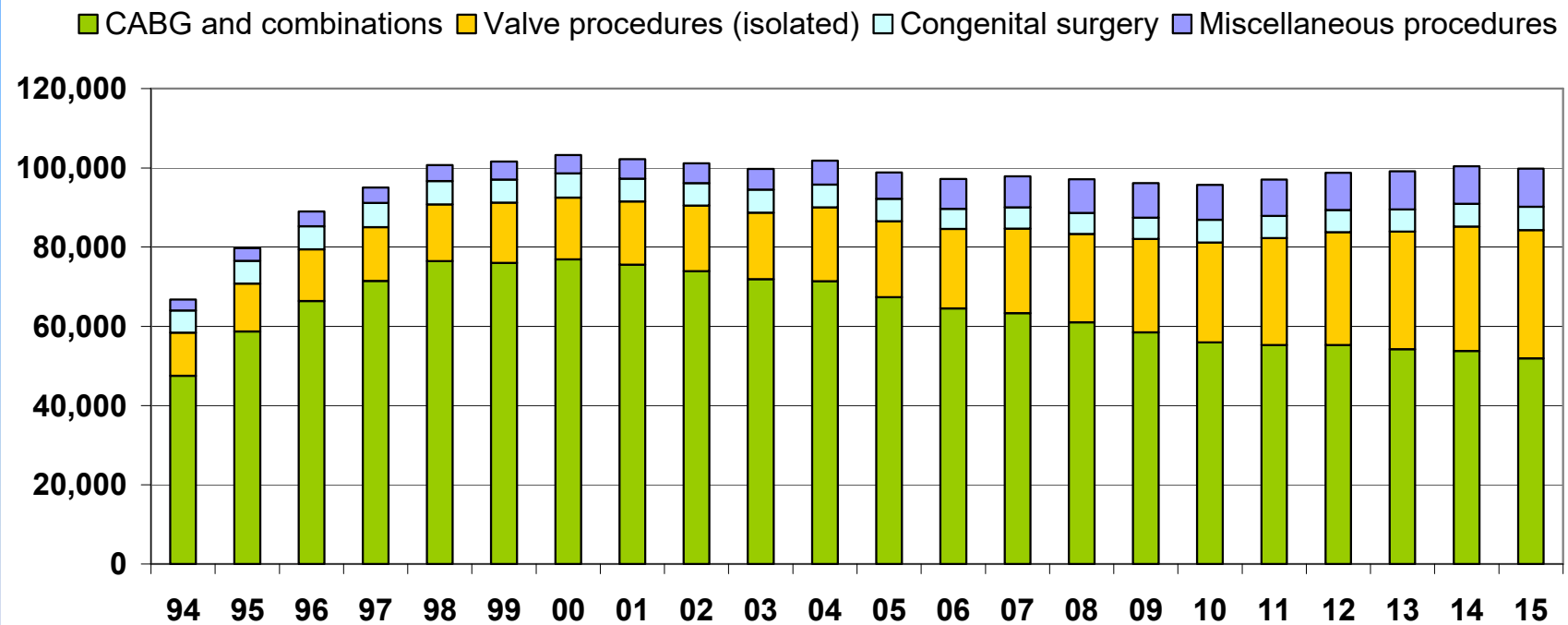


Deutsche Gesellschaft für Thorax-, Herz- und Gefäßchirurgie

DGTHG-Leistungsstatistik 2015

www.dgthg.de

Development of heart surgery in Germany 1994 - 2015

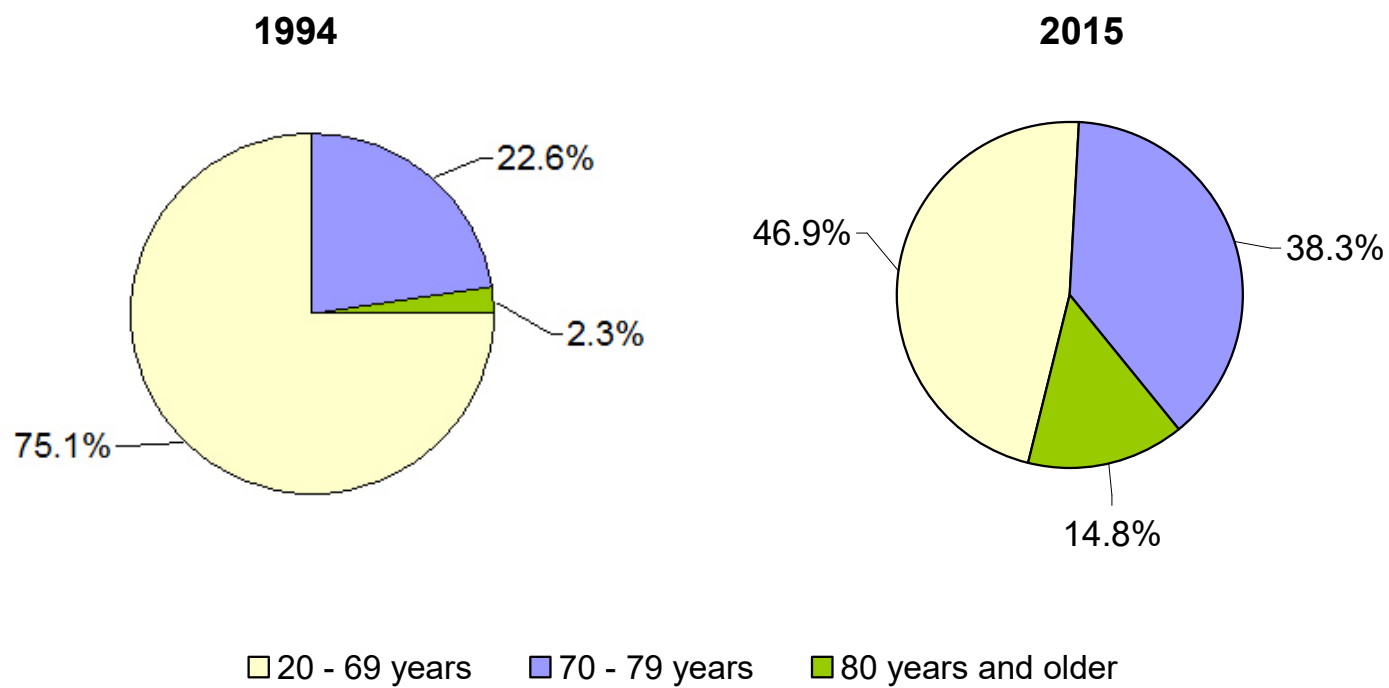




	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Isolated CABG (w/o CPB)	51,273	49,713	47,337	45,171	42,804	41,976	42,060	40,410	40,006	38,601
CABG + other heart surgery	13,229	13,651	13,721	13,324	13,129	13,323	13,242	13,856	13,799	13,340
isolierte Klappenchirurgie (mit/ohn	20,107	21,312	22,243	23,556	25,127	26,972				
Isolated valve surgery with CPB	20,066	21,151	21,343	21,404	21,554	21,887	21,918	22,119	22,335	21,892
Isolated valve surgery without CPB	41	161	900	2,152	3,573	5,085	6,603	7,553	9,024	10,454
Congenital heart surgery	5,026	5,312	5,275	5,316	5,722	5,599	5,593	5,576	5,779	5,892
Thoracic aorta with CPB	4,980	5,344	5,577	5,888	6,342	6,658	6,805	7,045	7,117	7,265
Other heart surgery with CPB	2,553	2,510	2,933	2,874	2,550	2,505	2,571	2,573	2,334	2,350
Total	97,168	97,842	97,086	96,129	95,674	97,033	98,792	99,132	100,394	99,794
PM / ICD (without CPB)	21,673	23,915	23,409	23,638	24,779	25,929	25,139	25,679	26,212	26,518
Other heart surgery without CPB	1,069	1,132	969	1,108	1,182	1,330	1,197	1,225	1,302	1,206
Aortic surgery without CPB	1,292	390	378	409	426	543	575	626	638	657
sum	24,034	25,437	24,756	25,155	26,387	27,802	26,911	27,530	28,152	28,381
total	121,202	123,279	121,842	121,284	122,061	124,835	125,703	126,662	128,546	128,175

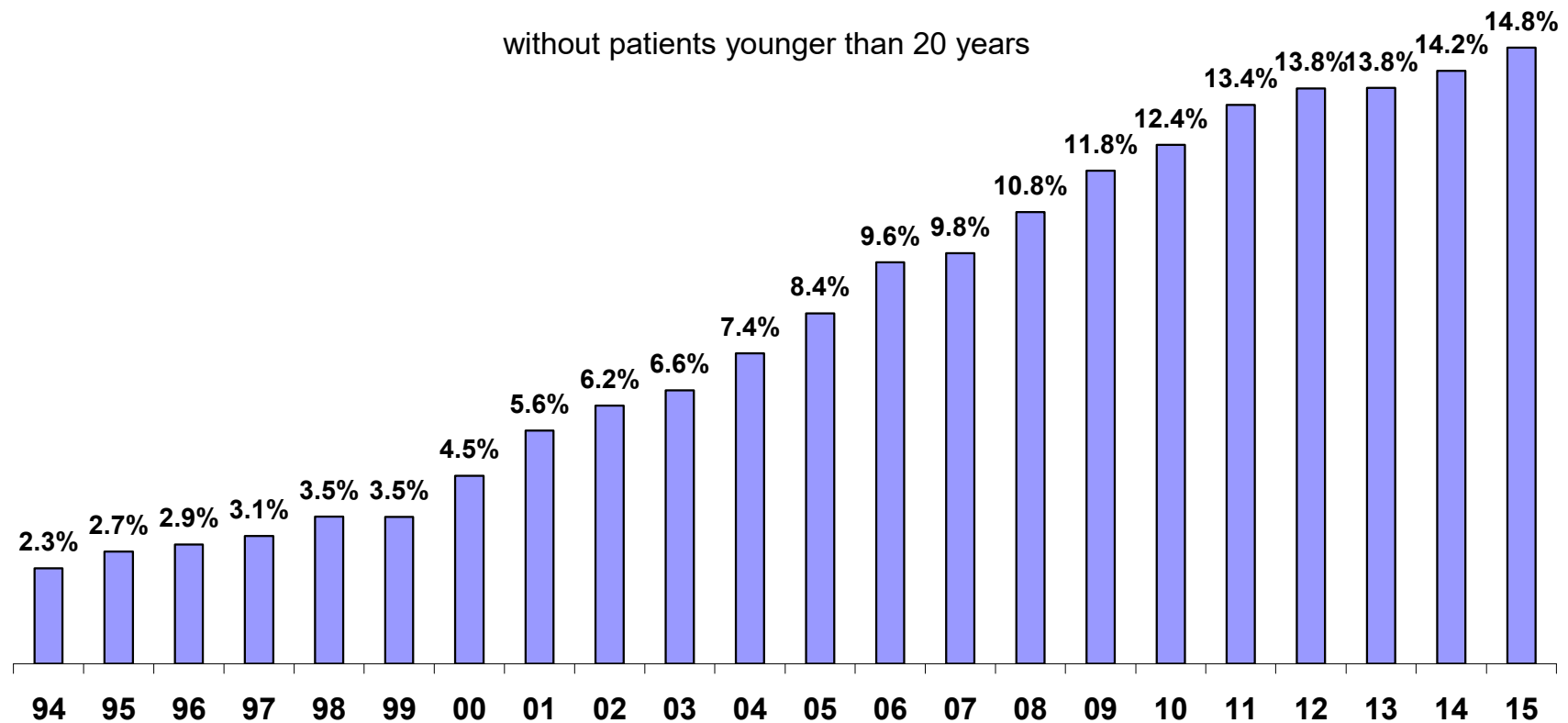
Age distribution 2015

without patients younger than 20 years

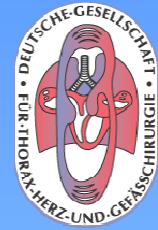


Heart surgery for patients 80 years and older 1994 - 2015

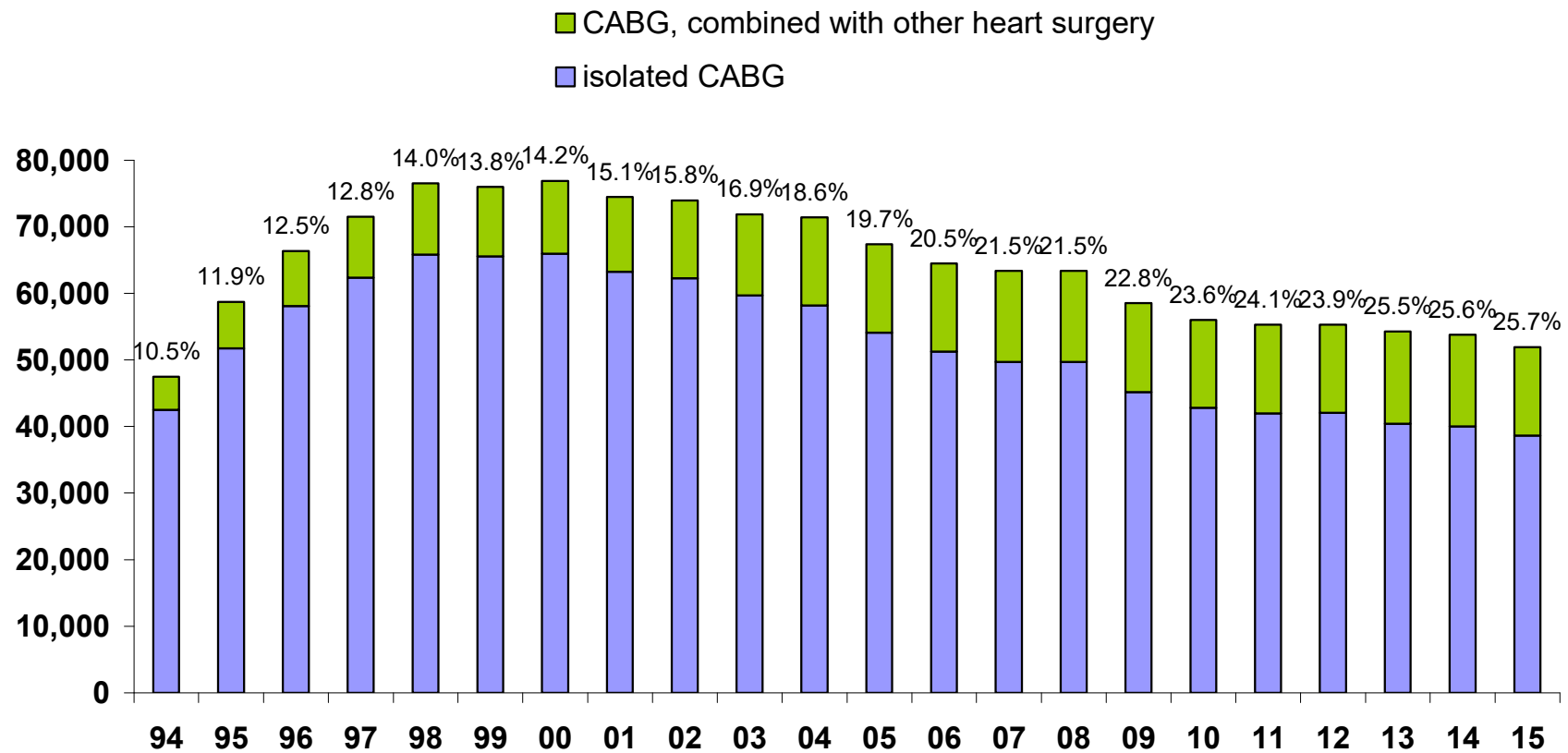
without patients younger than 20 years



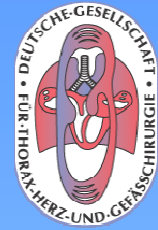
CABG



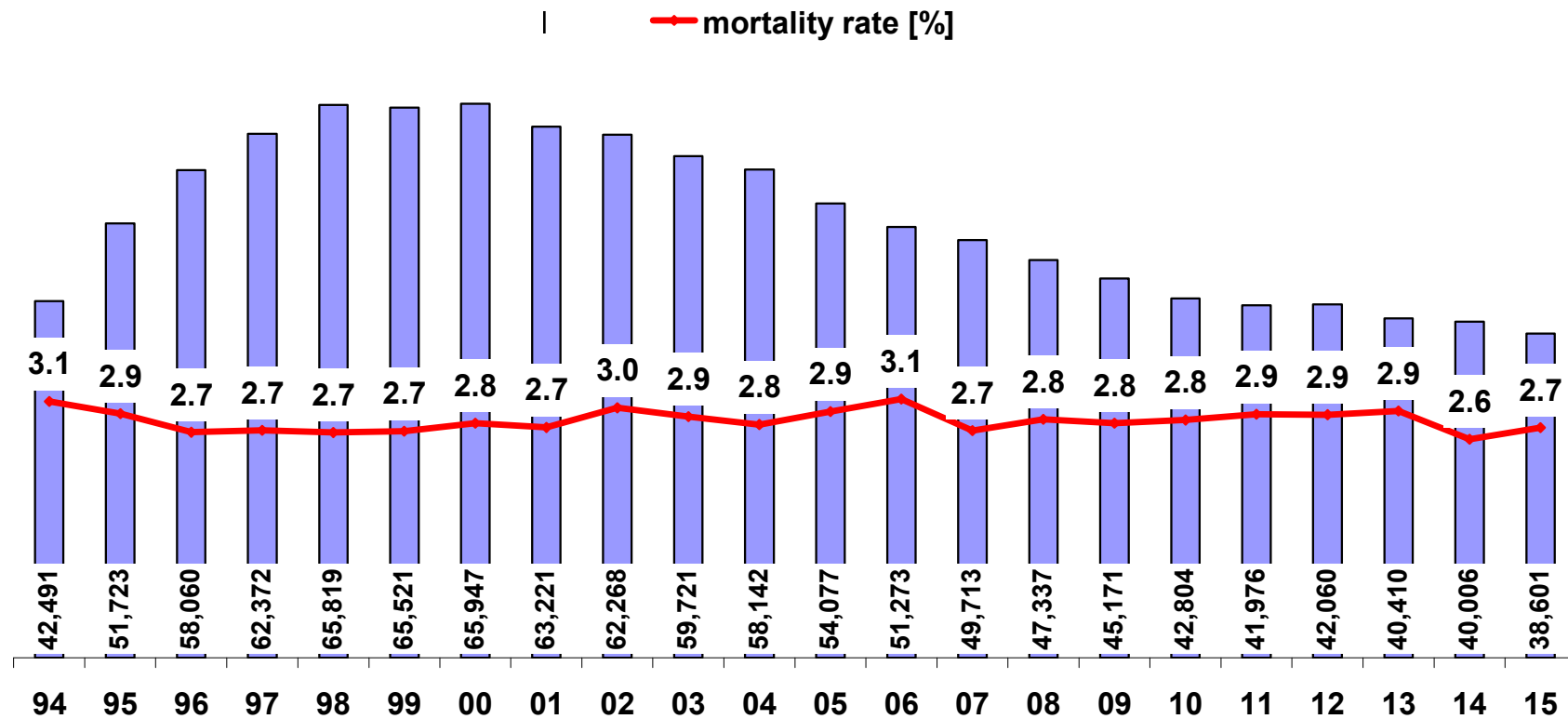
Development of CABG 1994 - 2015



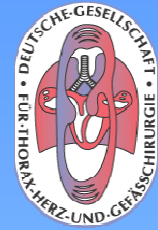
CABG



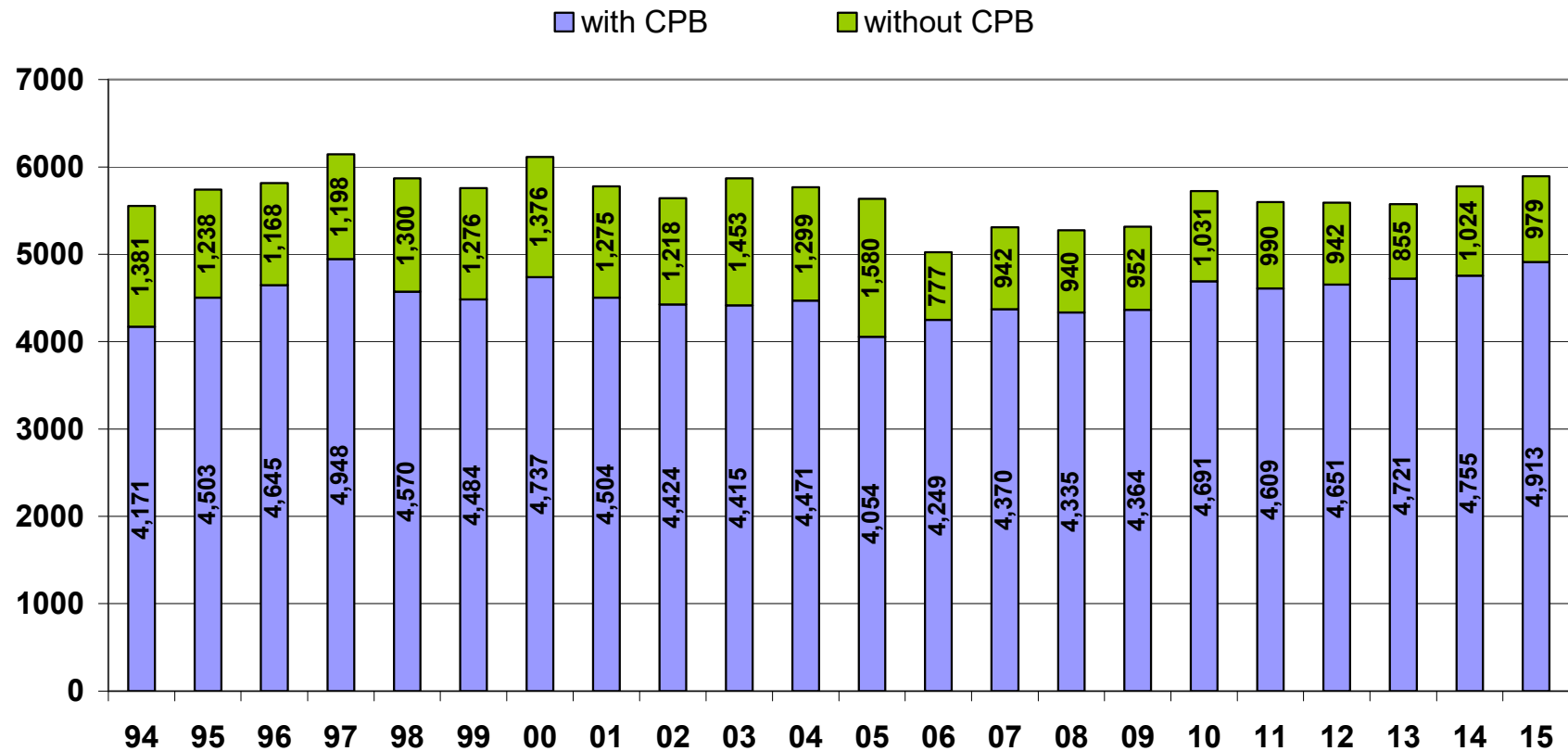
Development of isolated CABG 1994 - 2015



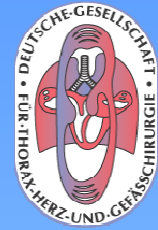
Congenital



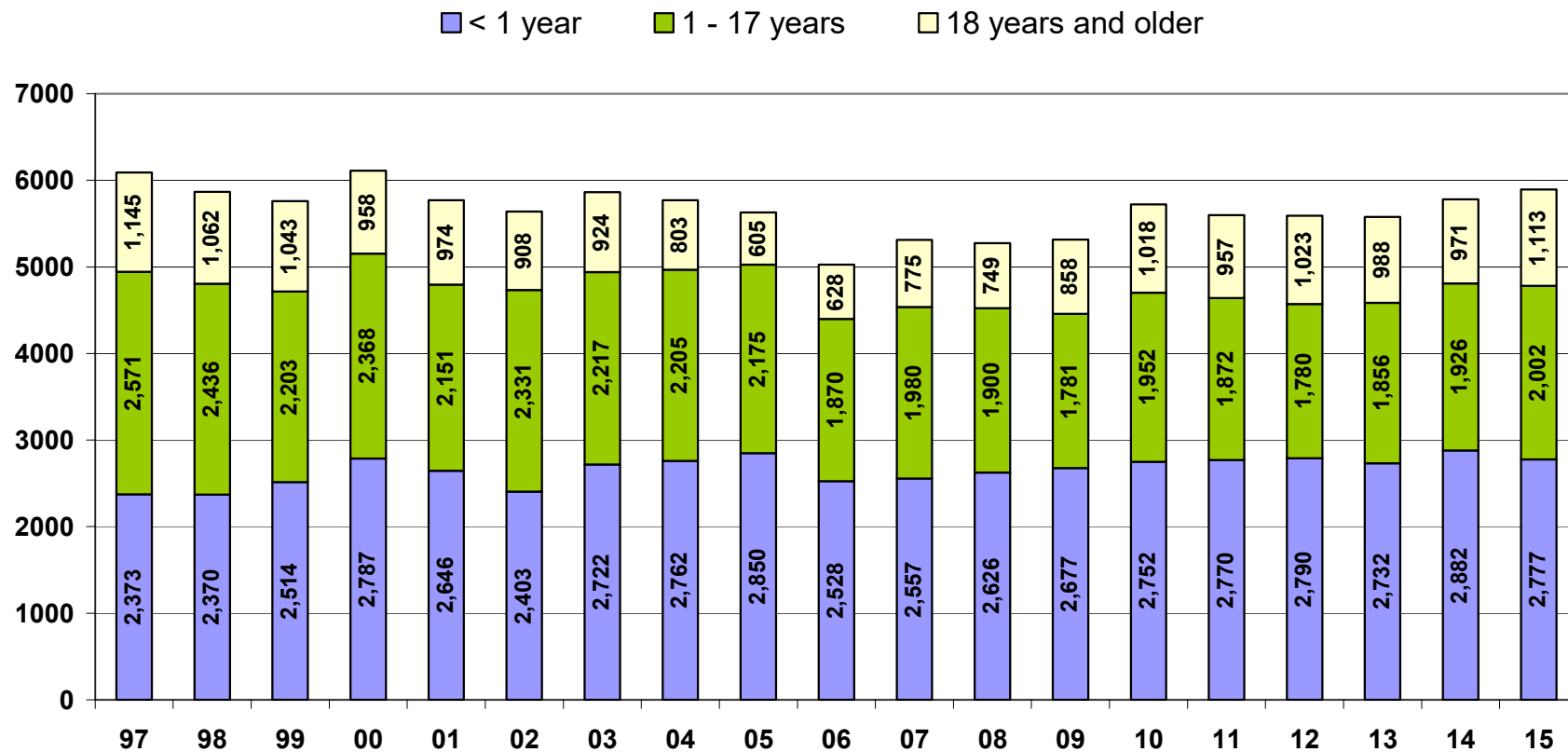
Development of congenital heart surgery 1994 - 2015



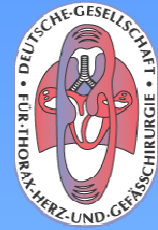
Congenital



Development of congenital heart surgery related to age
1997 - 2015

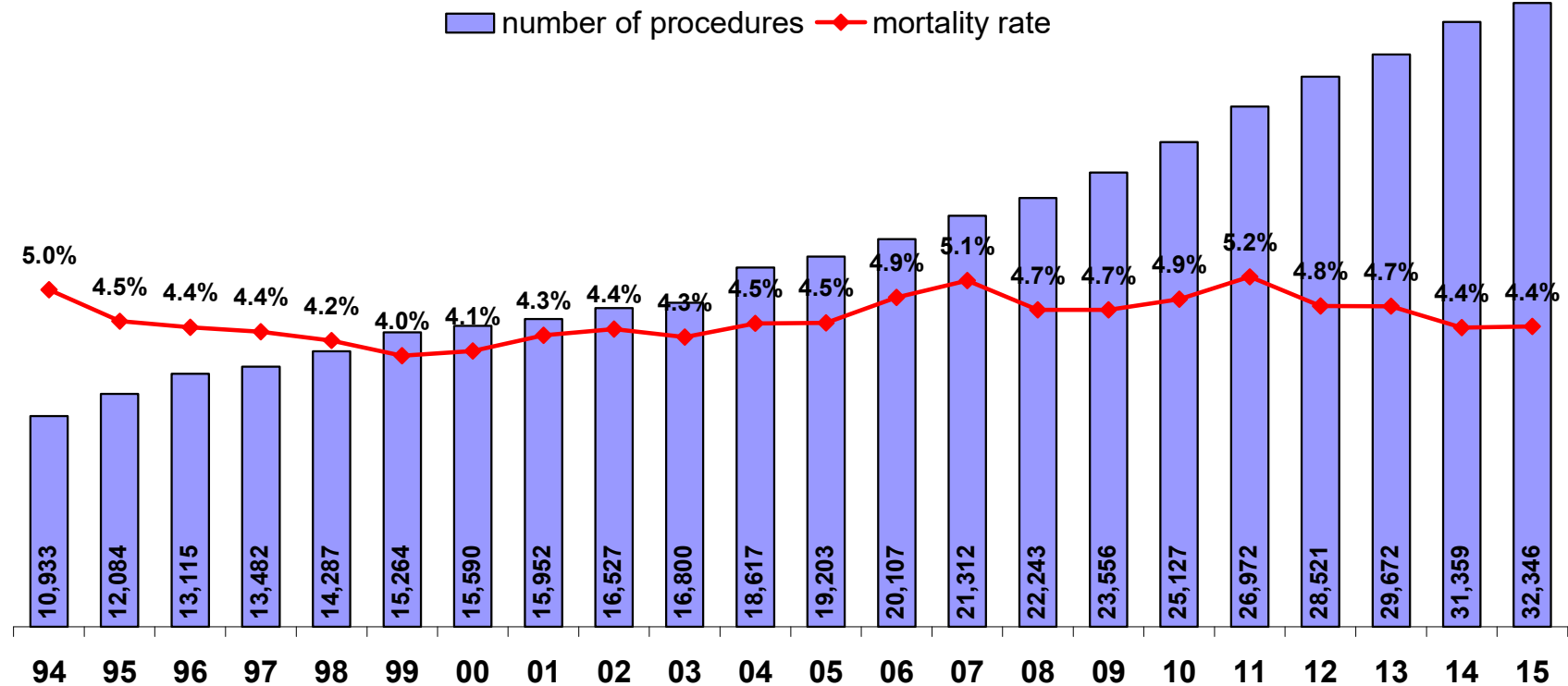


Heart Valve Surgery

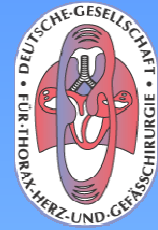


Isolated valve surgery 1994 - 2015

transcatheter procedures are included



Heart Valve Surgery



Isolated valve surgery 2015

Development in Germany

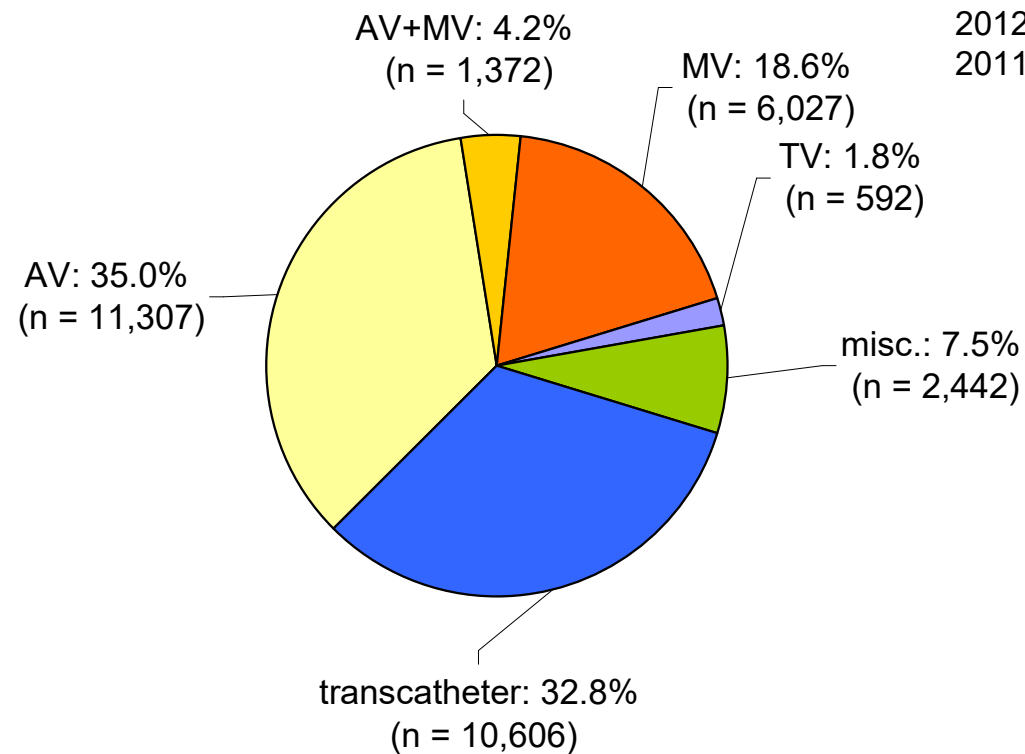
2015: n = 32,346

2014: n = 31,359

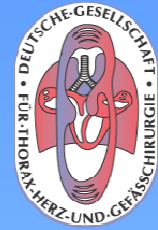
2013: n = 29,672

2012: n = 28,521

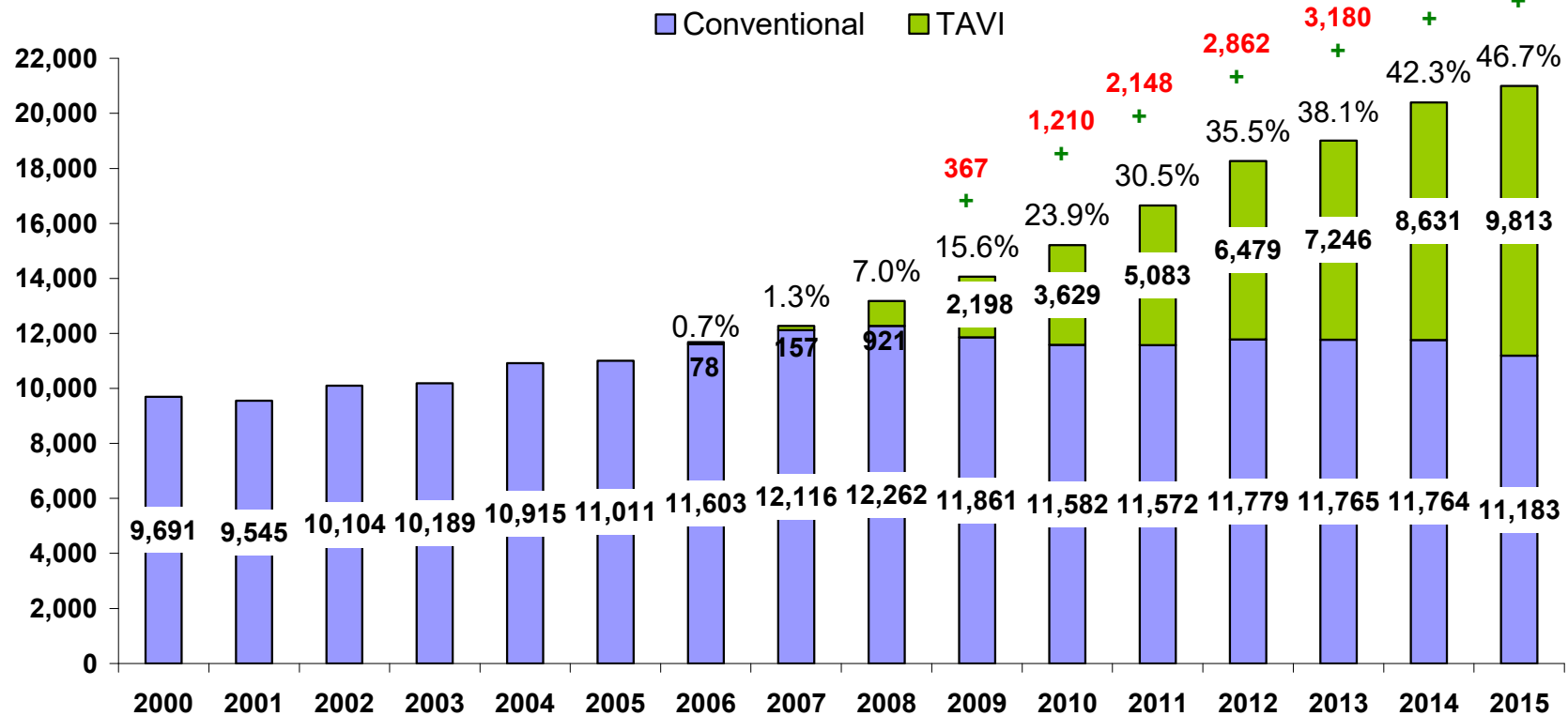
2011: n = 26,972



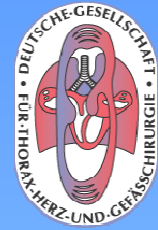
Aortic Valve Surgery



Isolated aortic valve implantation 2000 - 2015



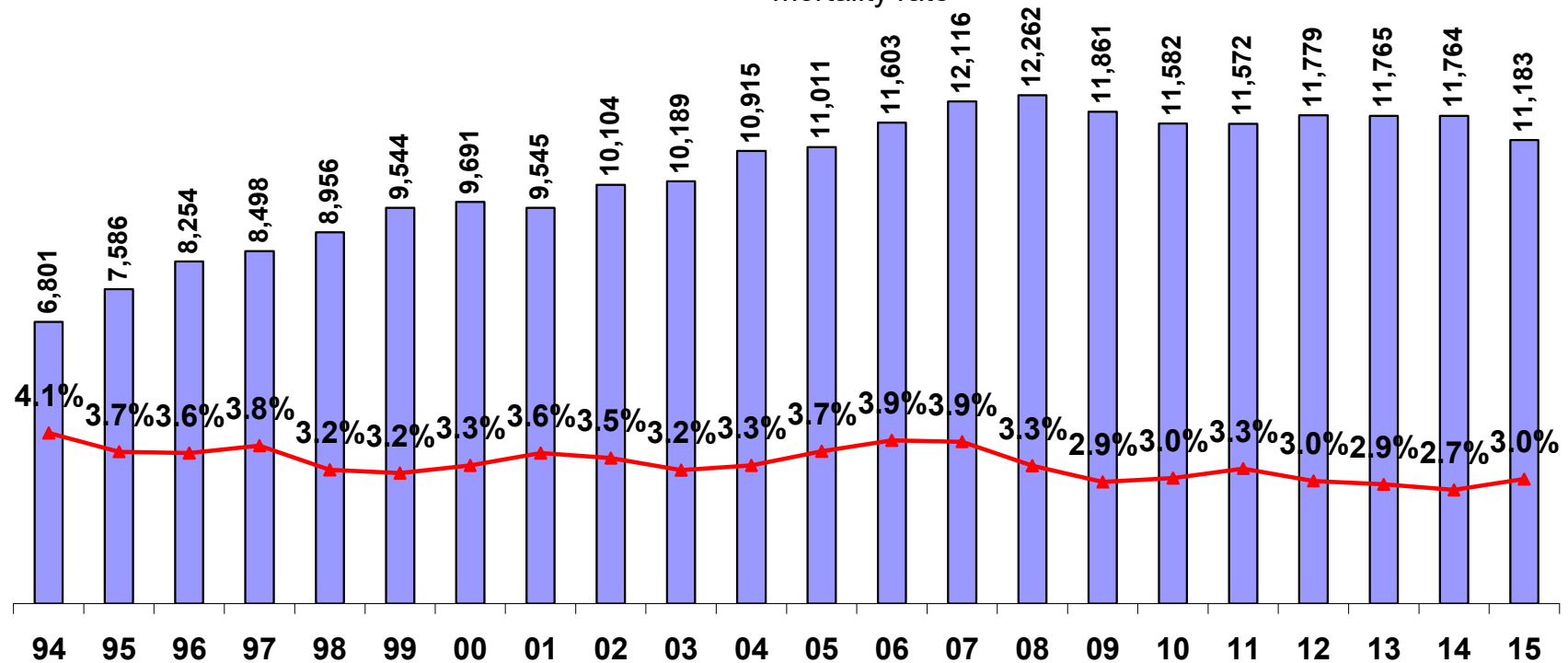
Aortic Valve Surgery



Isolated aortic valve replacement 1994 - 2015

TAVI procedures are excluded

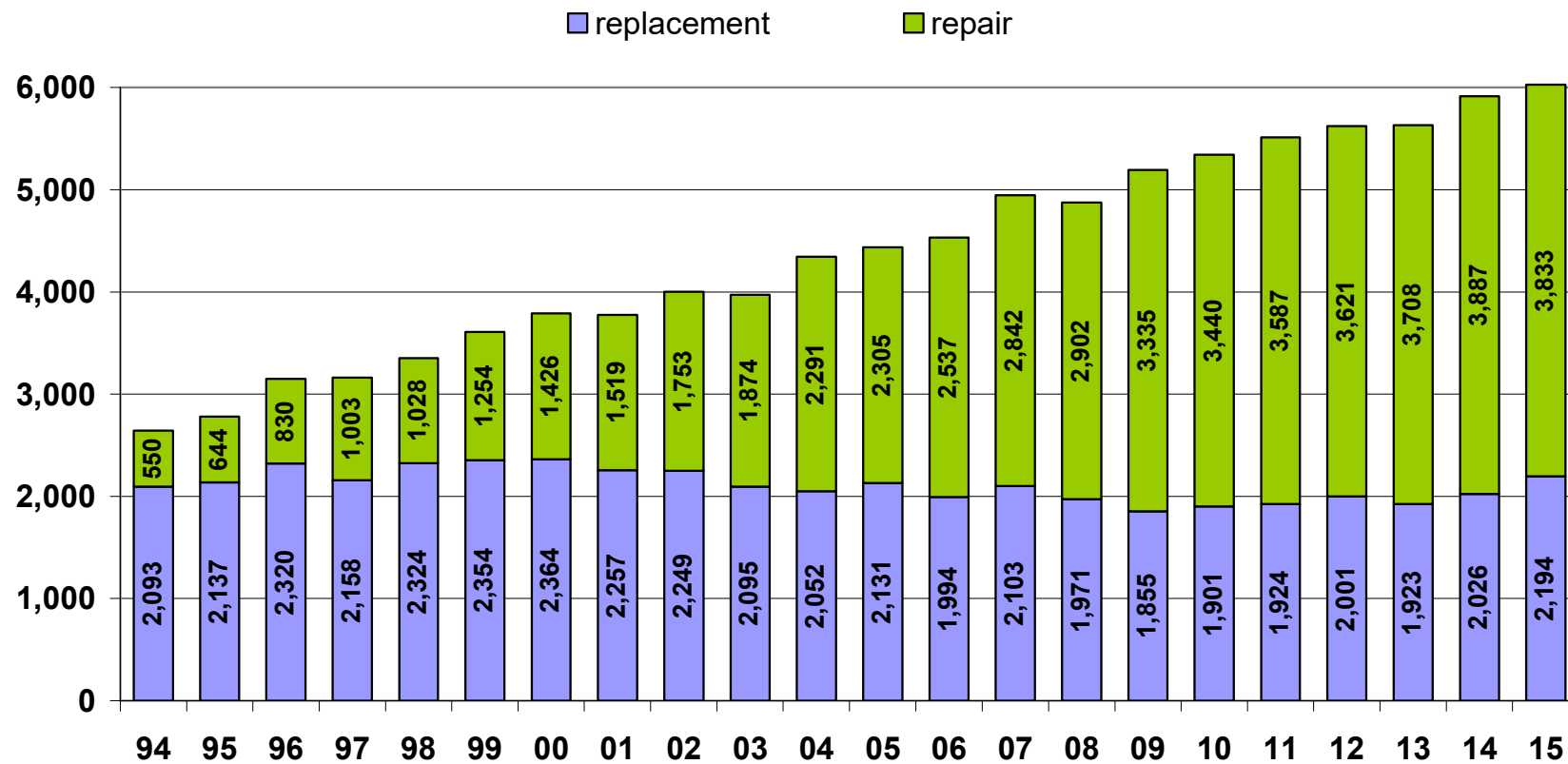
—▲ mortality rate



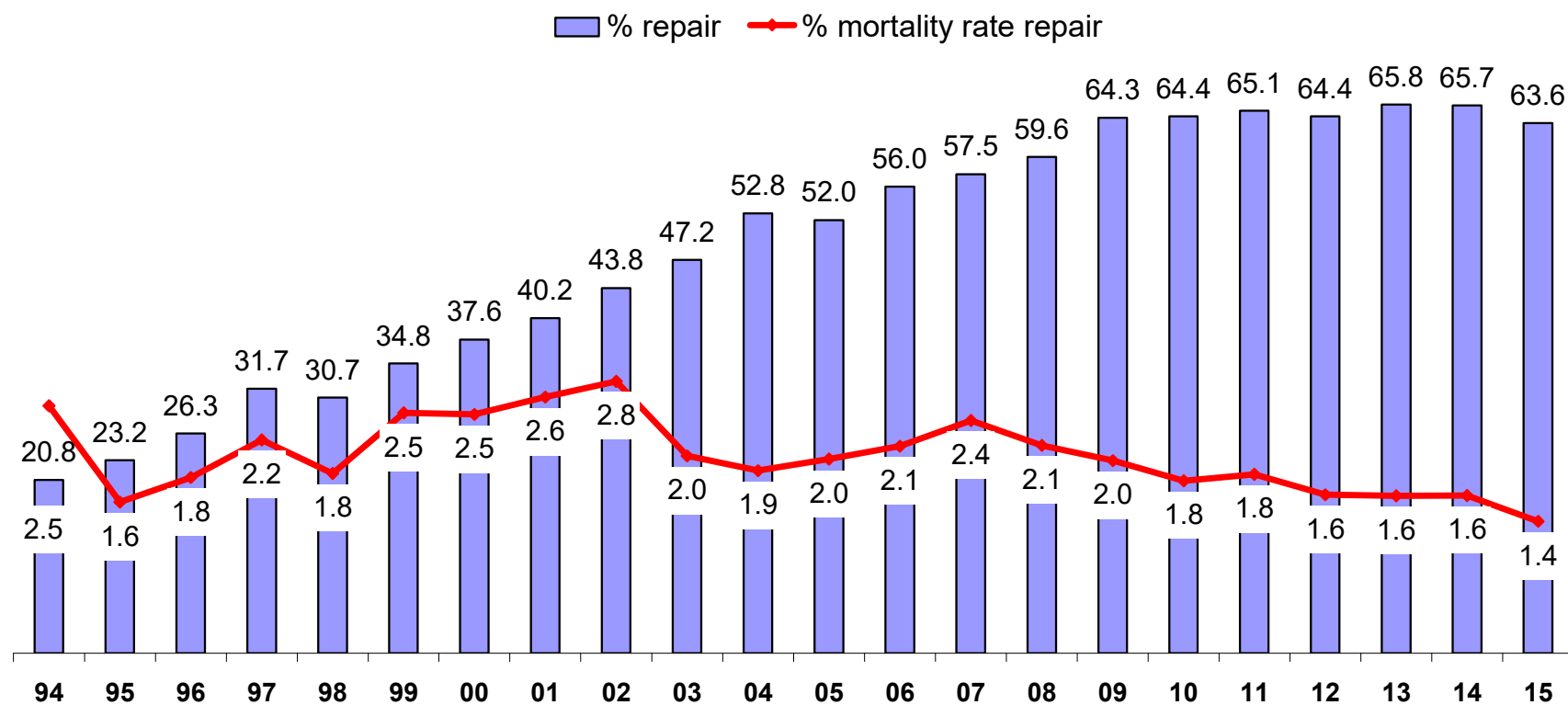
Mitral Valve Surgery



Isolated mitral valve surgery
repair vs. replacement
1994 - 2015



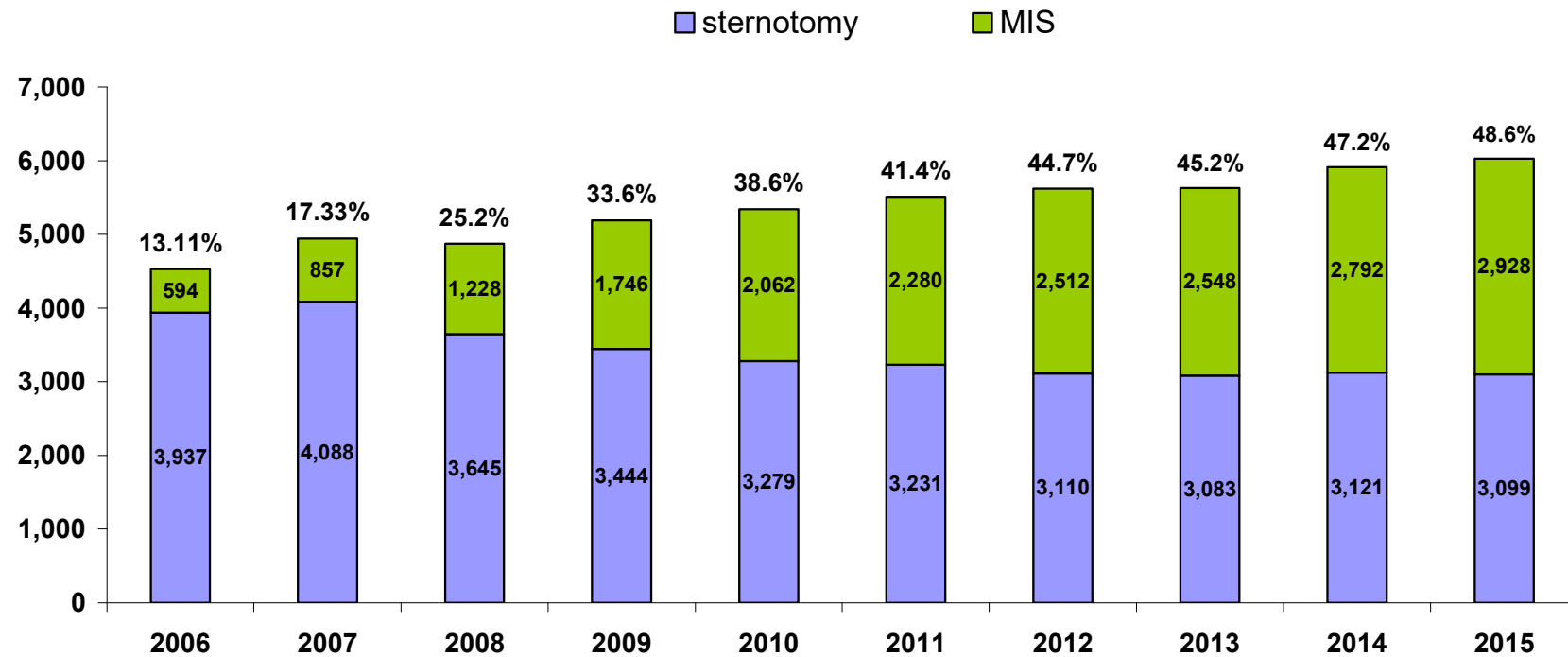
Isolated mitral valve surgery % repair 1994 - 2015



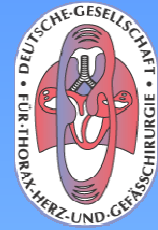
Mitral Valve Surgery



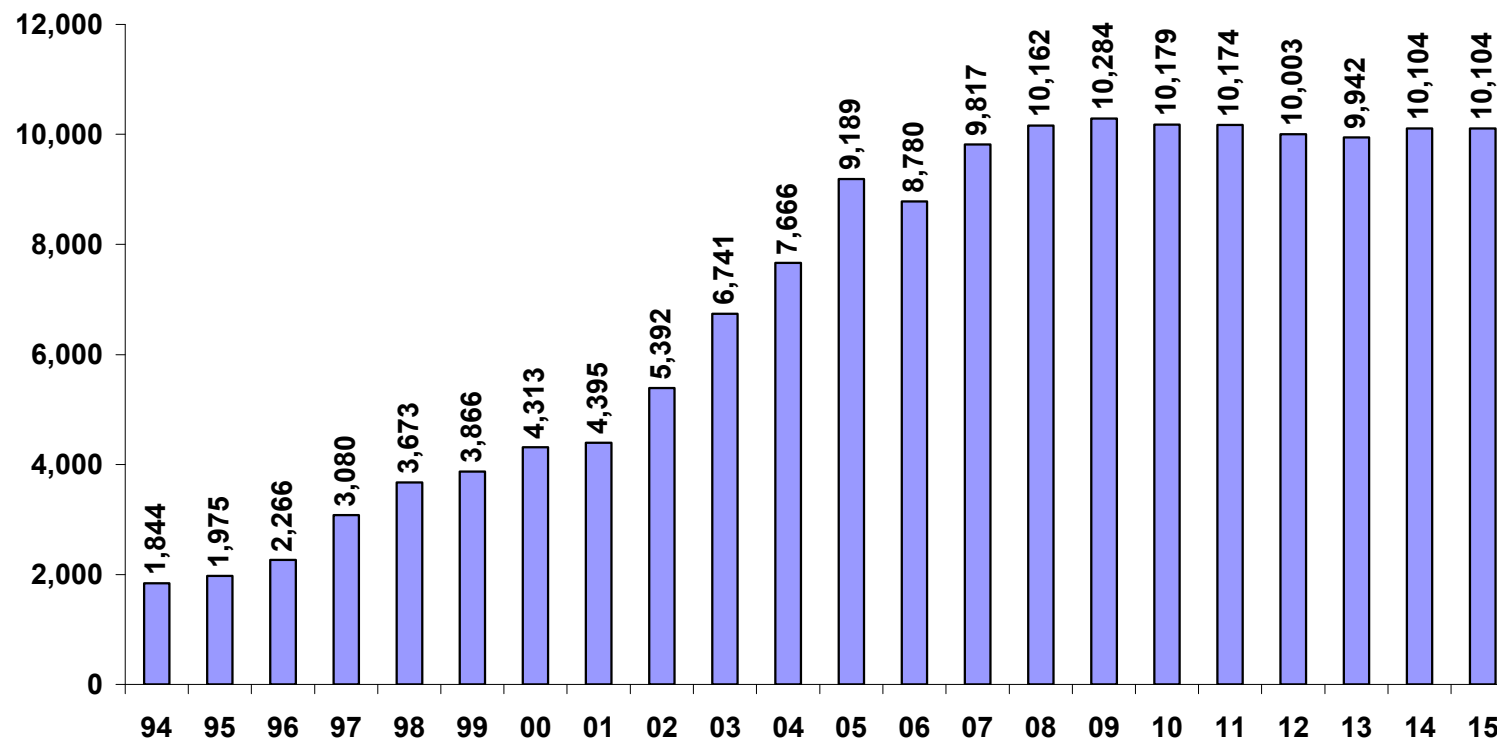
**Isolated mitral valve surgery
% minimally invasive approach
2006 - 2015**



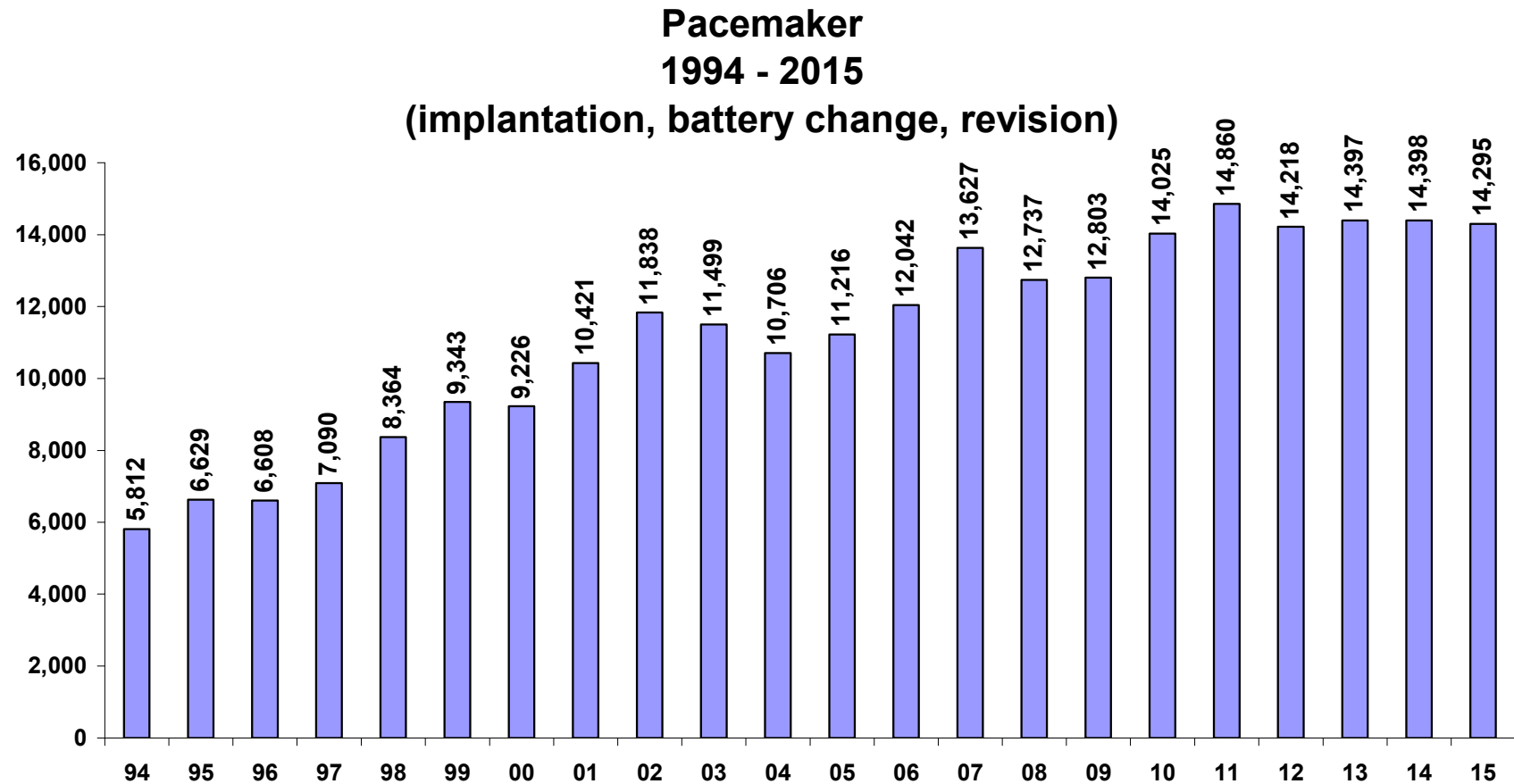
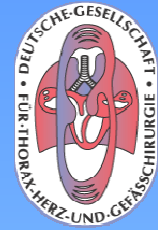
Implan. Defibrillator



**Implantable cardioverter defibrillator
1994 - 2015
(implantation, battery change, revision)**



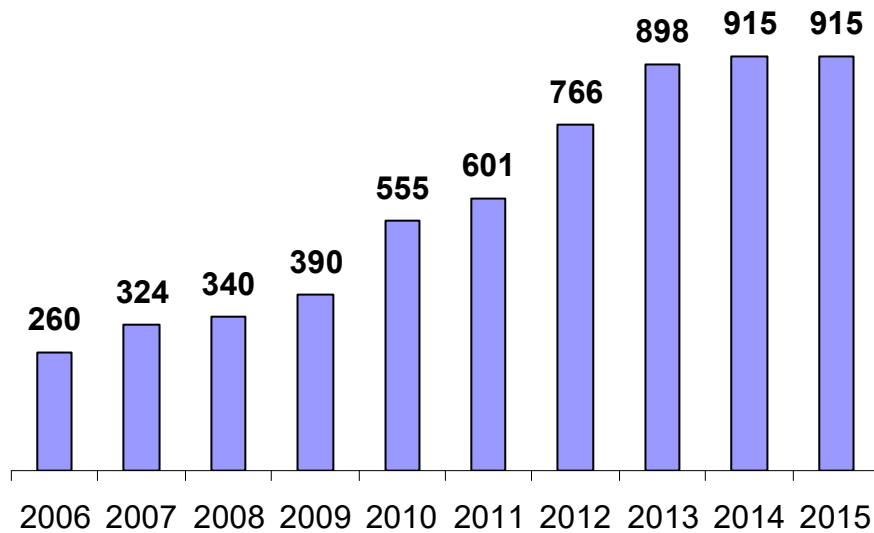
Implan. Pacemaker



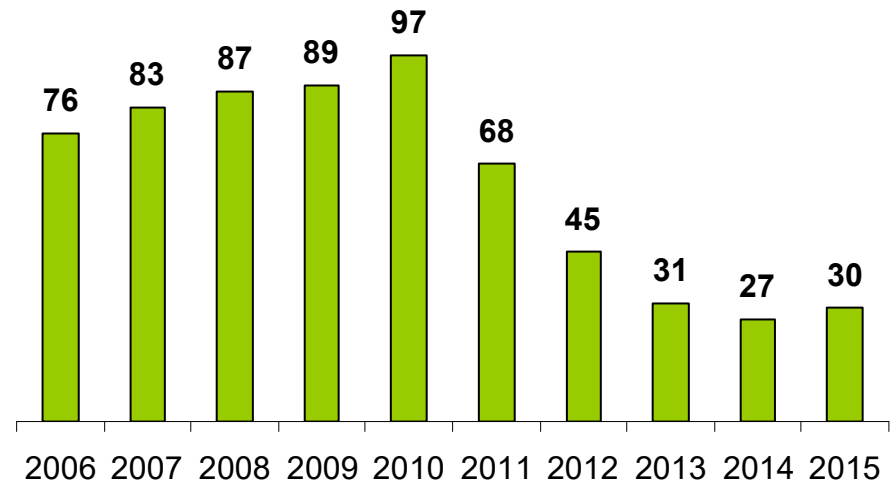
Assist Devices



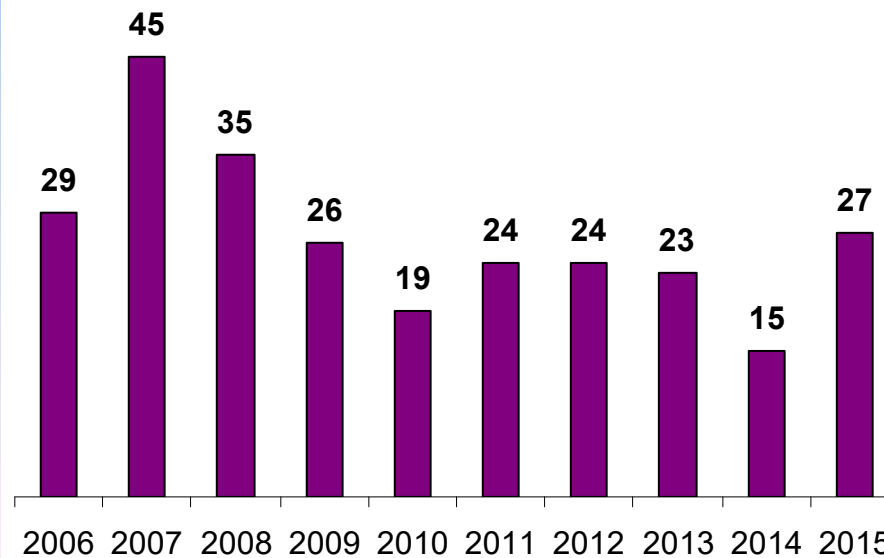
L/RVAD Implantation



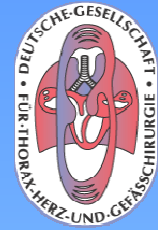
BVAD



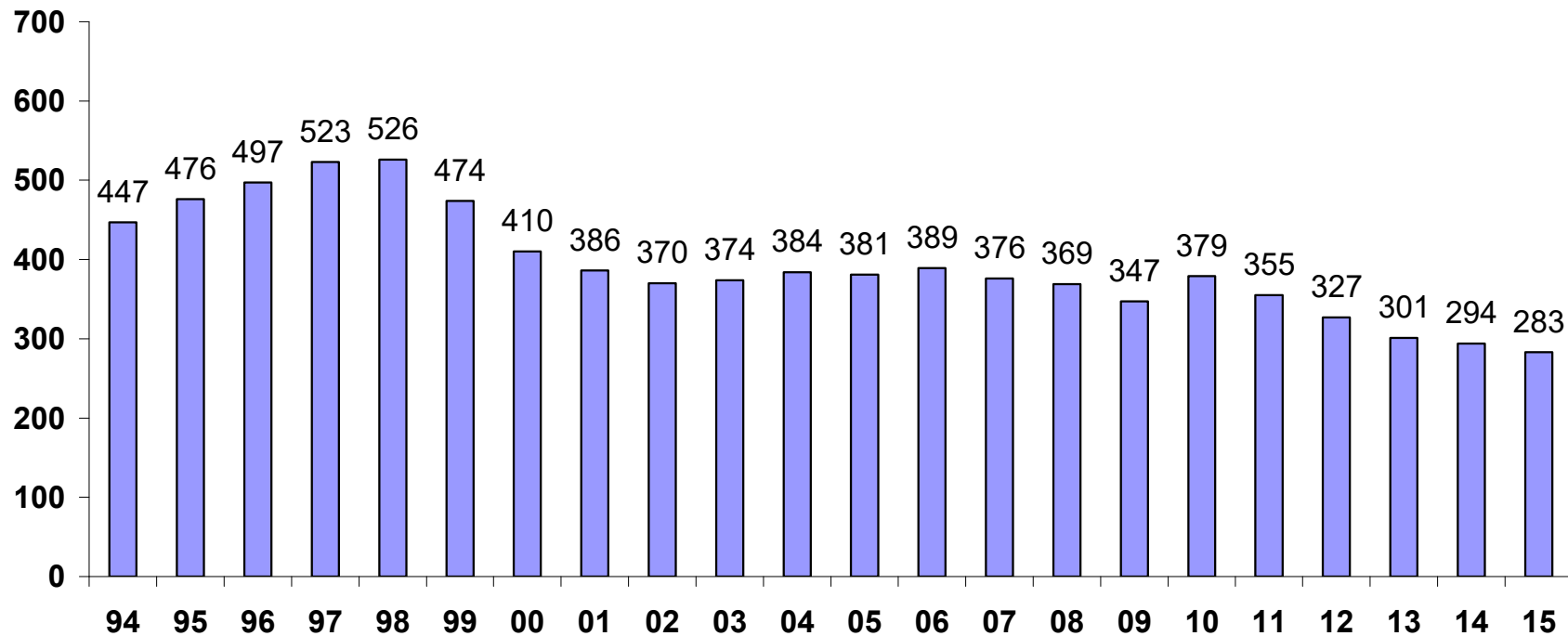
TAH



Transplantation



**Heart transplantation
1994 - 2015**



Heart-lung-transplantations are excluded