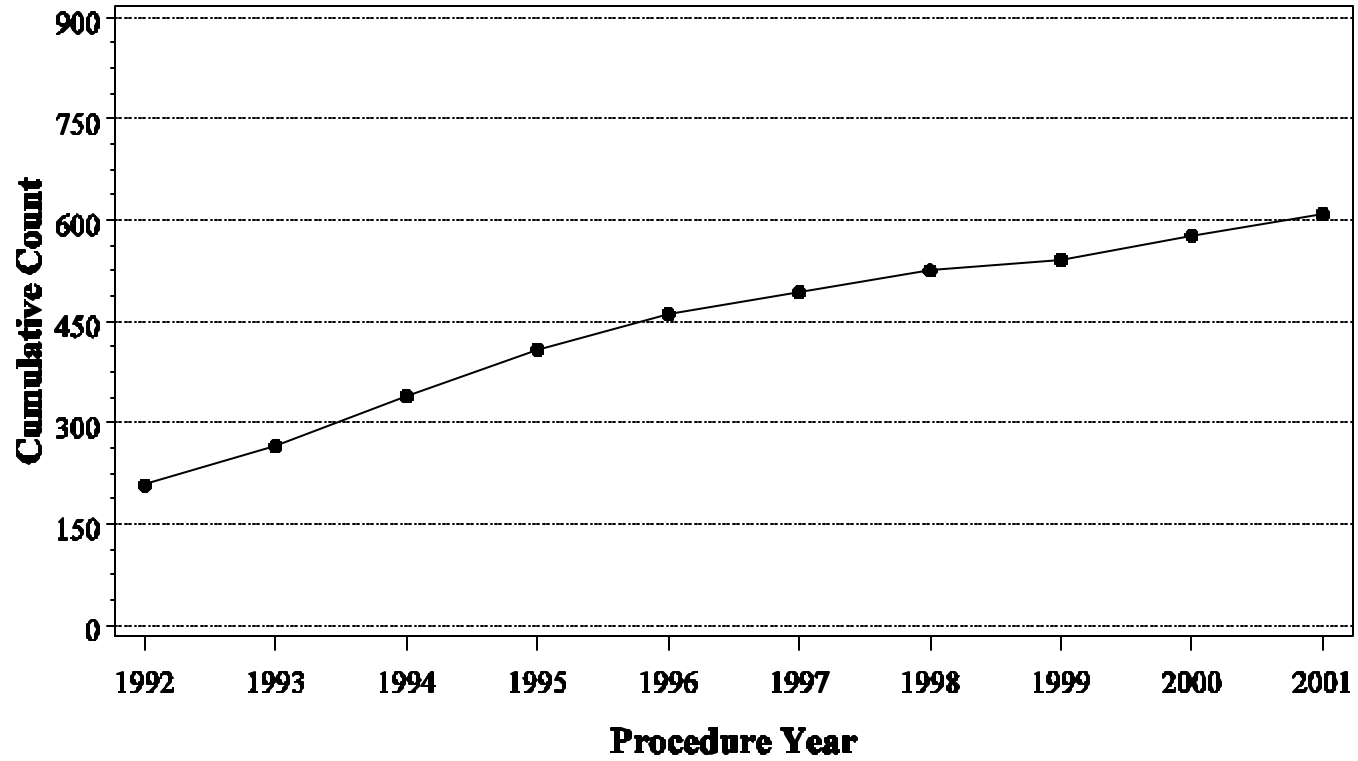
1. Cumulative Number of Participating Sites
2. Cumulative Number of Procedures Performed
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4. Unadjusted Isolated CAB Operative Mortality
5. Risk-Adjusted Isolated CAB Operative Mortality
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18. Cumulative 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 1992 to Dec 2001 Procedure Distribution

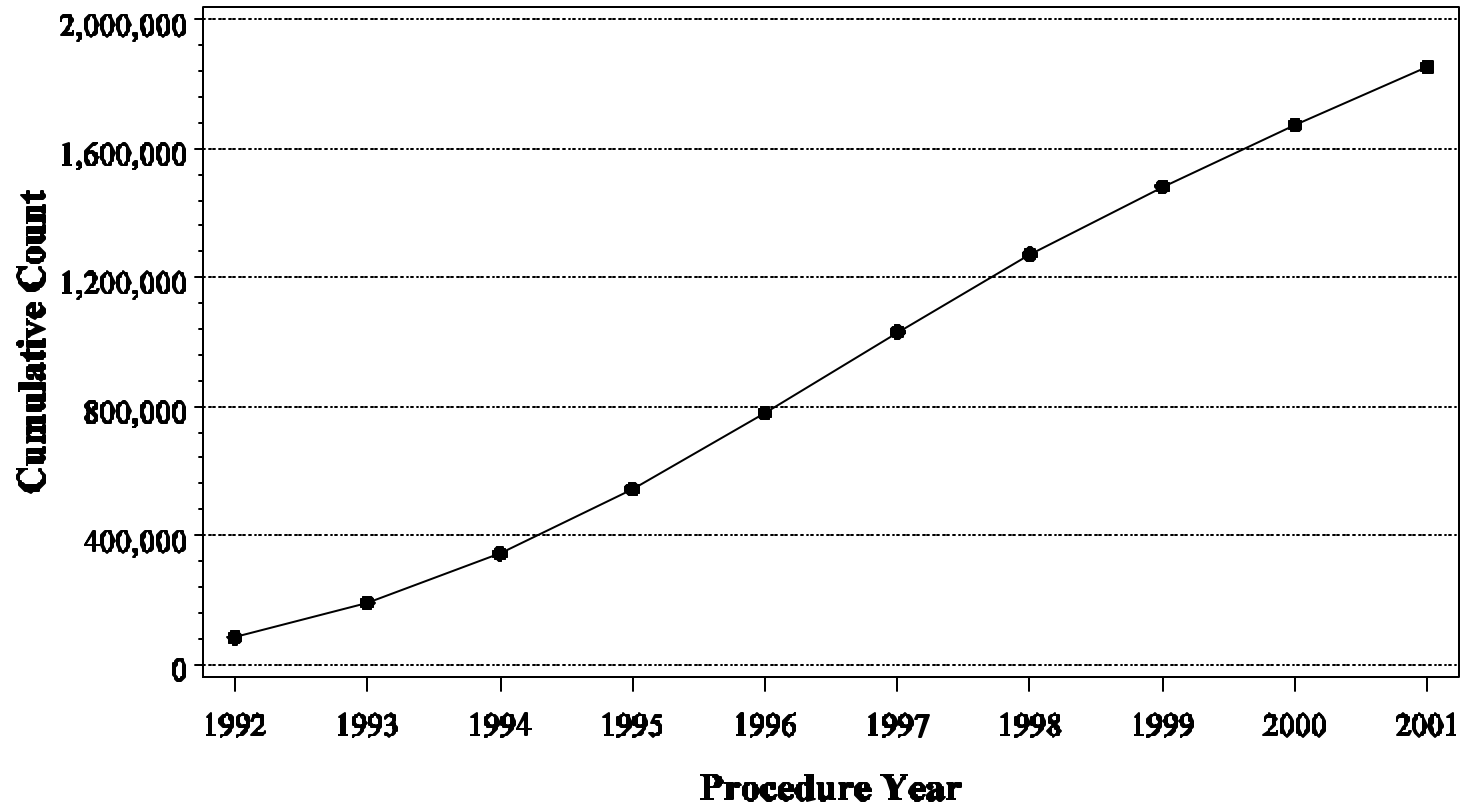
- Yearly Number of Sites in Analysis
- Yearly Overall Procedure Counts
- Major Procedure Distribution
- Other Procedure Distribution



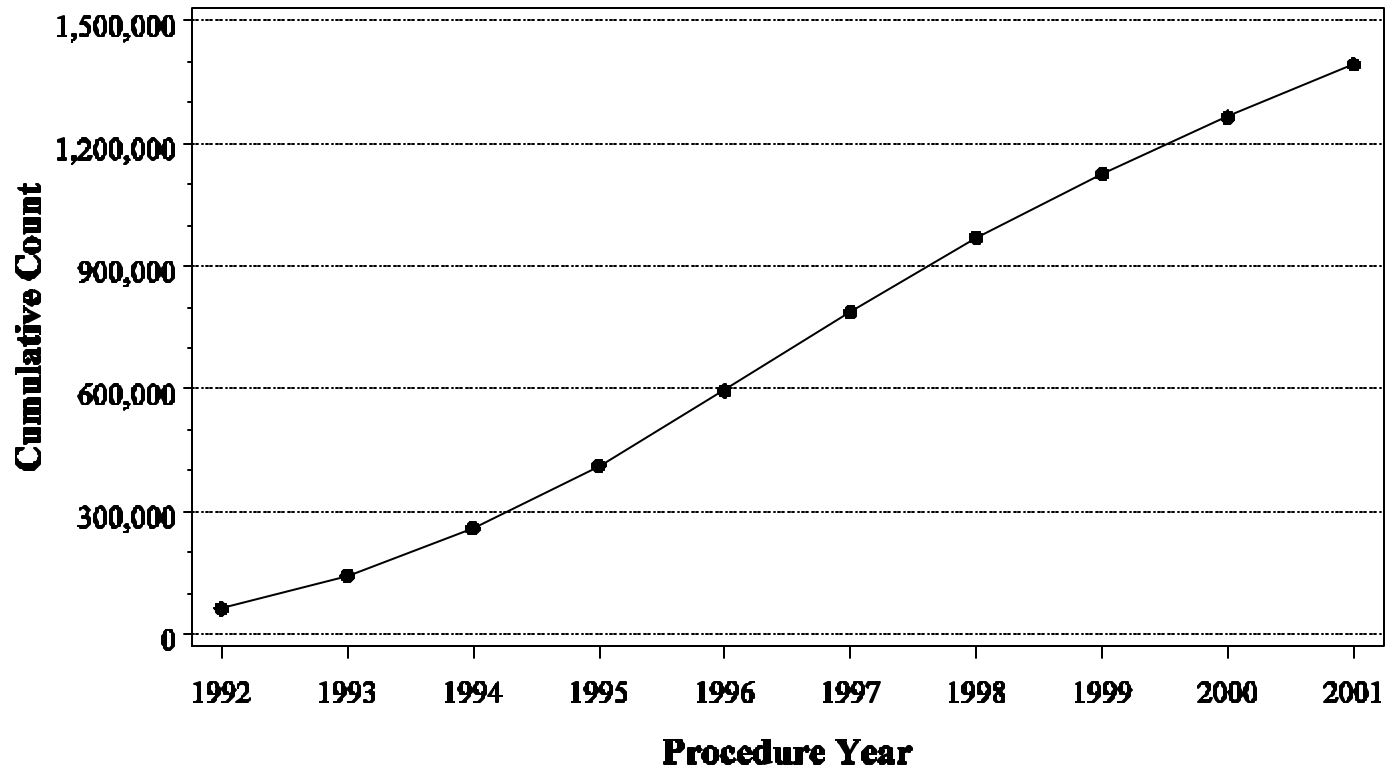
## Number of Participating Sites Over Last 10 Years



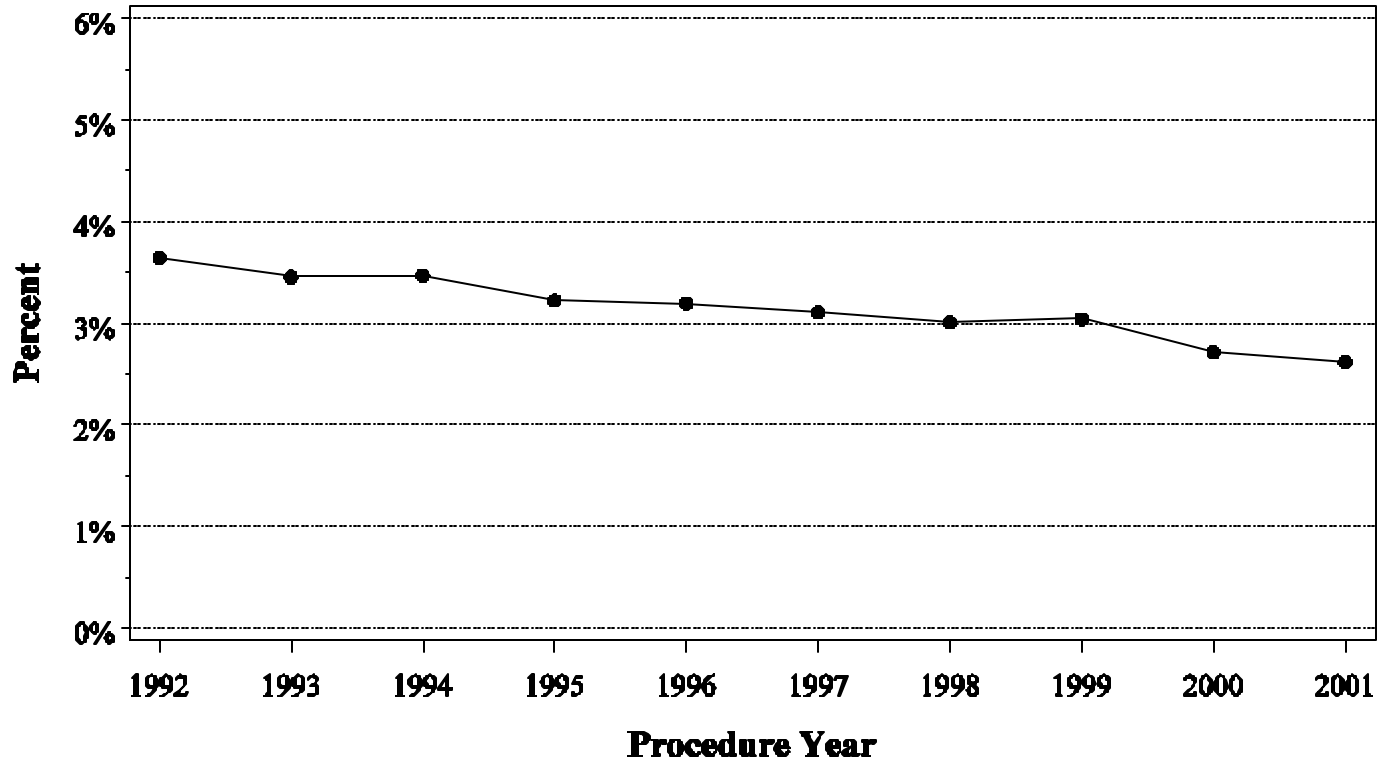
## Number of Procedures Performed Over Last 10 Years



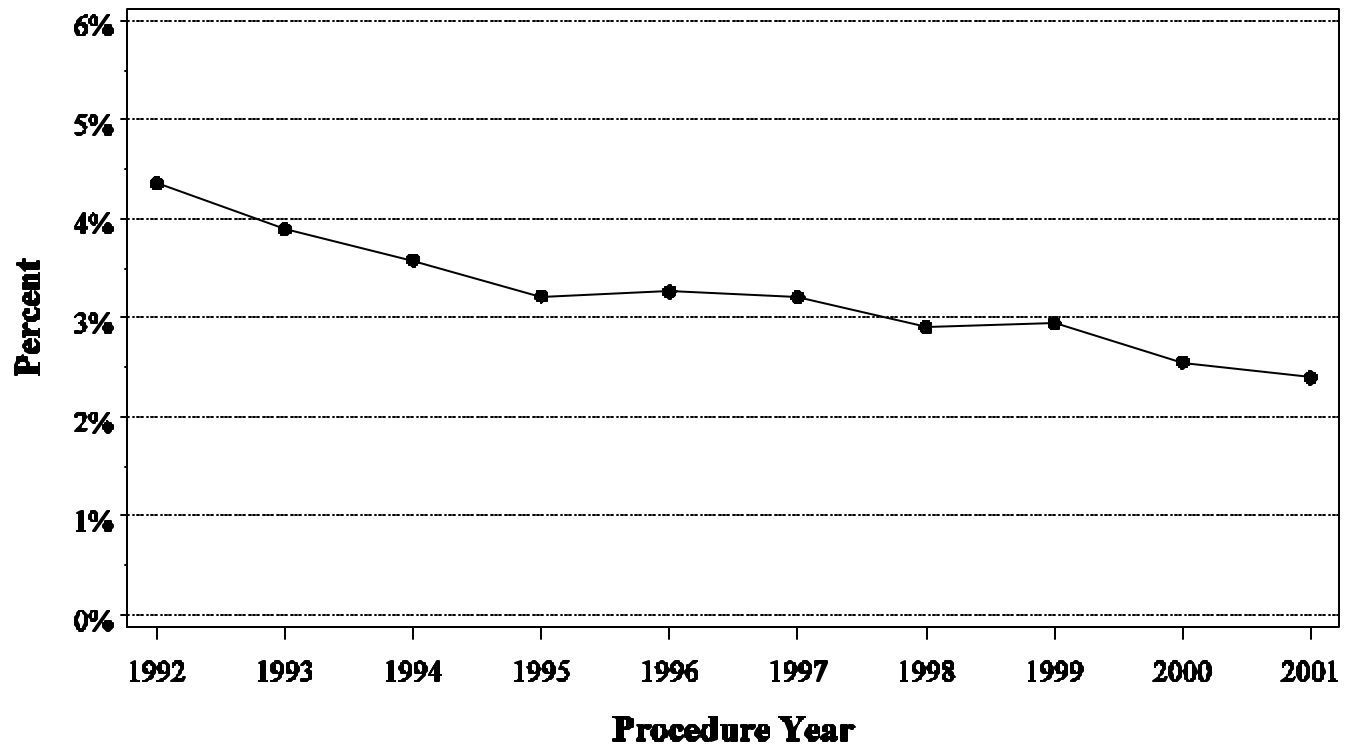
## Number of Isolated CAB Procedures Performed Over Last 10 Years



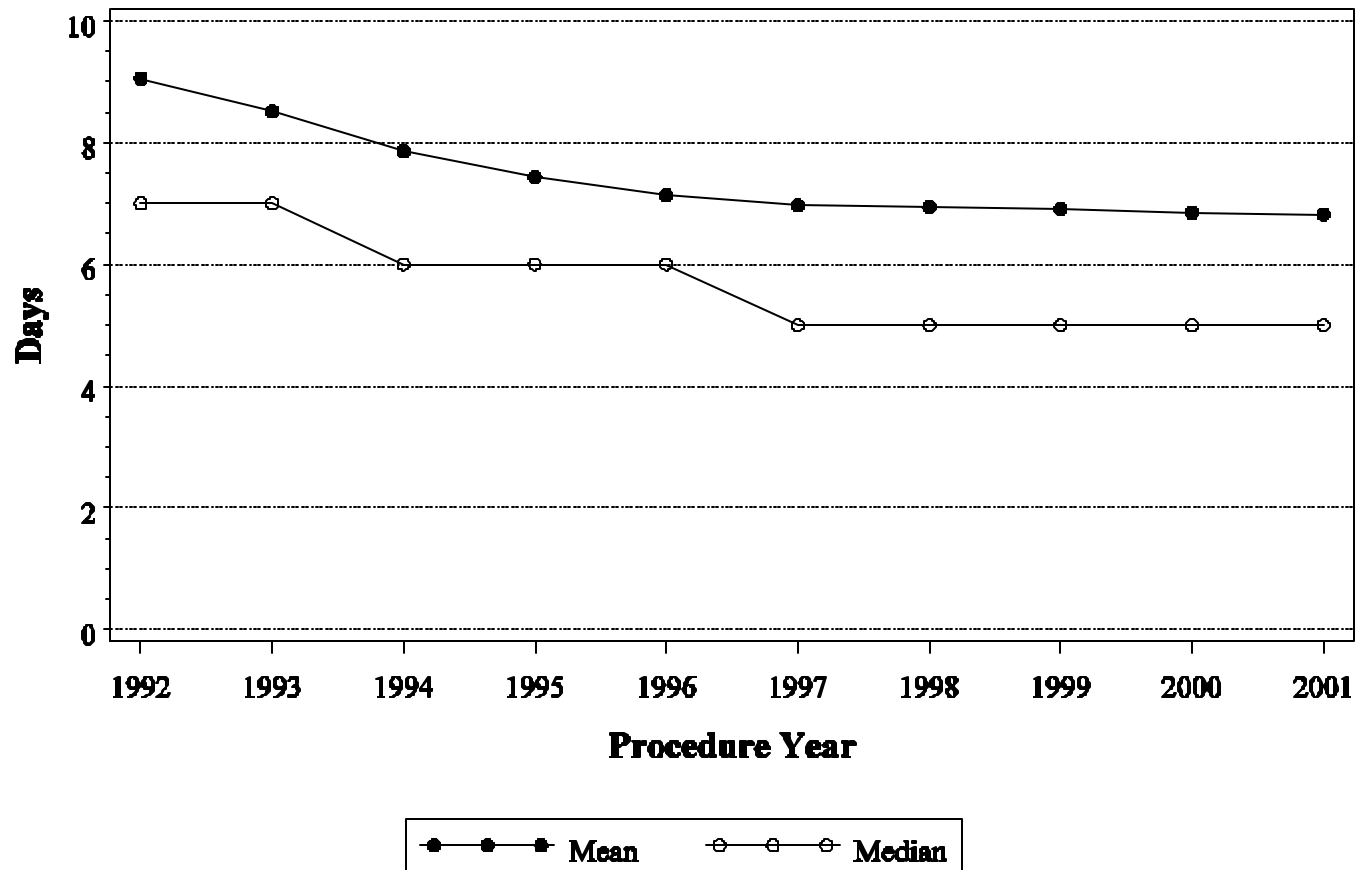
## Unadjusted Isolated CAB Operative Mortality



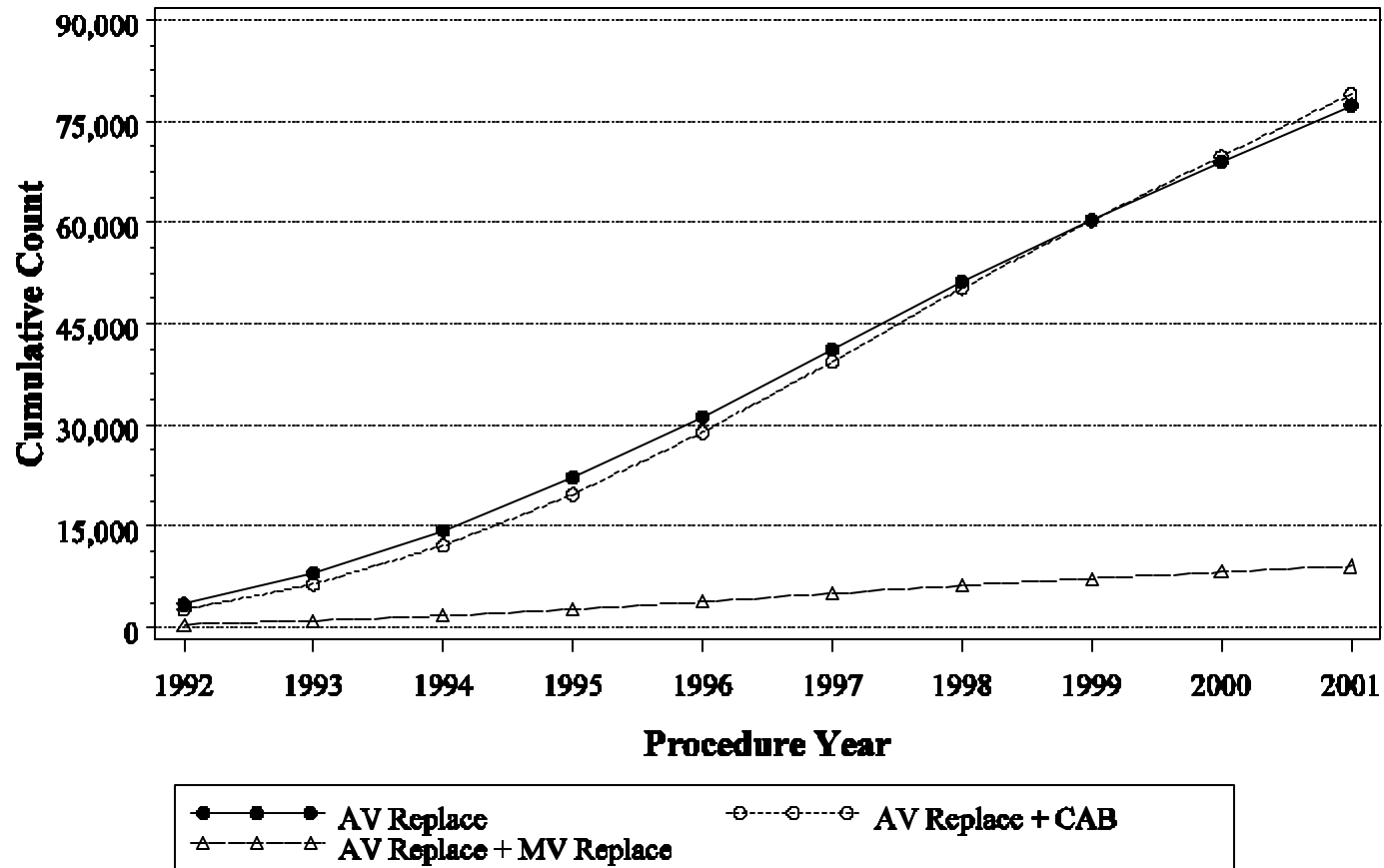
## Risk-Adjusted Isolated CAB Operative Mortality



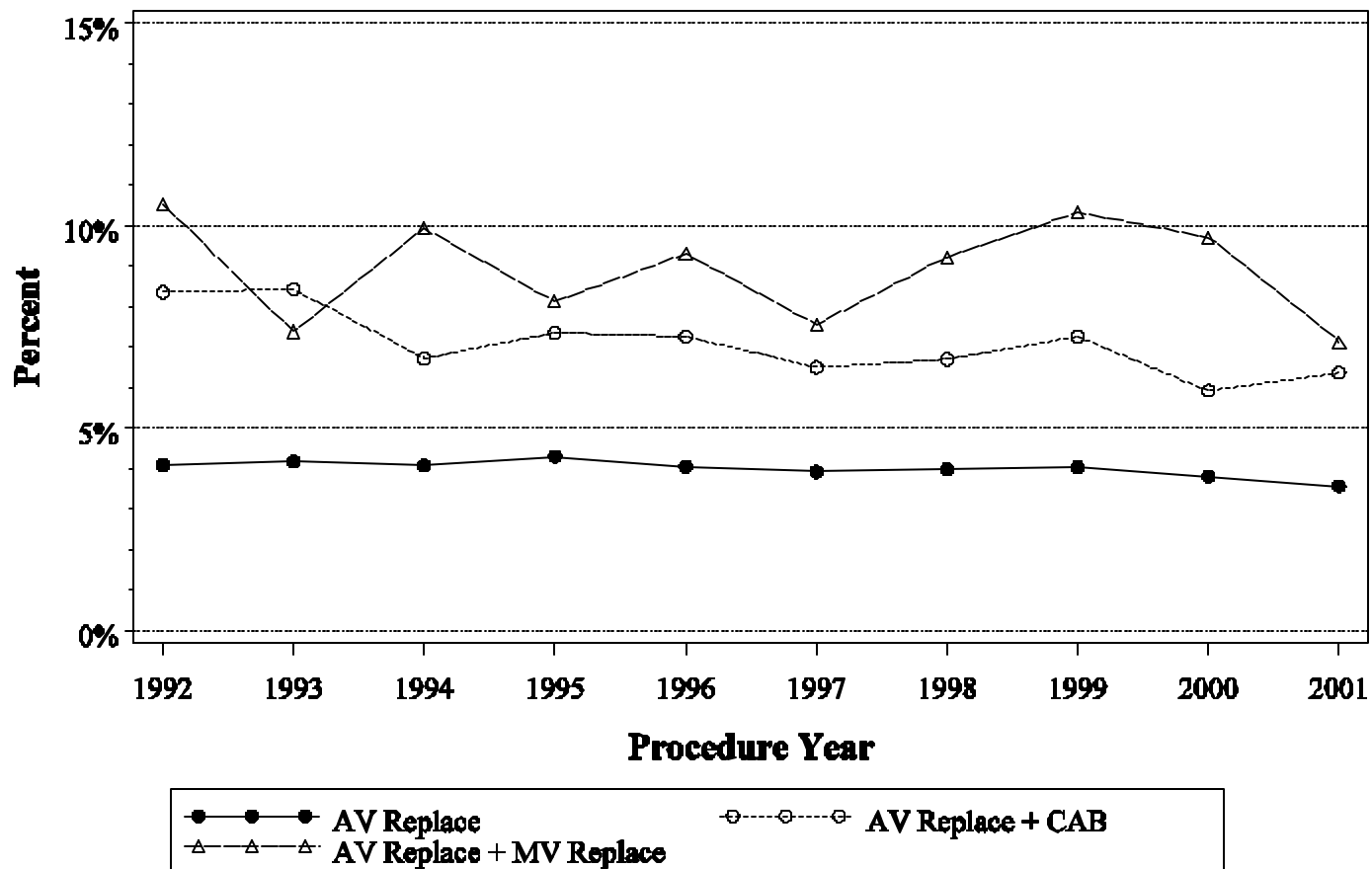
## Post-Procedure Length of Stay for Isolated CAB Procedures



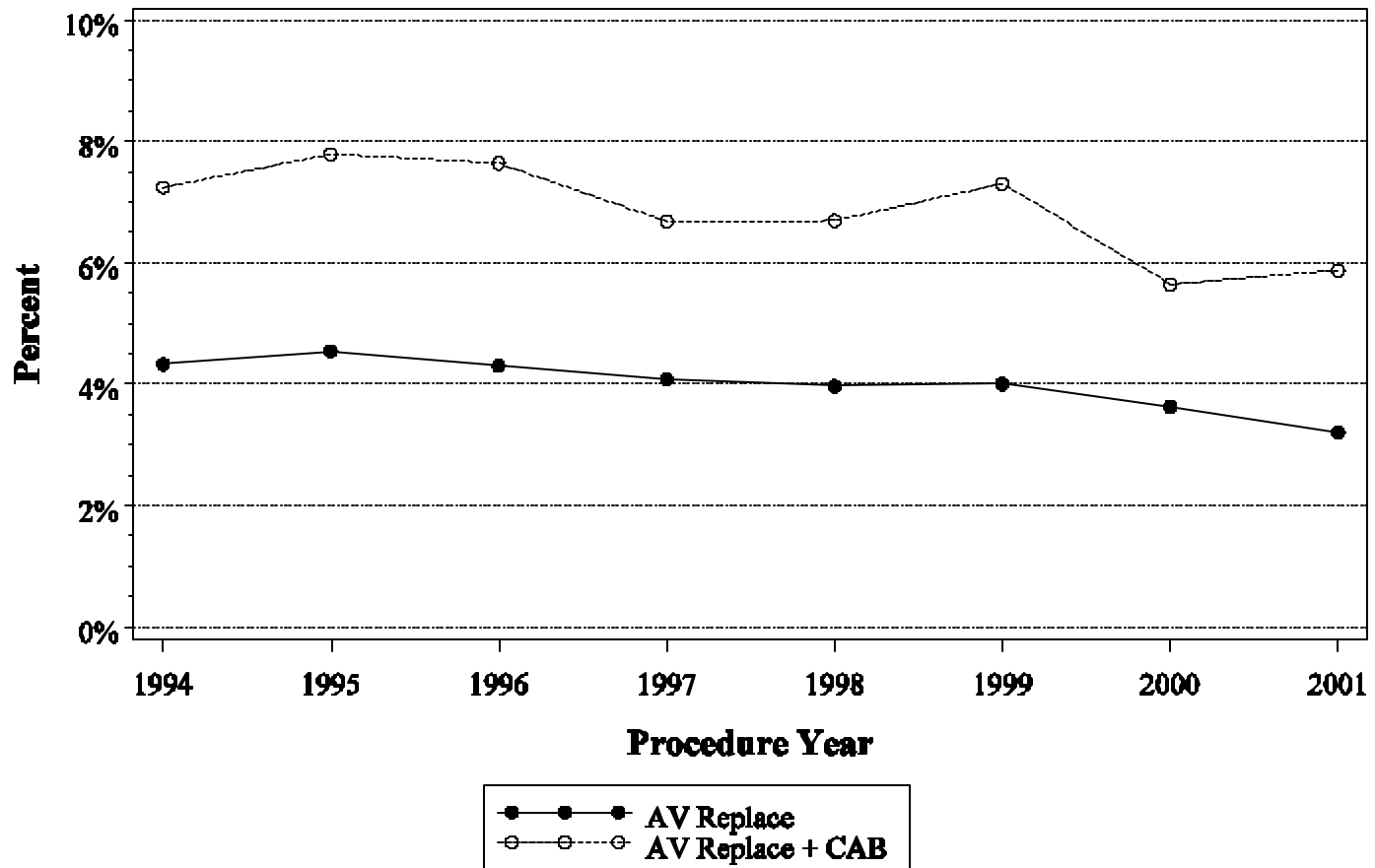
## Number of Aortic Valve Procedures Performed Over Last 10 Years



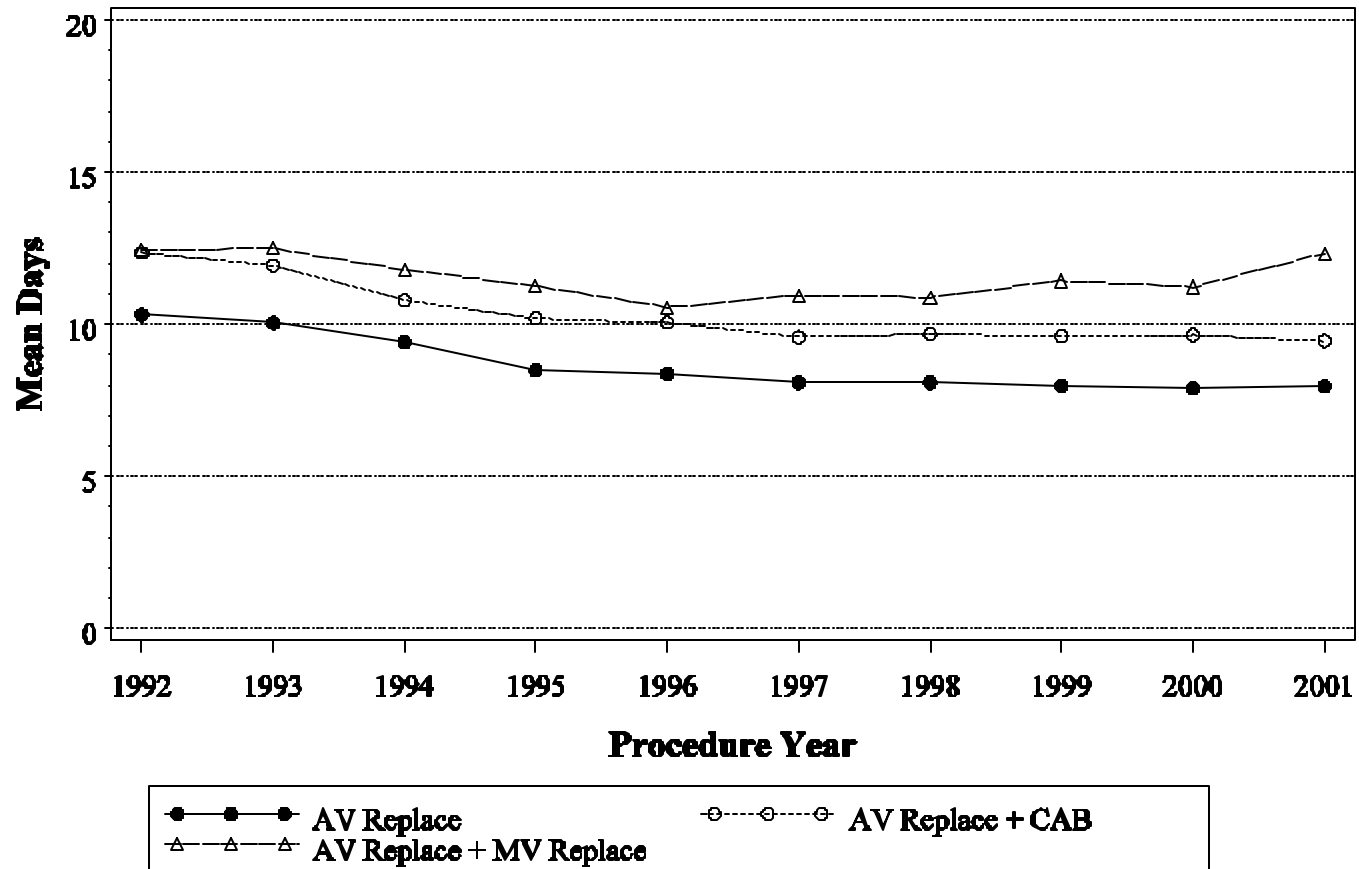
## Unadjusted Aortic Valve Operative Mortality



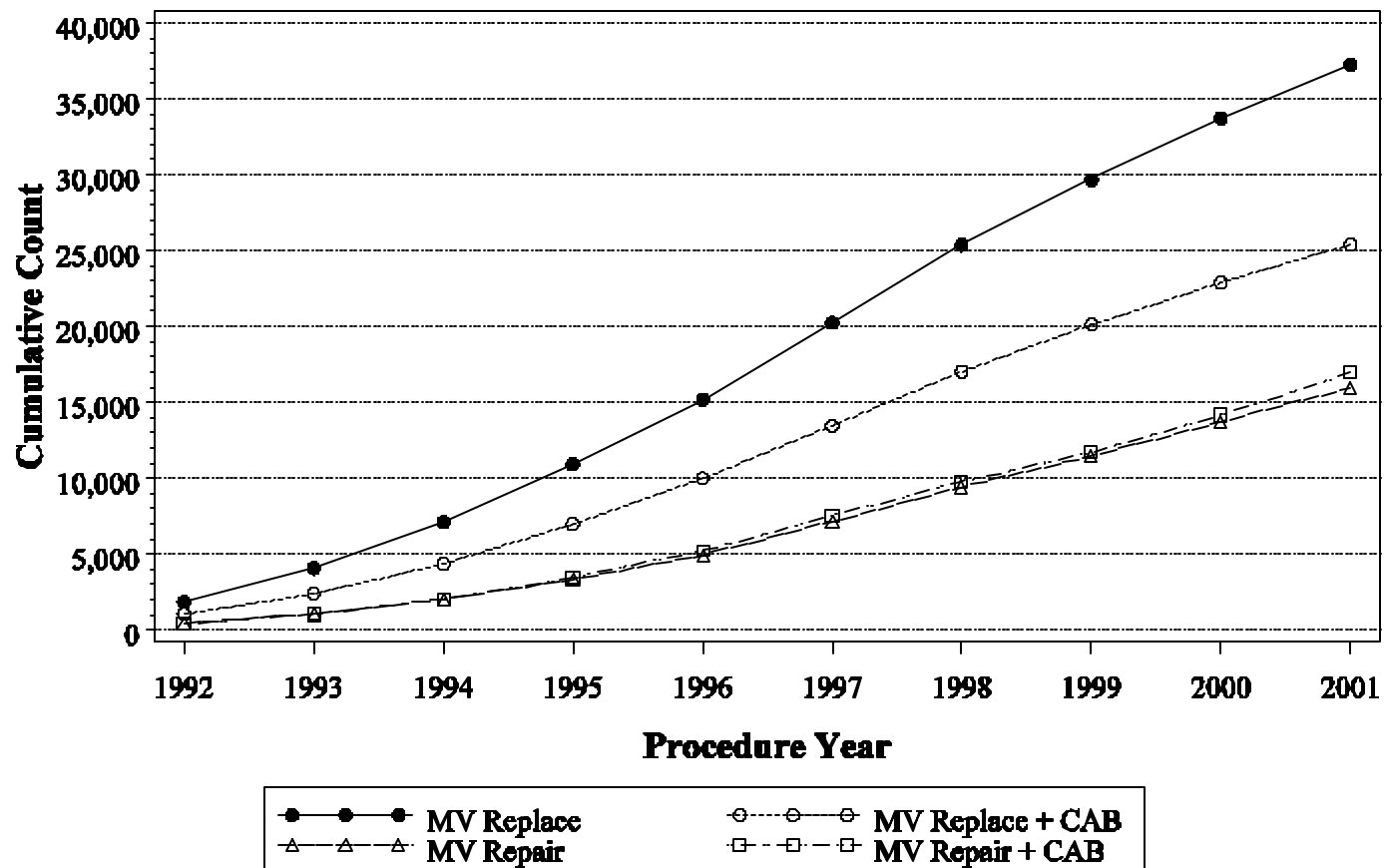
## Risk-Adjusted Aortic Valve Operative Mortality



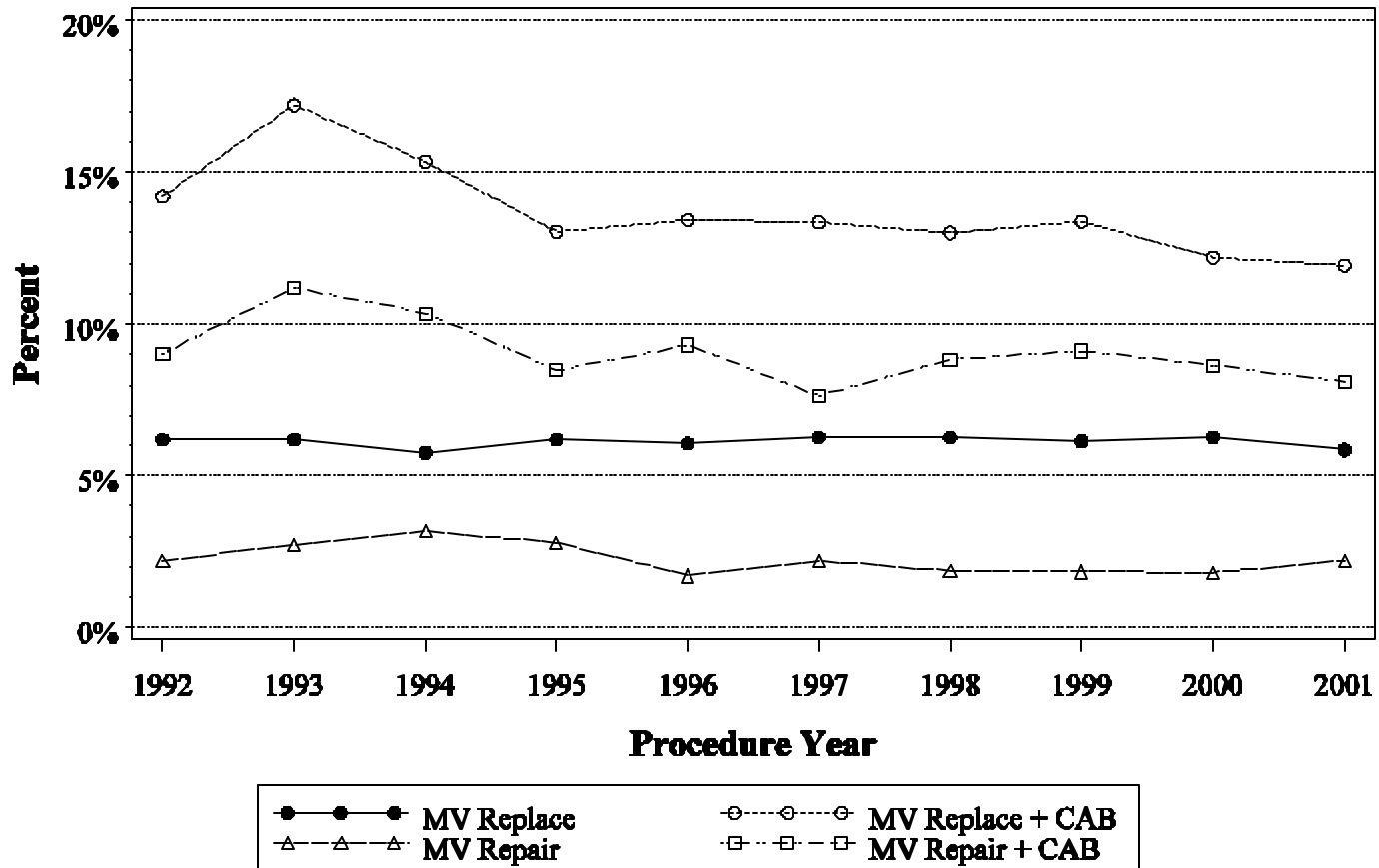
## Mean Post-Procedure Length of Stay for Aortic Valve Procedures



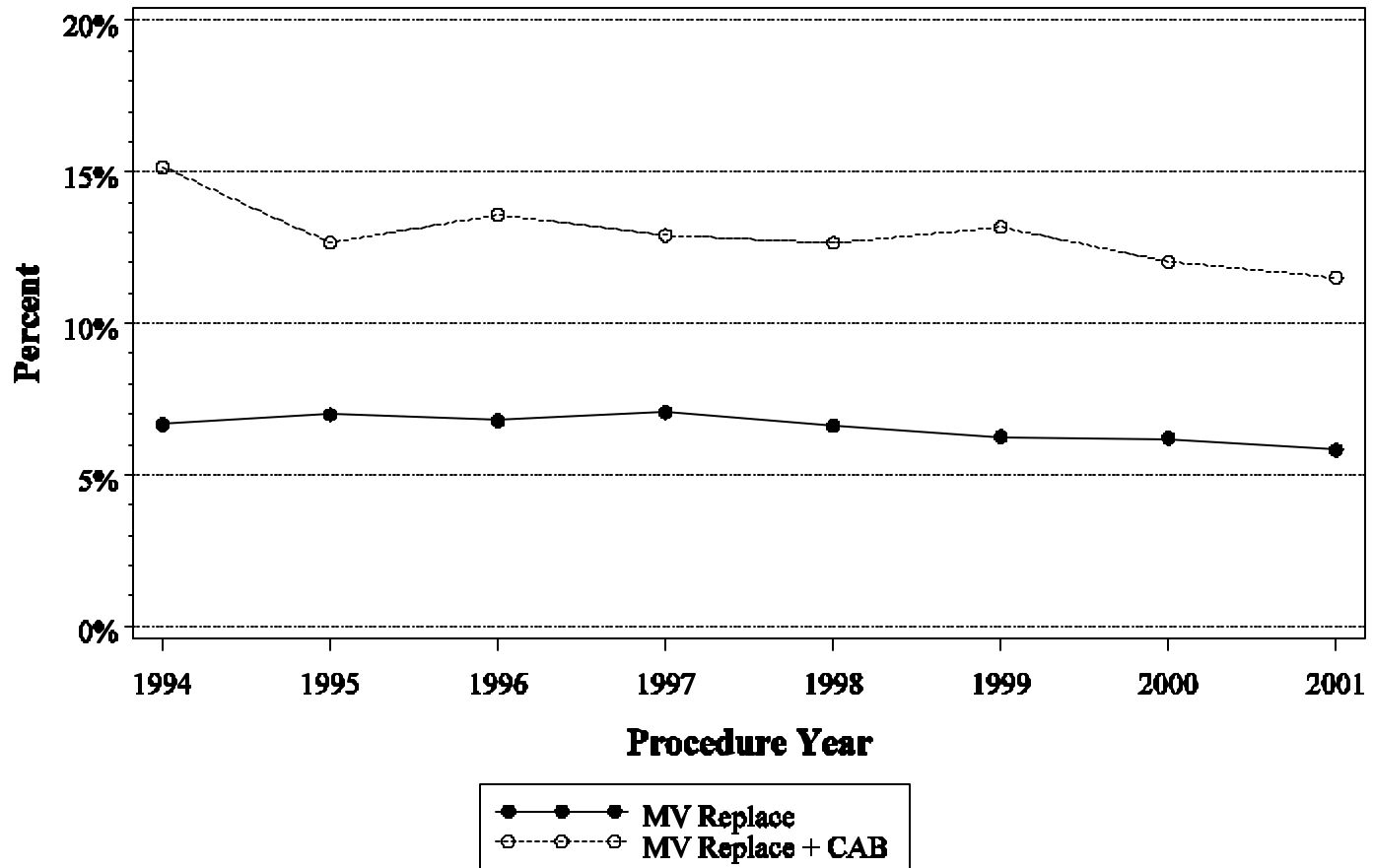
## Number of Mitral Valve Procedures Performed Over Last 10 Years



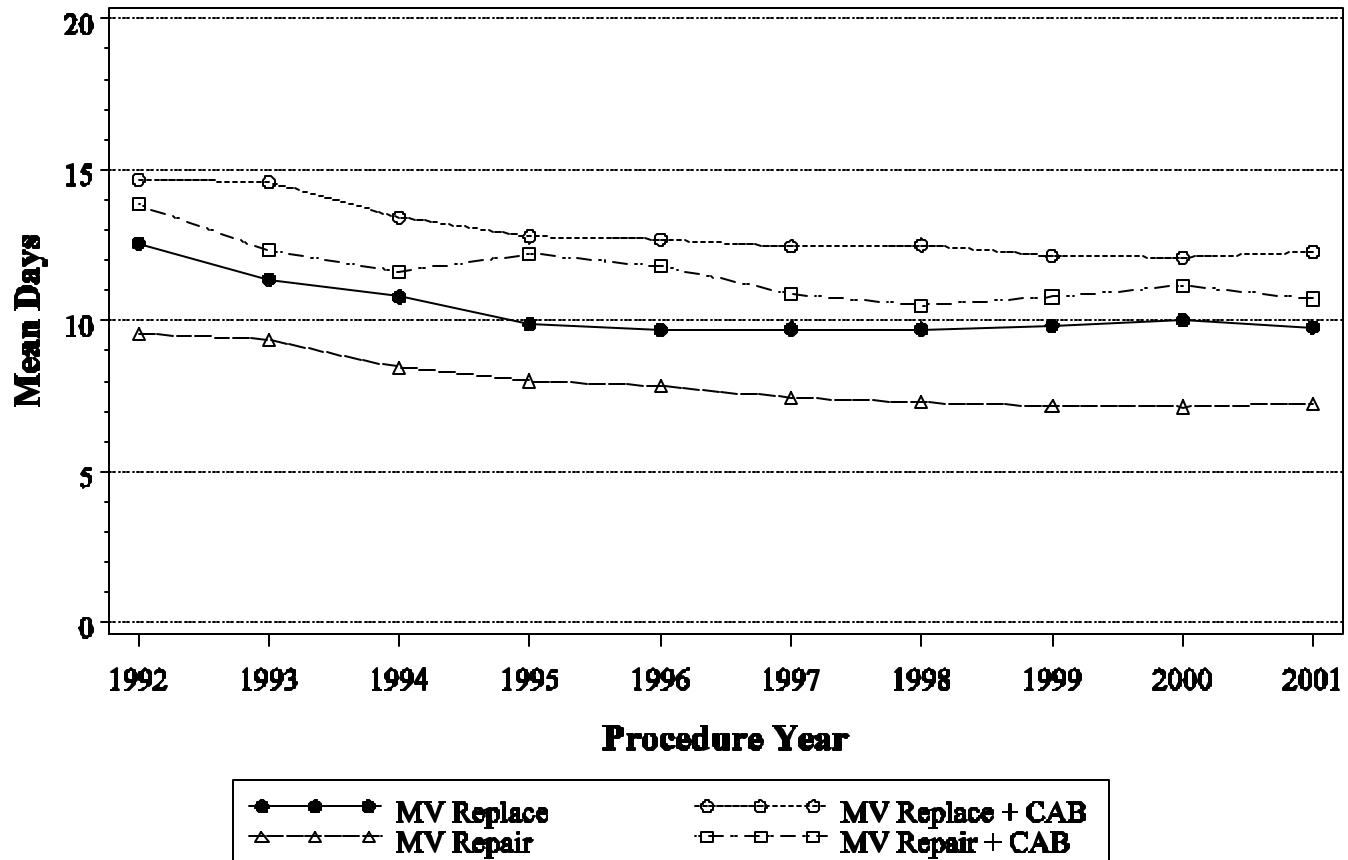
## Unadjusted Mitral Valve Operative Mortality



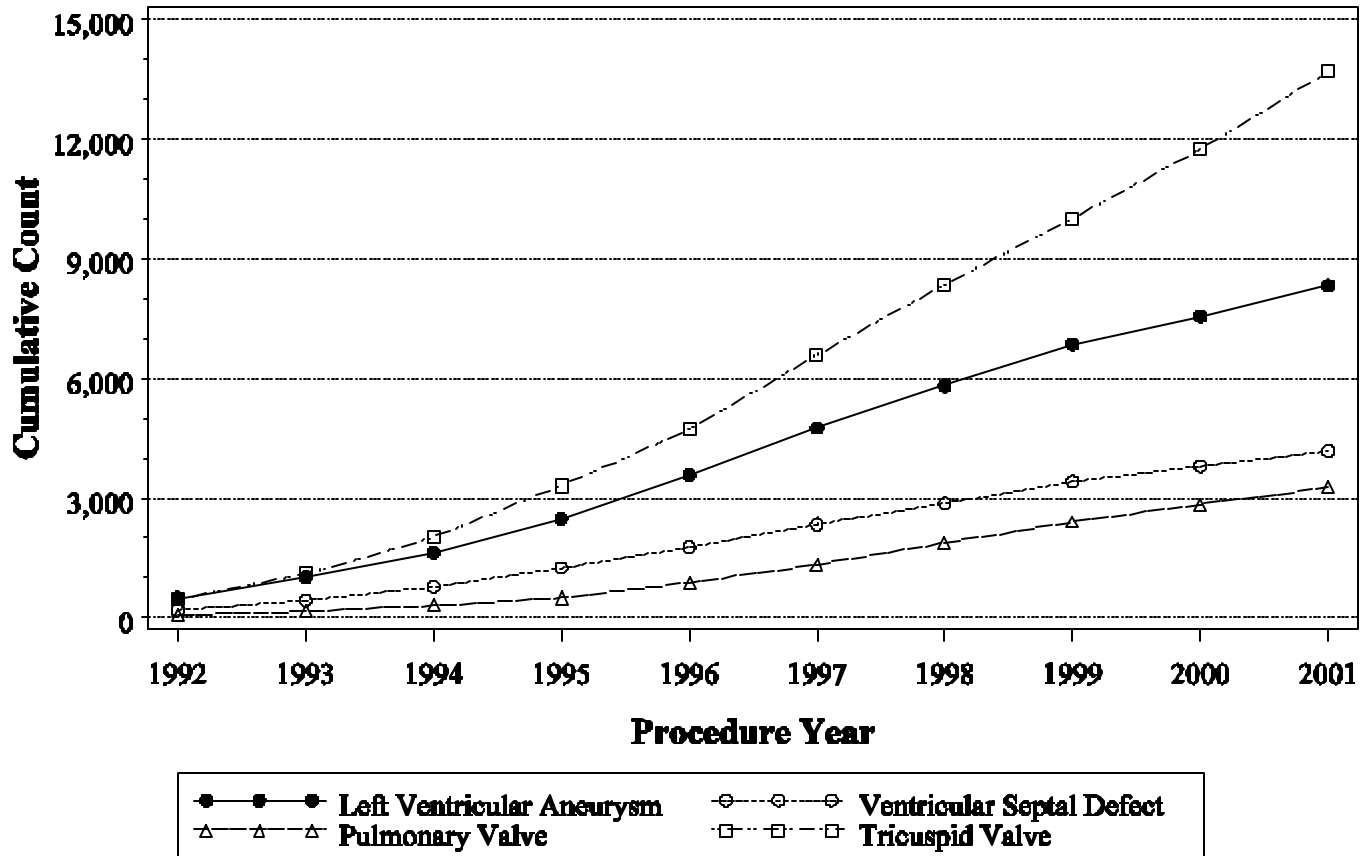
## Risk-Adjusted Mitral Valve Operative Mortality



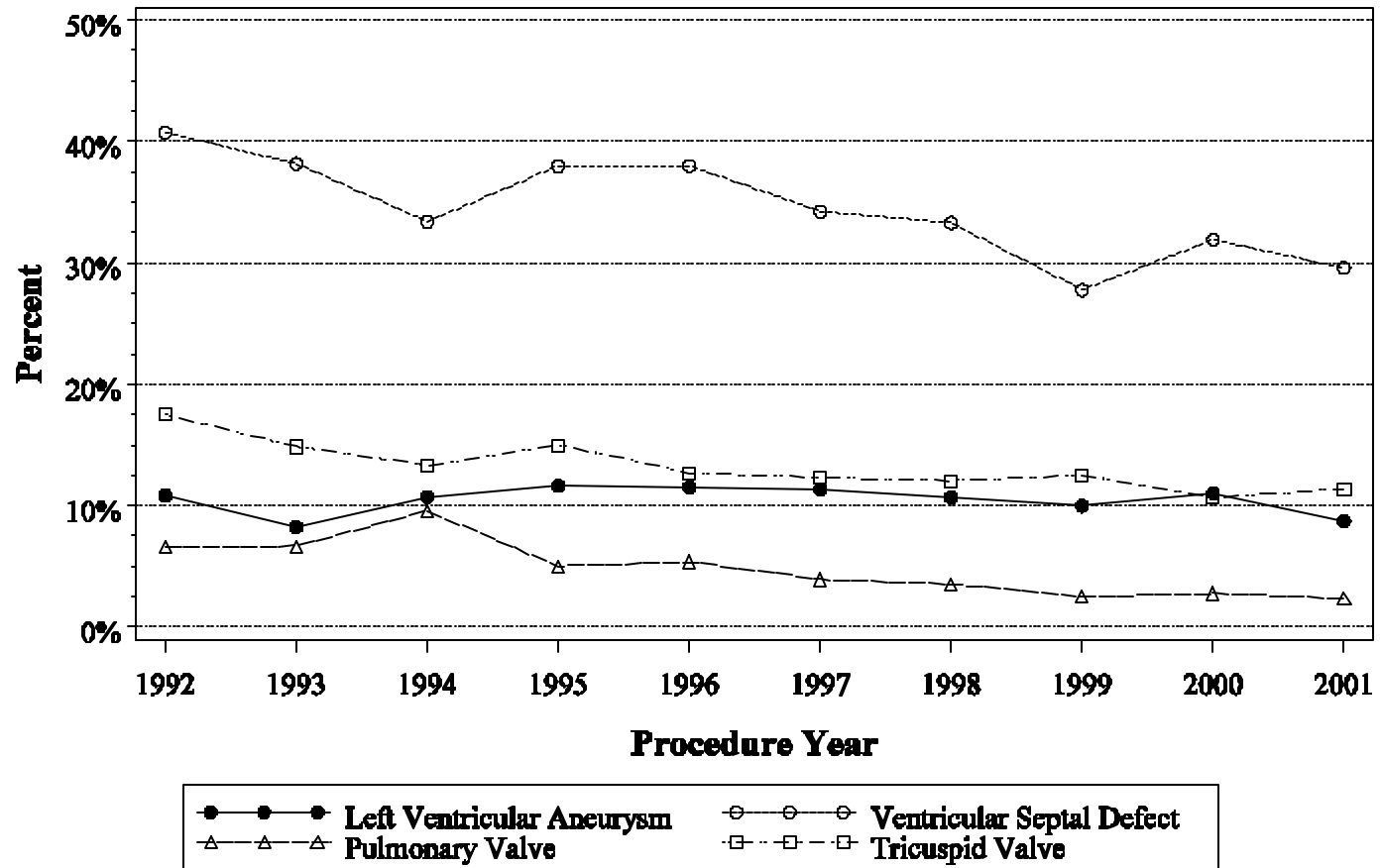
## Mean Post-Procedure Length of Stay for Mitral Valve Procedures



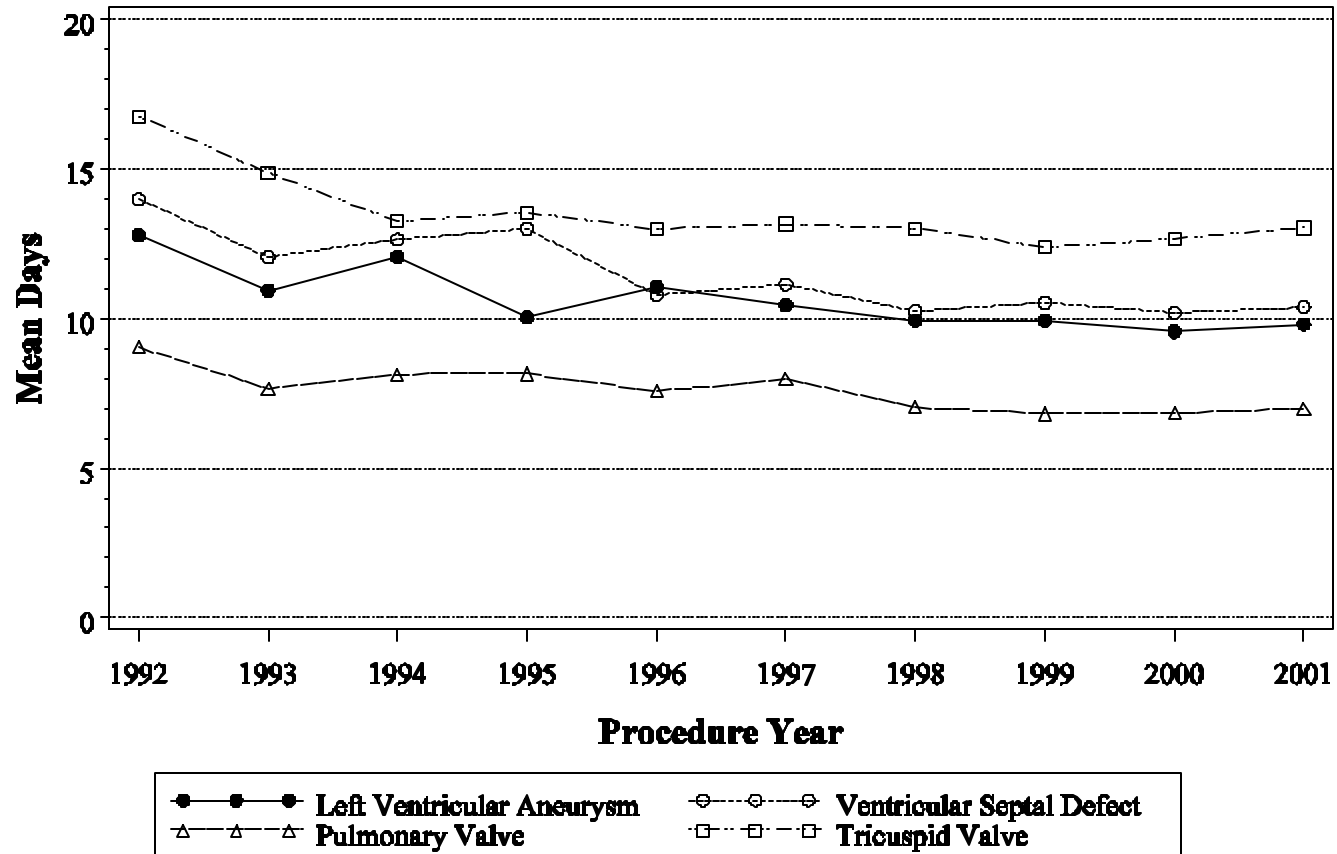
## Number of Selected Other Cardiac Procedures Performed Over Last 10 Years



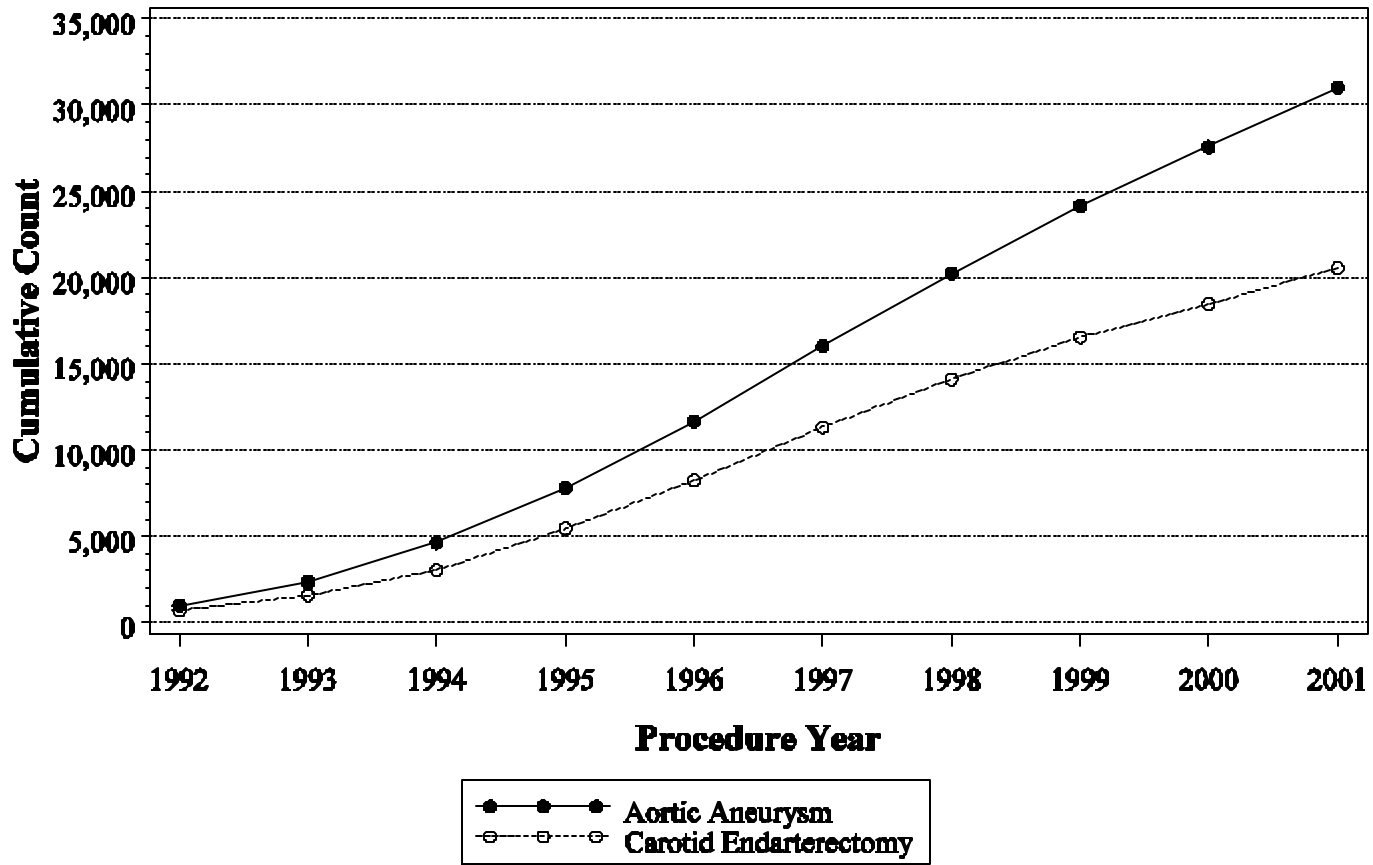
## Unadjusted Other Cardiac Operative Mortality



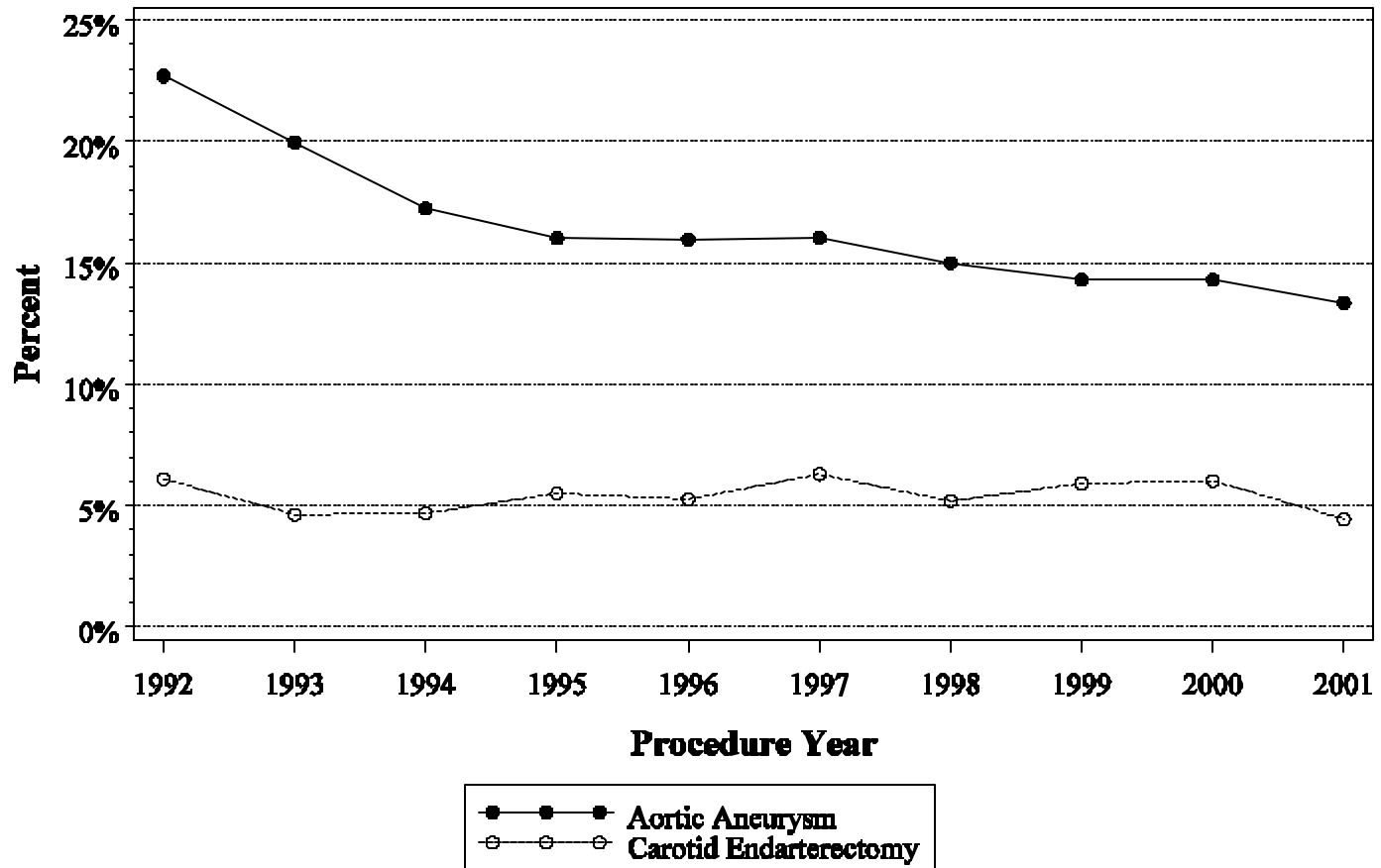
## Mean Post-Procedure Length of Stay for Other Cardiac Procedures



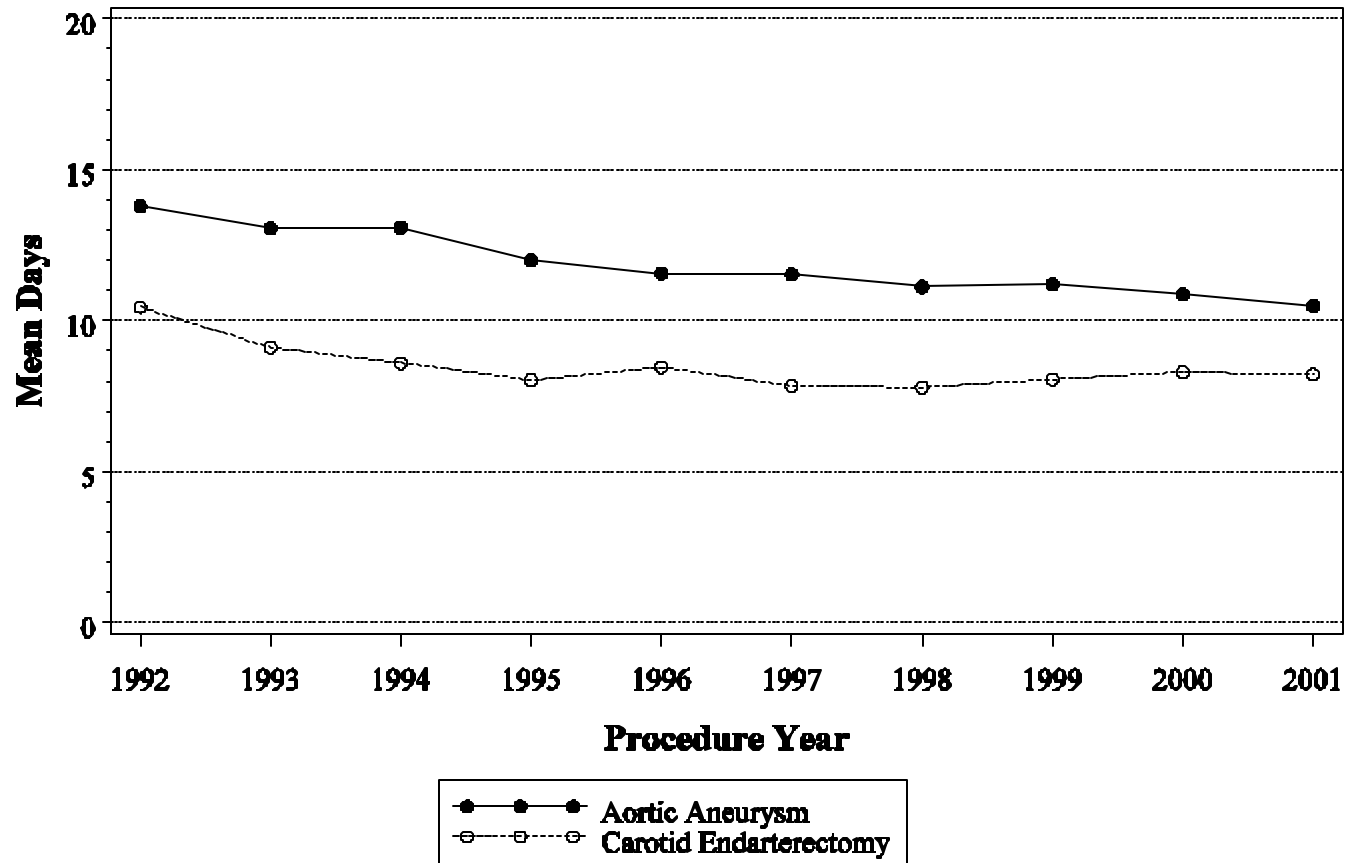
### Number of Selected Other Non-Cardiac Procedures Performed Over Last 10 Years



## 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 1992 to Dec 2001 Procedure Distribution**

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
<b>Yearly Number of Sites in Analysis</b>	207	261	337	404	453	467	461	381	342	367
<b>Yearly Overall Procedure Count</b>	82,756	107,803	152,064	200,293	235,377	252,688	240,590	209,946	191,092	179,888

<b>Major Procedures</b>										
Isolated CAB	62,317	81,059	115,679	153,414	182,911	192,543	181,774	155,581	138,826	128,530
Isolated Aortic Valve Replace	3,492	4,563	6,367	7,836	8,969	9,932	10,108	9,082	8,637	8,382
Isolated Mitral Valve Replace	1,845	2,215	3,057	3,800	4,275	5,048	5,134	4,293	4,055	3,527
Aortic Valve Replace + CAB	2,700	3,742	5,707	7,552	9,212	10,444	10,908	10,036	9,489	9,190
Mitral Valve Replace + CAB	1,057	1,332	1,955	2,629	3,003	3,467	3,575	3,101	2,773	2,516
Aortic + Mitral Valve Replace	446	568	775	959	1,086	1,230	1,191	1,035	967	841
Mitral Valve Repair	458	627	982	1,256	1,586	2,234	2,262	2,077	2,214	2,278
Mitral Valve Repair + CAB	432	616	994	1,427	1,753	2,297	2,239	1,953	2,450	2,787
Not Classified Above	10,009	13,081	16,548	21,420	22,582	25,493	23,399	22,788	21,681	21,837

<b>Incidence of Other Procedures</b>										
Pulmonary Valve	61	90	147	199	373	461	543	527	437	423
Tricuspid Valve	463	639	909	1,292	1,410	1,880	1,751	1,662	1,734	1,941
LVA - Left Ventricular Aneurysm Repair	490	522	615	852	1,095	1,180	1,057	1,043	698	768
VSD - Ventricular Septal Defect Repair	189	246	335	476	518	576	525	547	385	375
ASD - Atrial Septal Defect Repair	566	742	971	1,354	1,601	1,934	1,852	1,999	1,835	1,803
Batista	6	5	1	7	11	69	30	182	8	11
Congenital Defect Repair	246	303	524	497	548	600	577	680	472	555
Transmyocardial Laser Revascularization	1	0	1	13	61	148	194	652	1,487	1,384
Cardiac Trauma	29	52	73	97	97	134	98	233	94	86
Cardiac Transplant	179	268	439	497	575	657	558	699	438	385
AICD - Automatic Implanted Cardioverter Defibrillator	991	1,076	1,087	993	583	604	330	363	231	221
Aortic Aneurysm	995	1,362	2,272	3,152	3,882	4,358	4,236	3,897	3,430	3,465
Carotid Endarterectomy	704	886	1,450	2,400	2,790	3,106	2,778	2,435	1,924	2,095
Other Vascular	627	837	1,146	1,505	1,692	1,624	1,372	1,343	1,095	1,291
Other Thoracic	830	1,229	1,463	1,752	1,939	1,915	1,541	1,528	1,353	1,506

