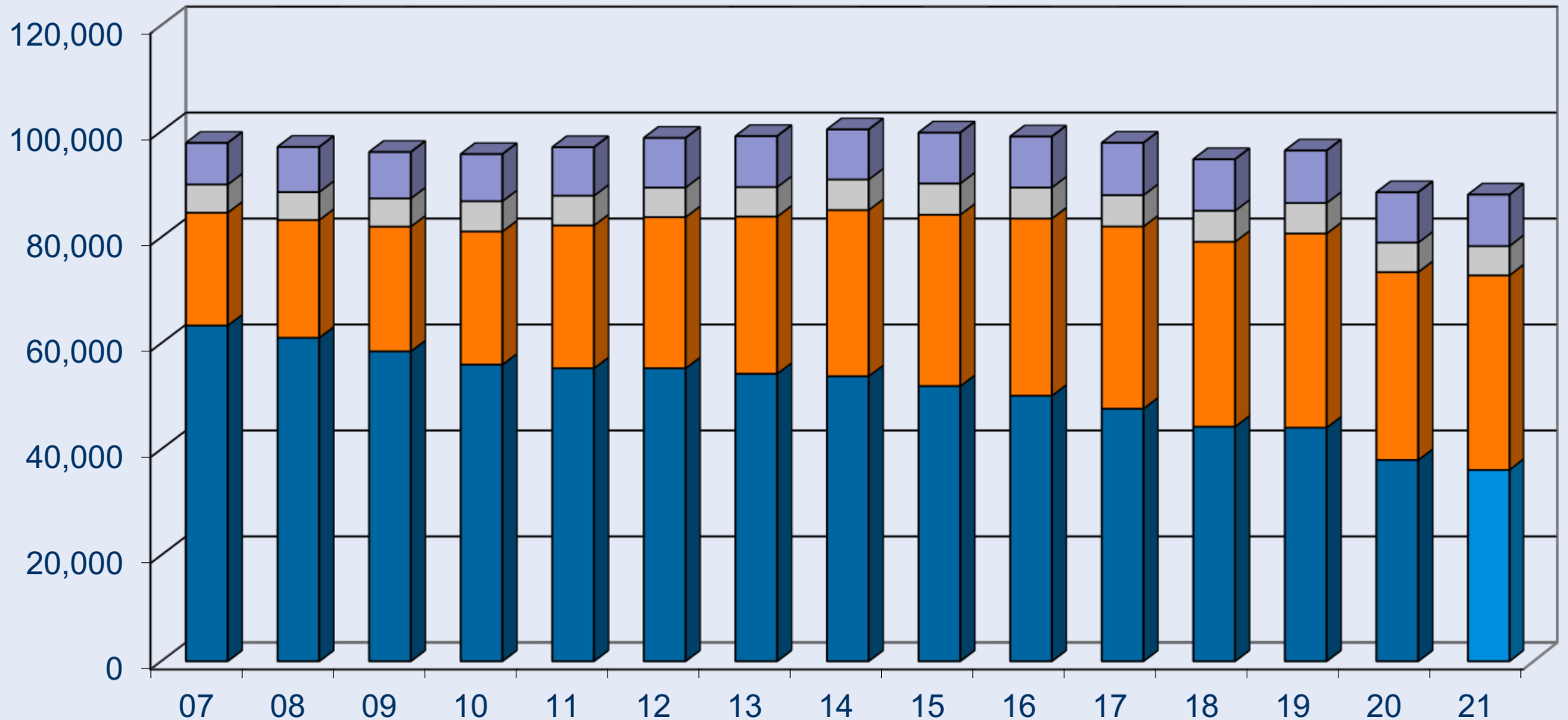
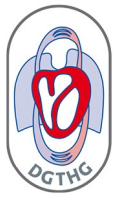




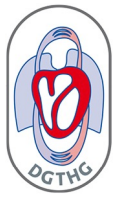
DGTHG- Leistungsstatistik 2021

Heart surgery 2007 - 2021

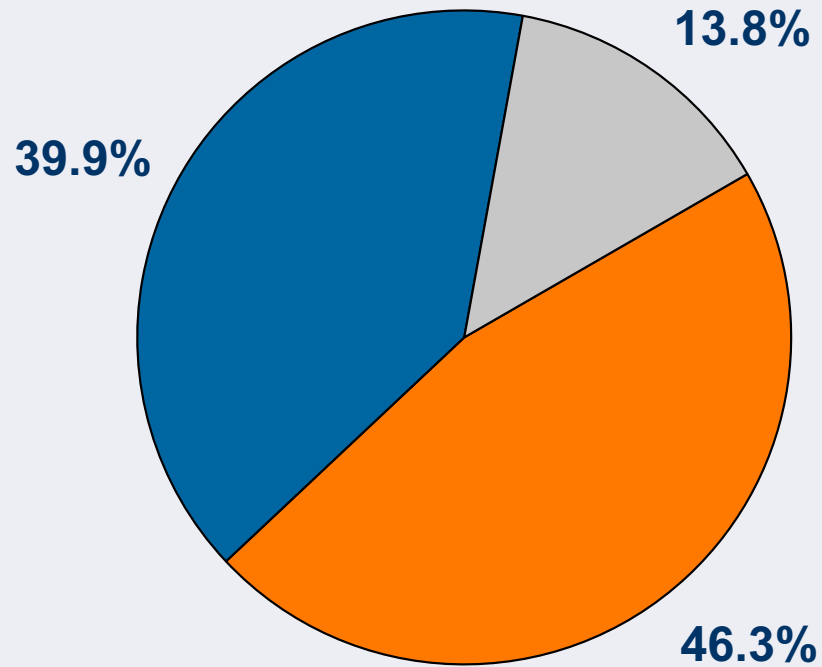


■ CABG and combinations ■ Valve procedures (isolated) ■ Congenital surgery ■ Miscellaneous procedures

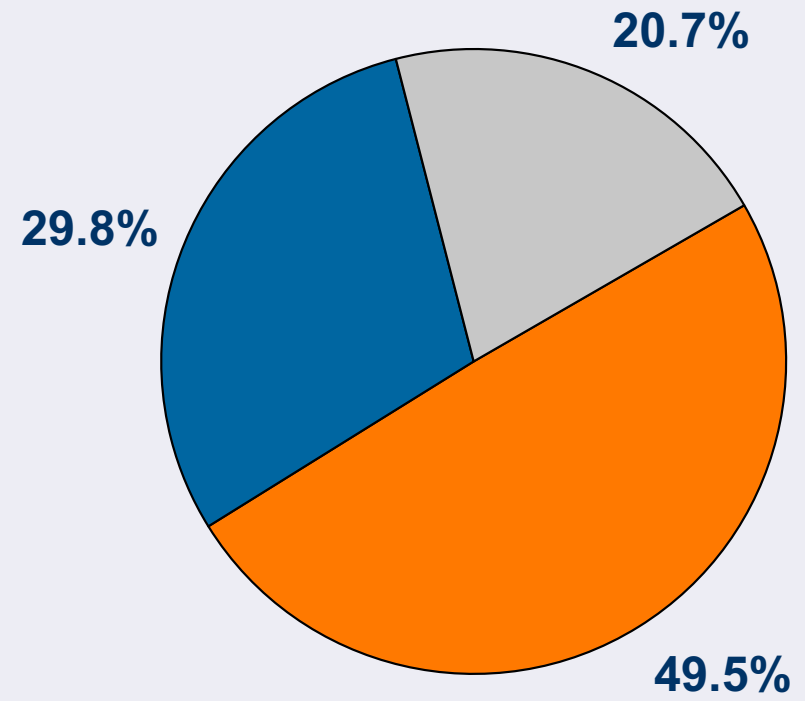
Age distribution 2021 (patients < 20 years excluded)



2012

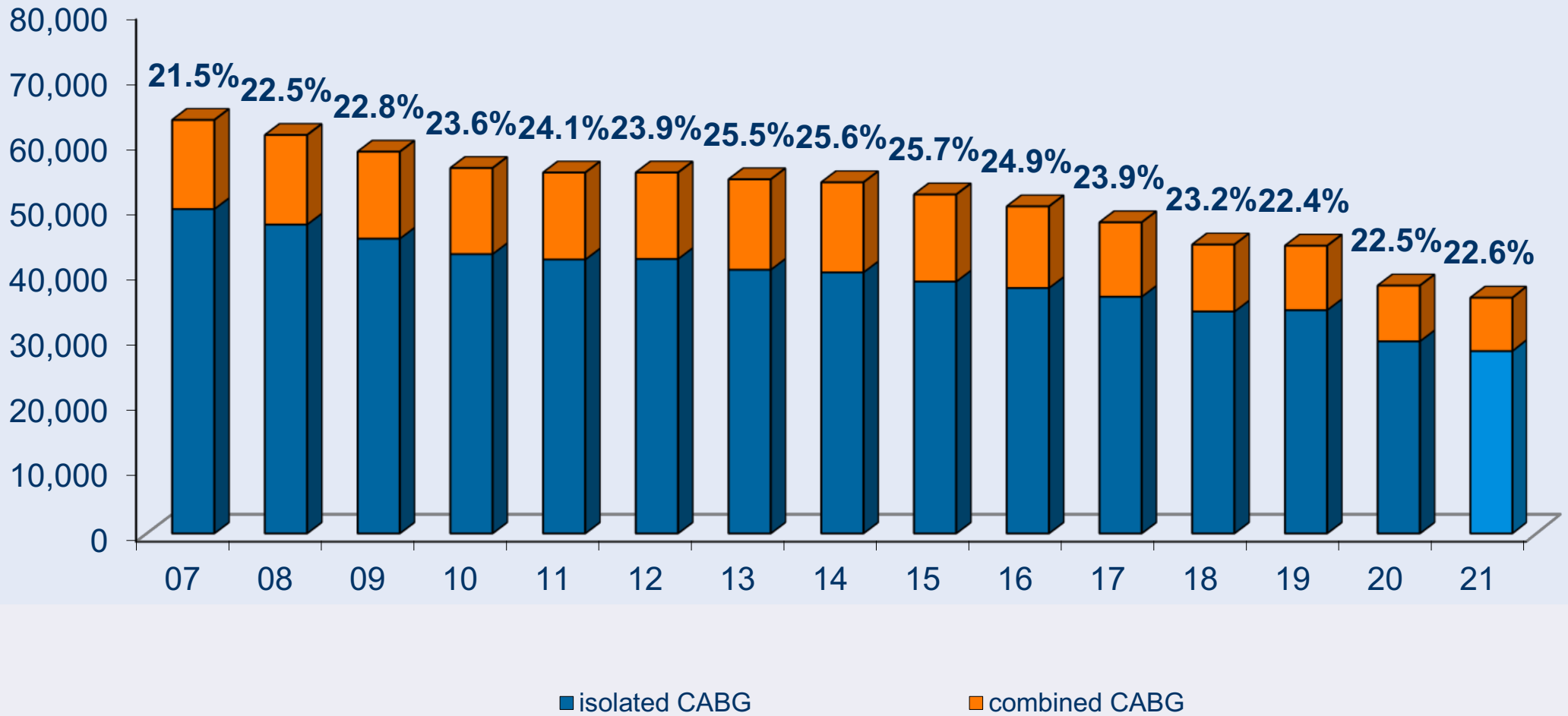


2021

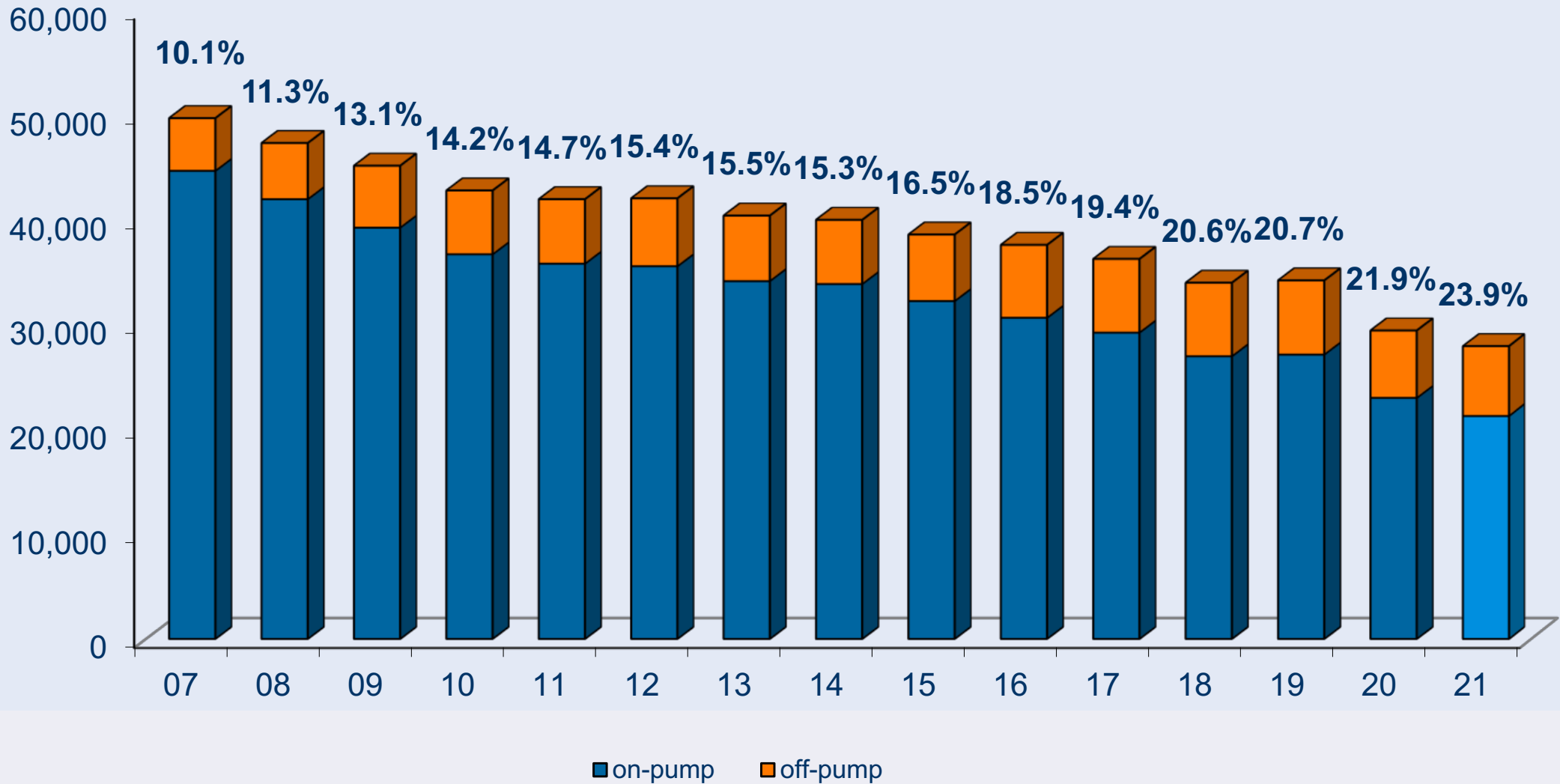


■ 20 - 69 years ■ 70 - 79 years ■ 80 years and older

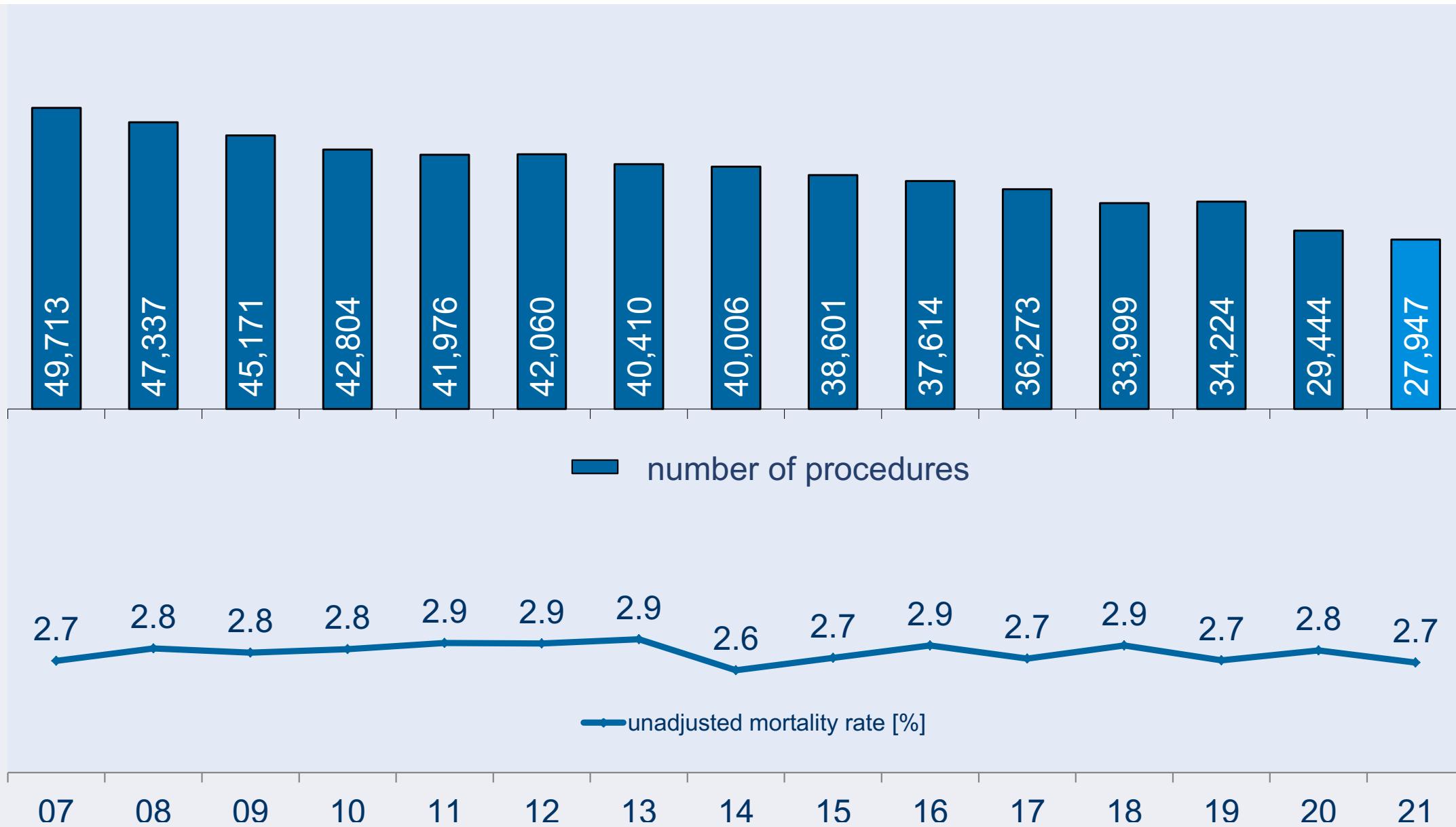
Combined Procedures 2007 - 2021



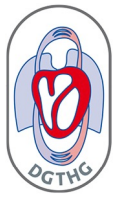
Isolated Procedures 2007 - 2021



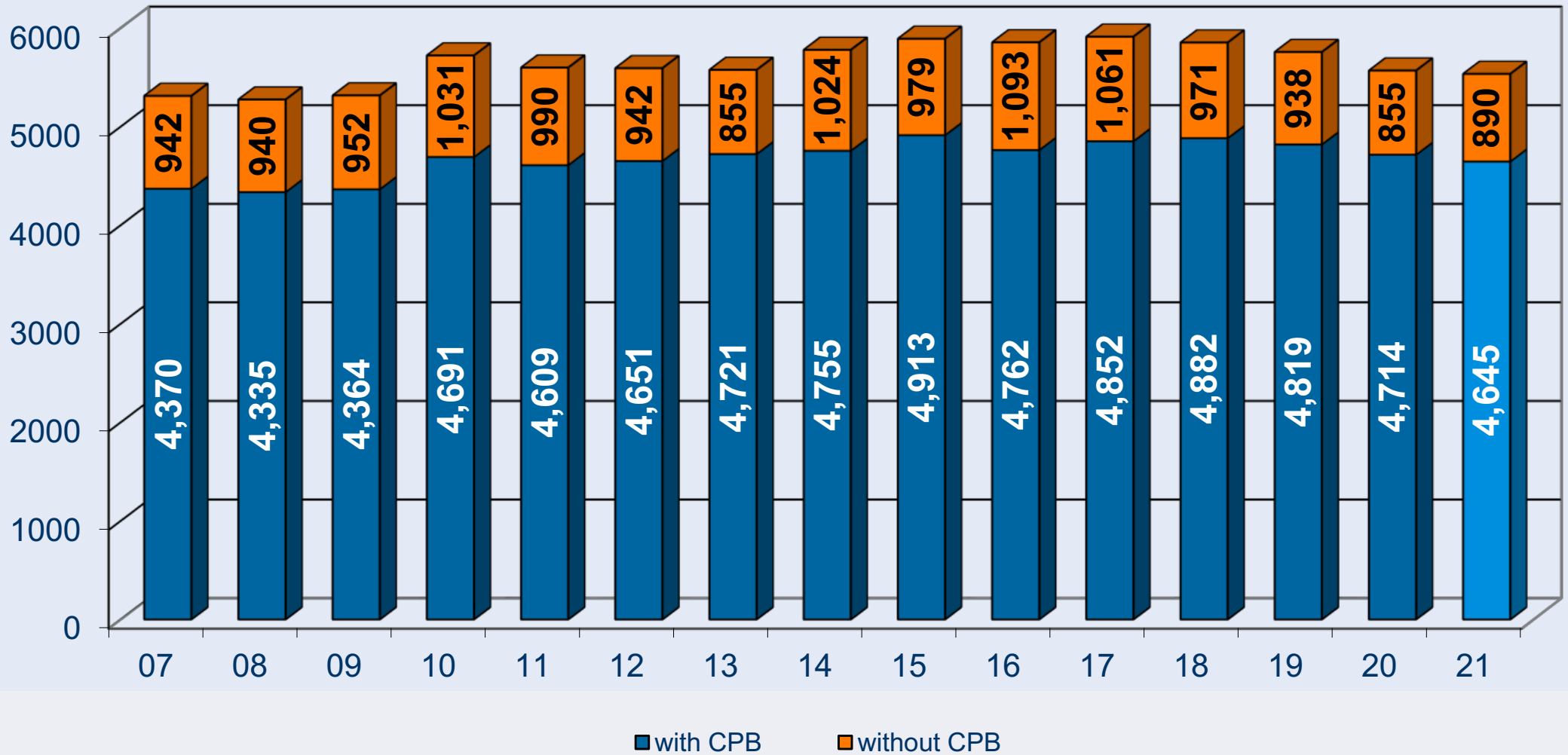
Isolated procedures 2007 - 2021



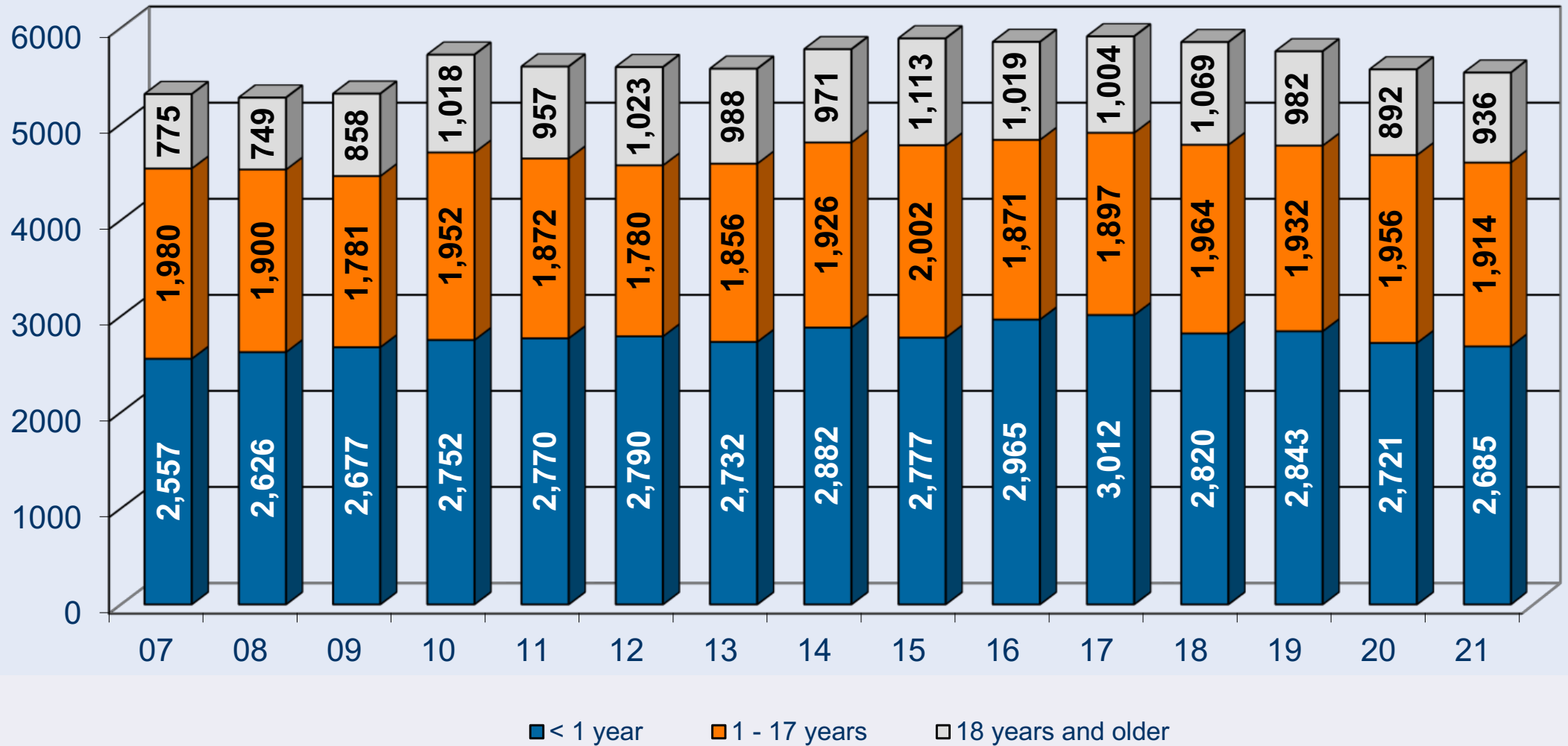
Congenital heart surgery



Procedures 2007 - 2021



Age distribution 2007 - 2021



Isolated procedures 2021

Development in Germany

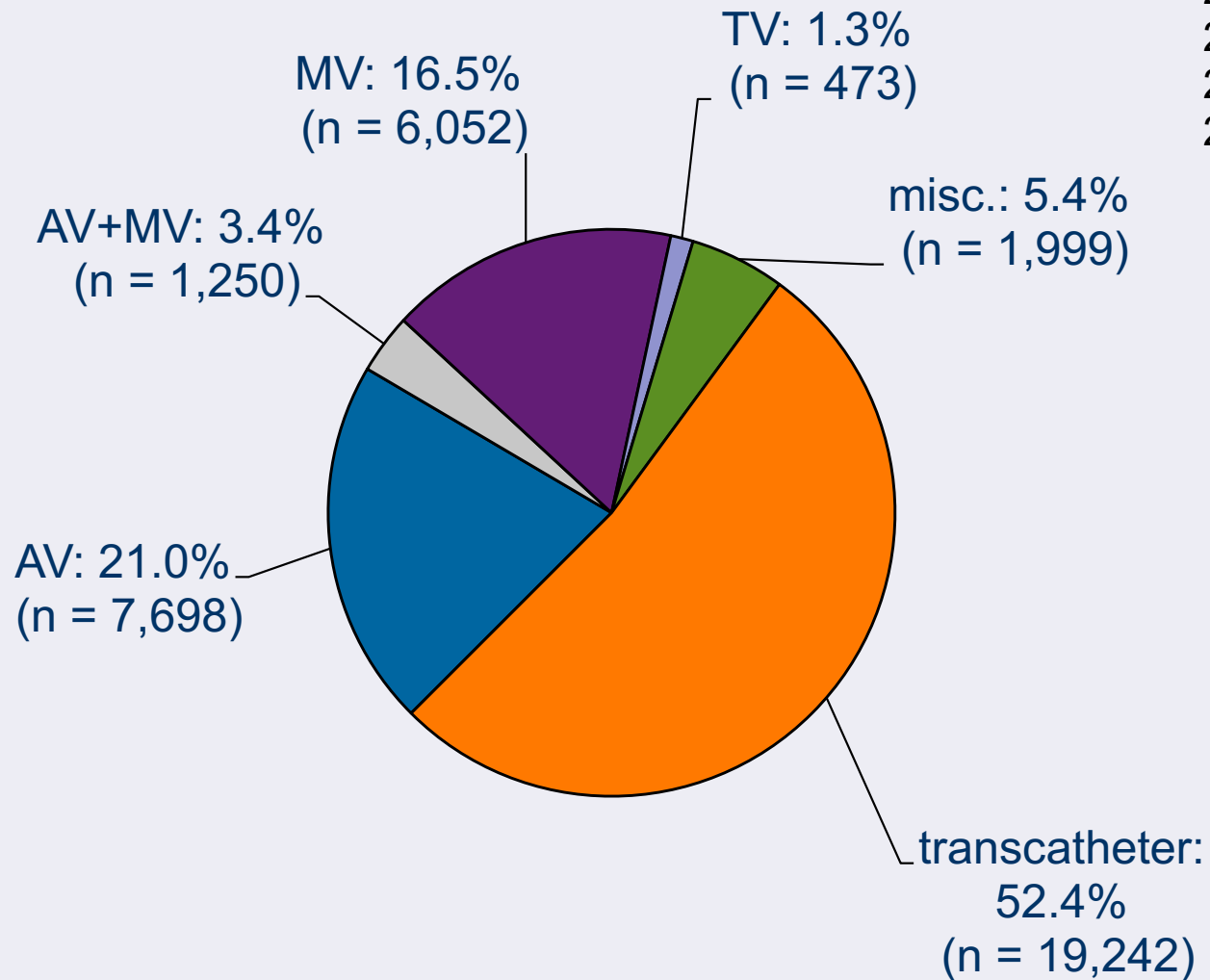
2021: n = 36,714

2020: n = 35,469

2019: n = 36,650

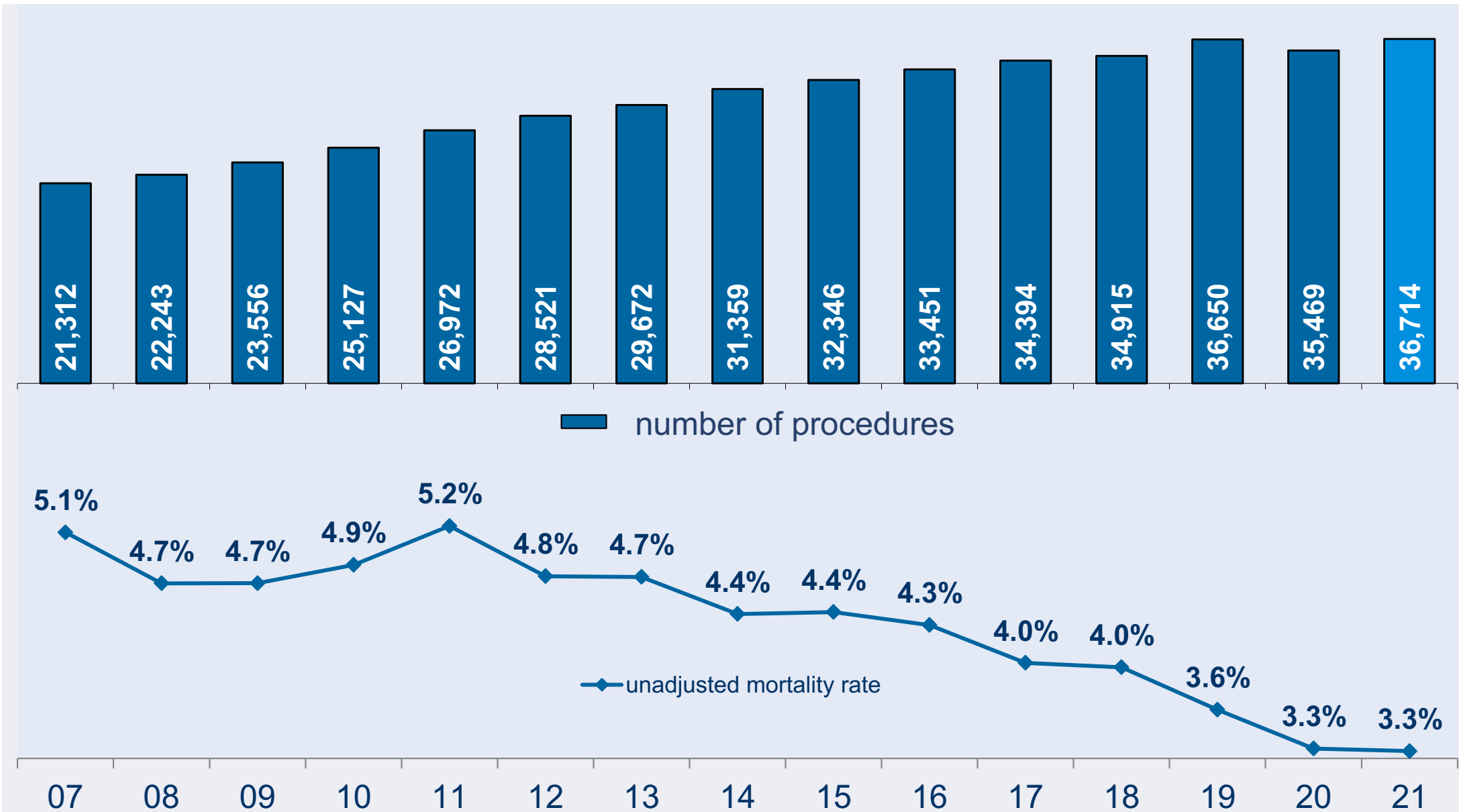
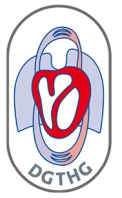
2018: n = 34,915

2017: n = 34,394

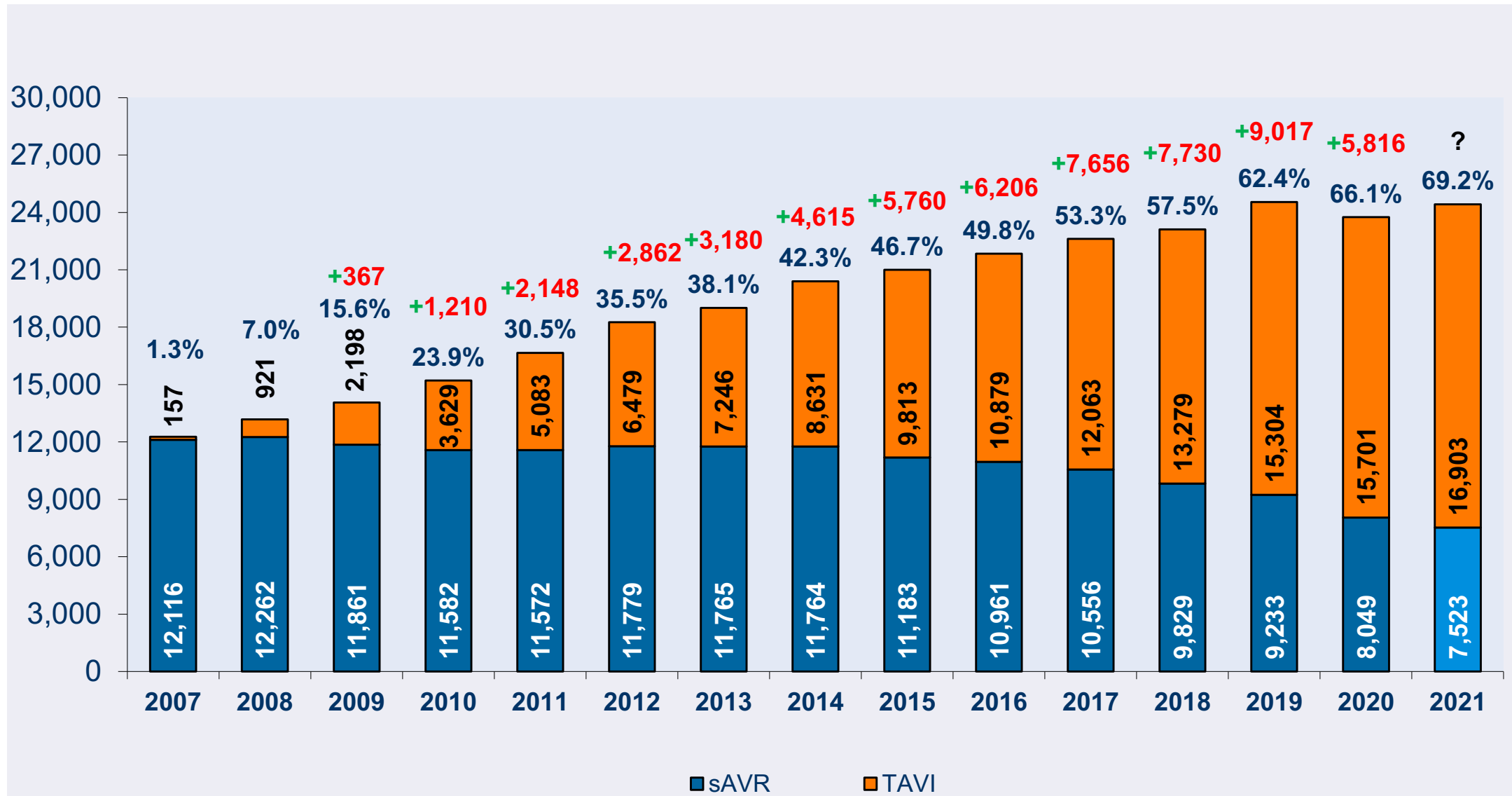


Heart Valve surgery

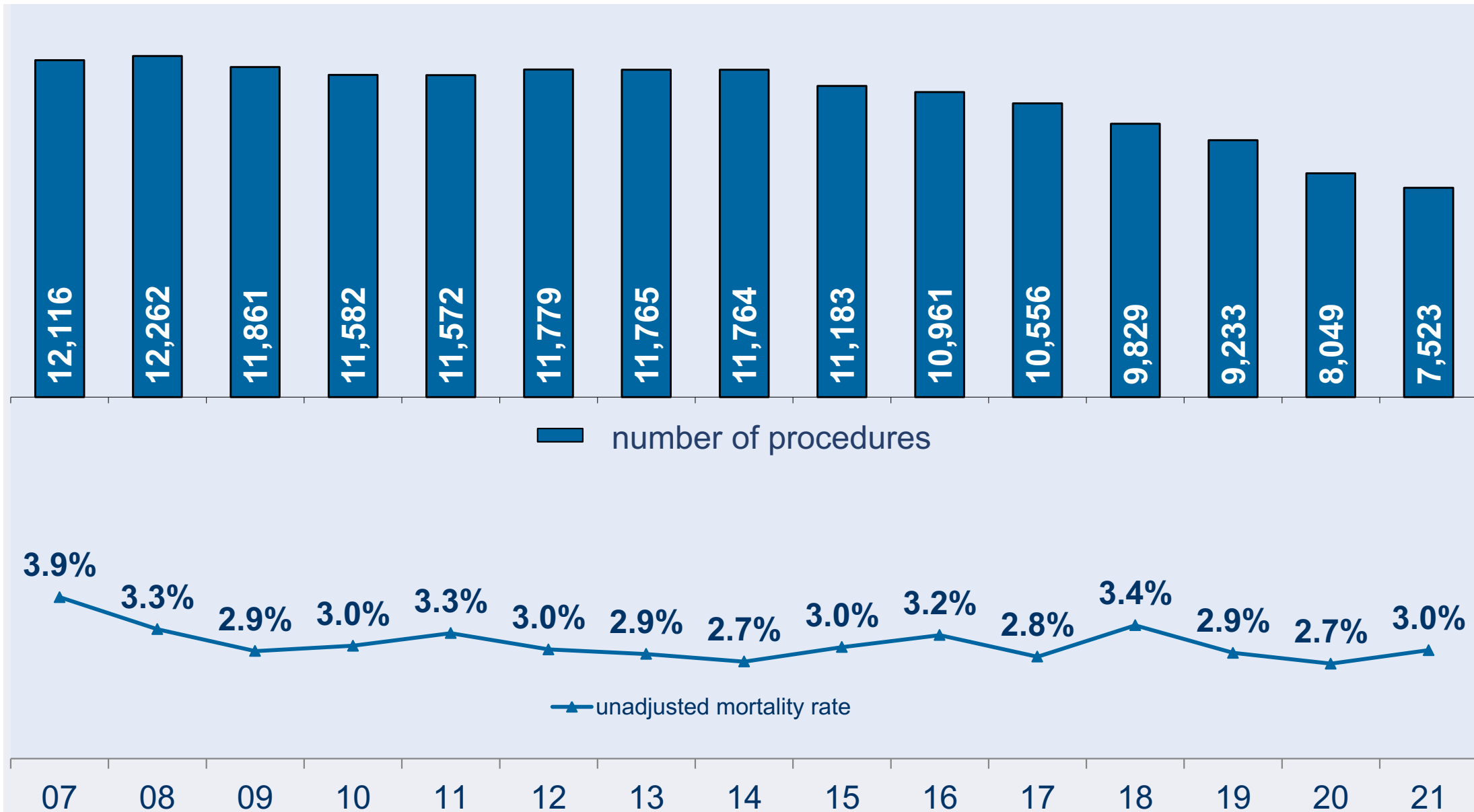
Isolated procedures 2007 – 2021 (transcatheter procedures included)



Isolated procedures 2007 - 2021

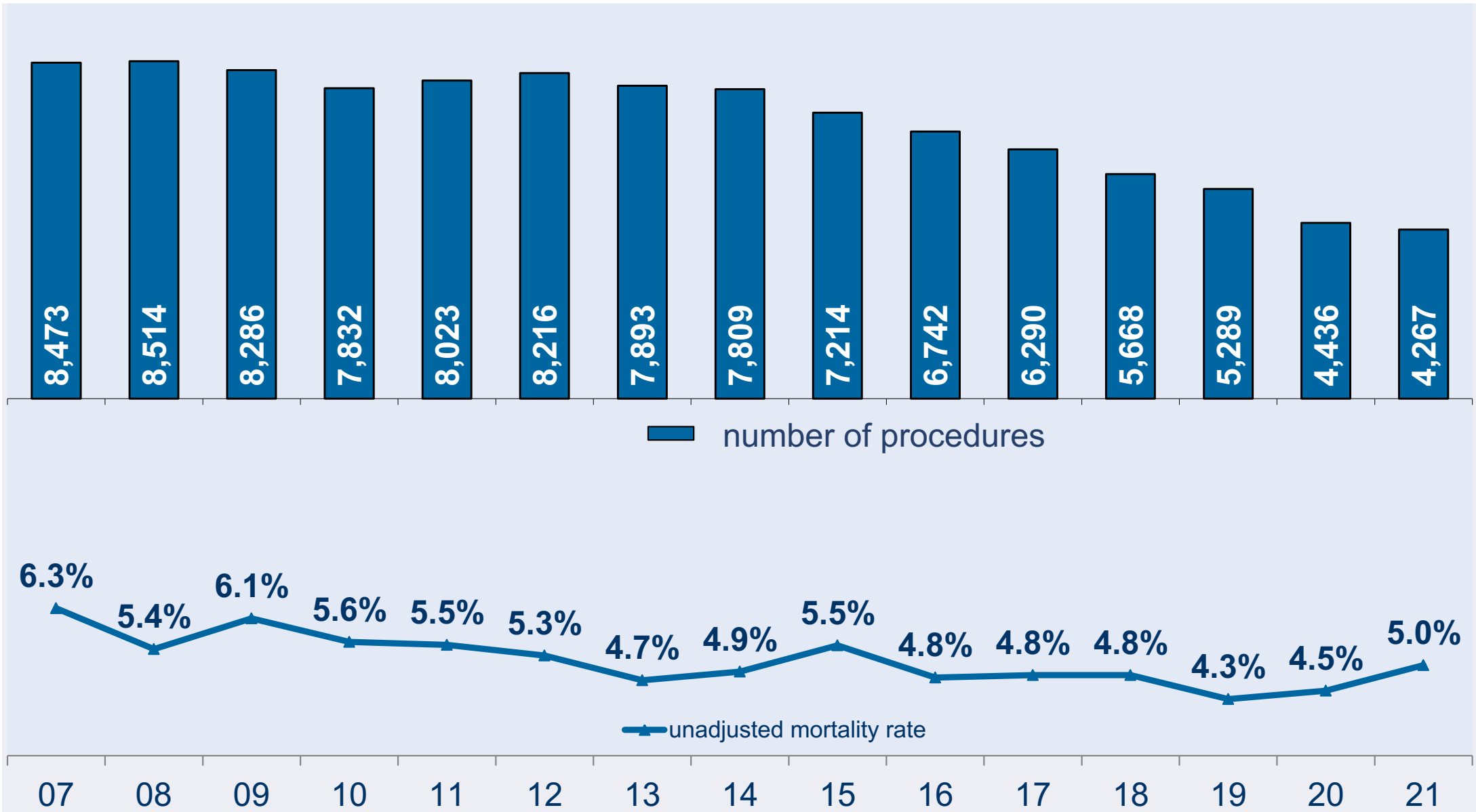
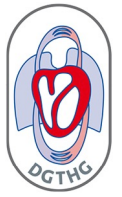


Isolated sAVR 2007 – 2021

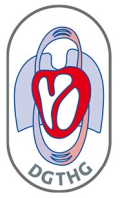


Combined procedures

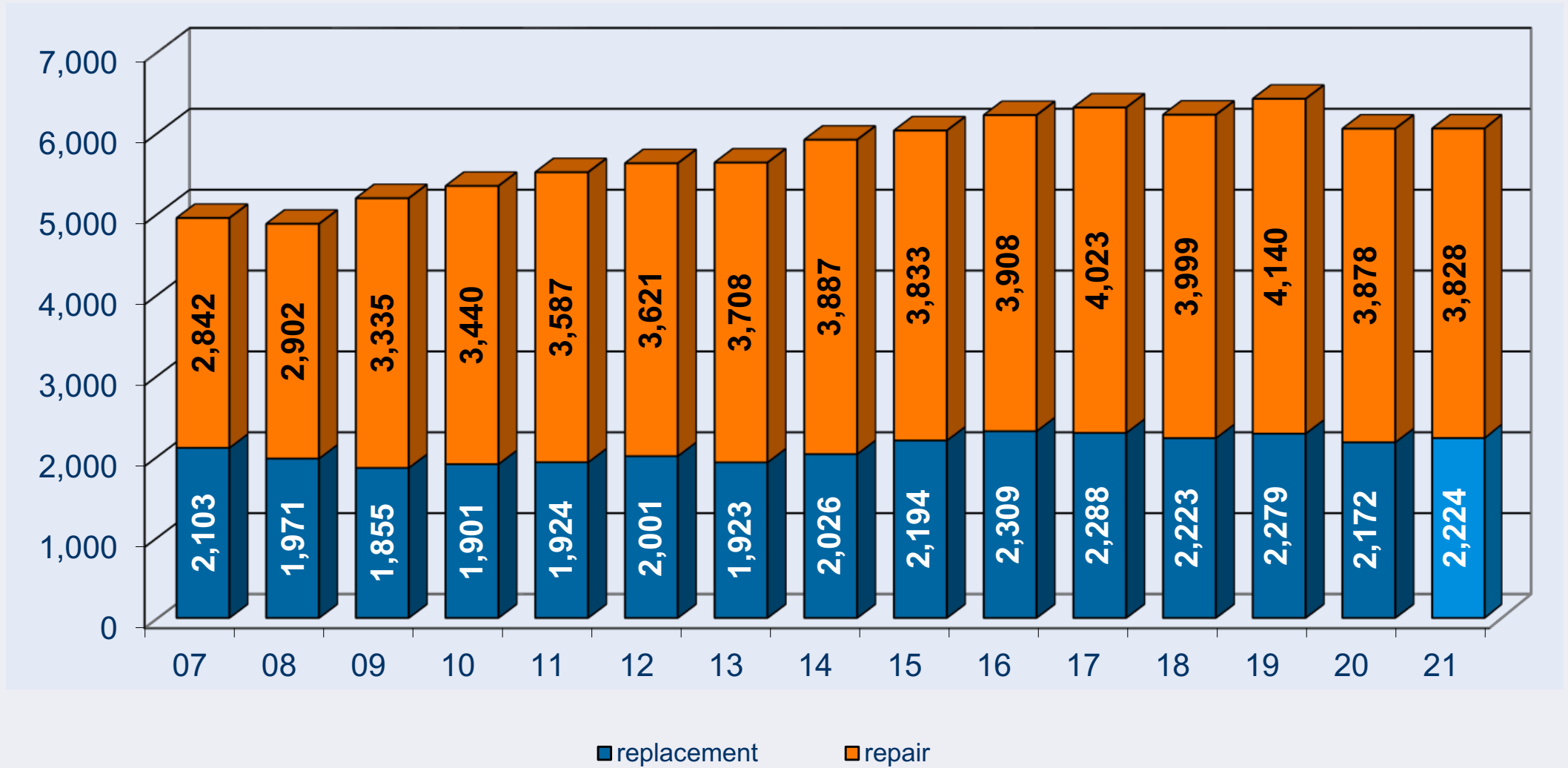
CABG + sAVR 2007 – 2021



Isolated mitral valve surgery

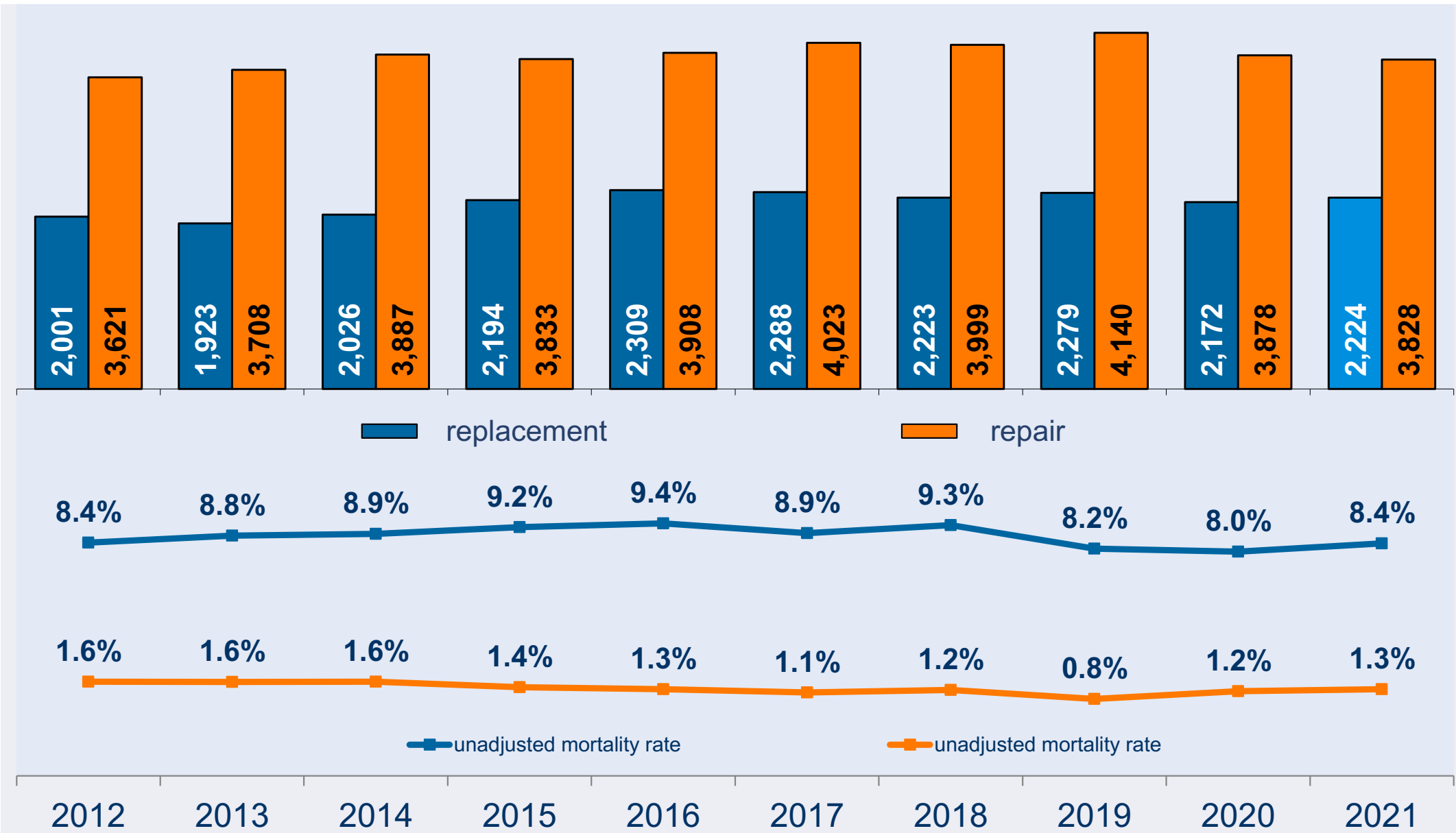
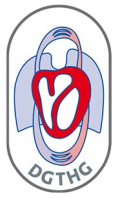


Isolated repair and replacement 2007 - 2021

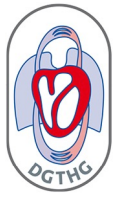


Isolated mitral valve surgery

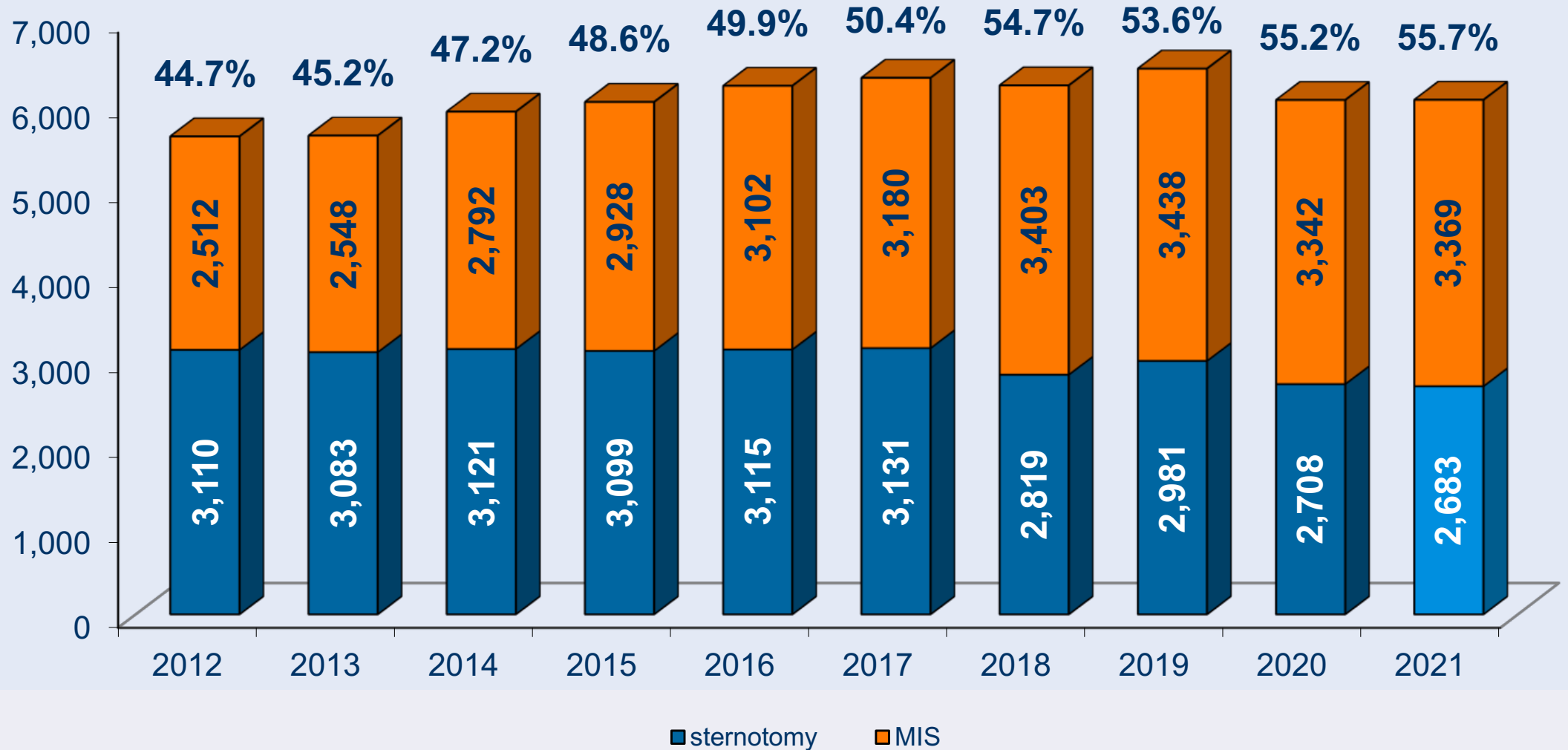
Repair vs. replacement 2012 – 2021:
unadjusted mortality rate



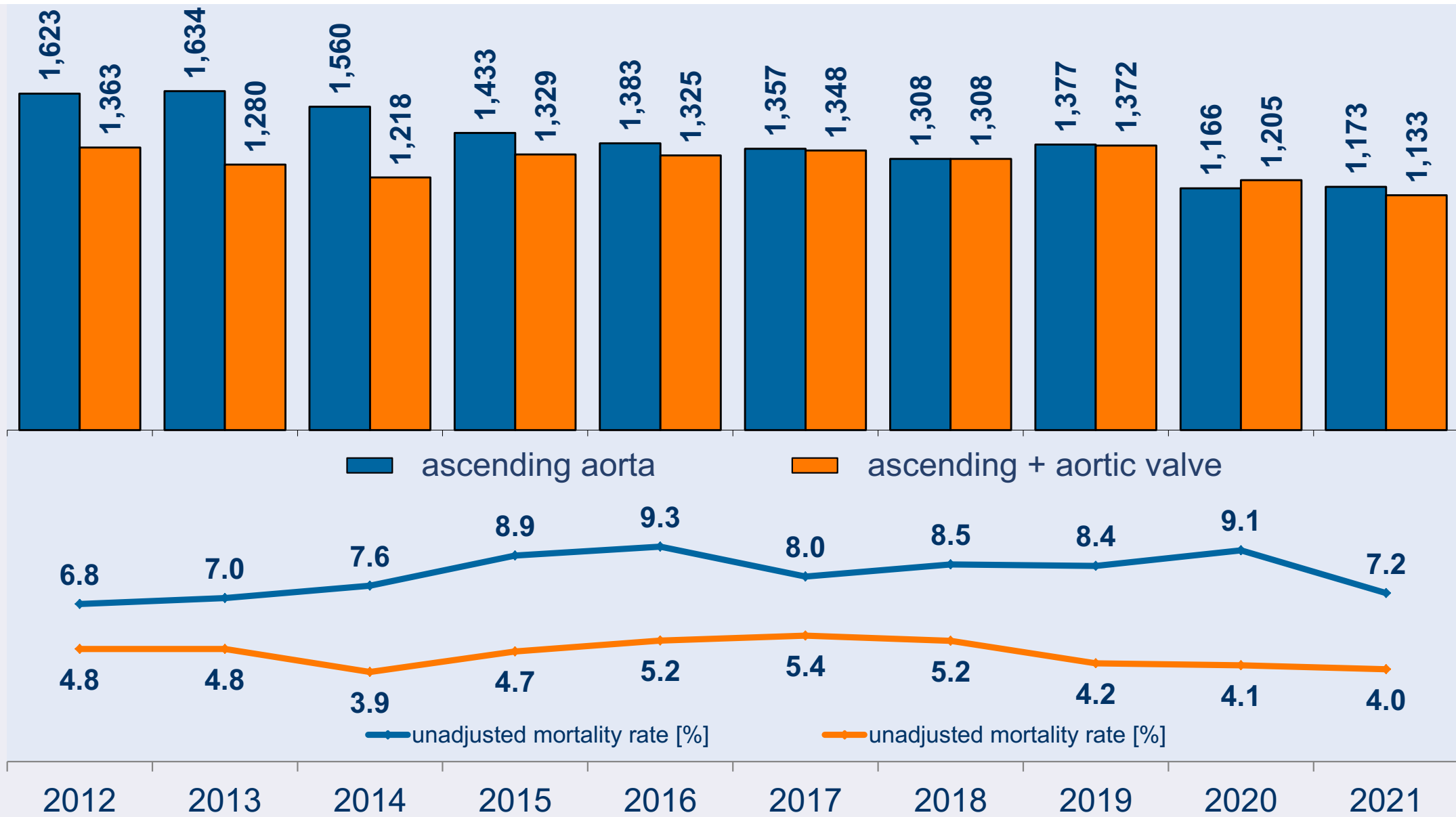
Isolated mitral valve surgery



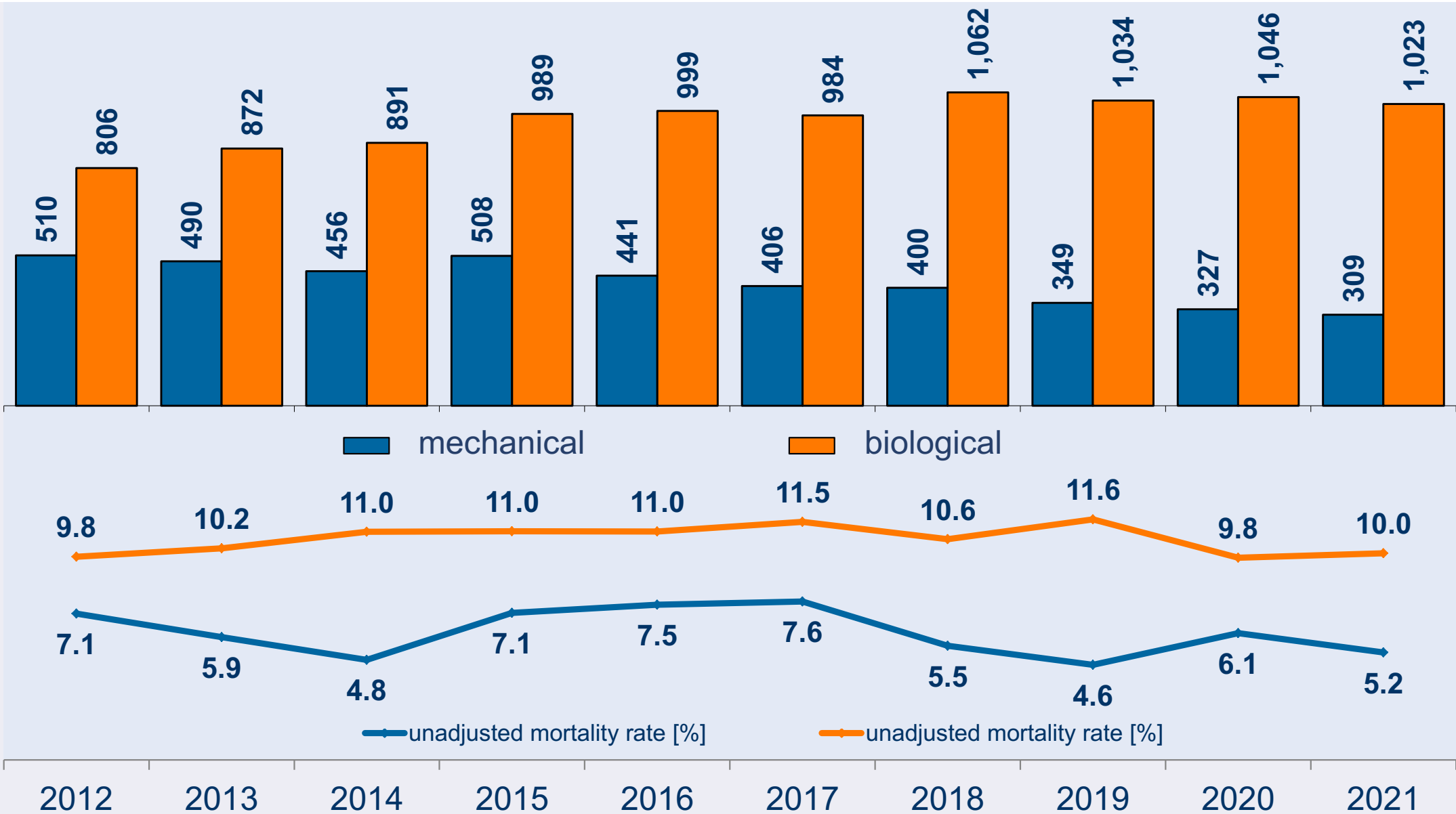
Minimally invasive approach 2012 - 2021



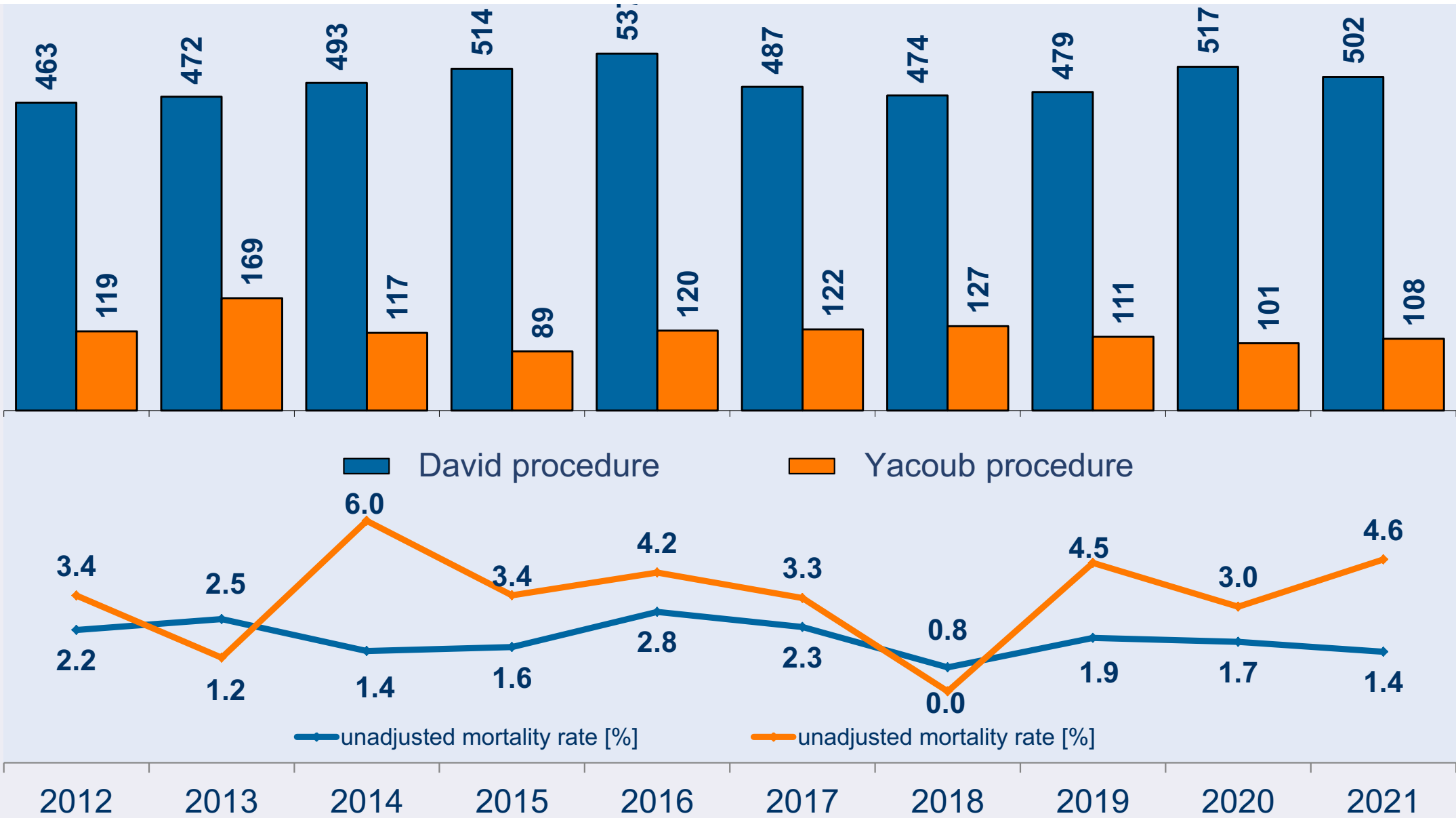
Replacement: supracoronary 2012 - 2021



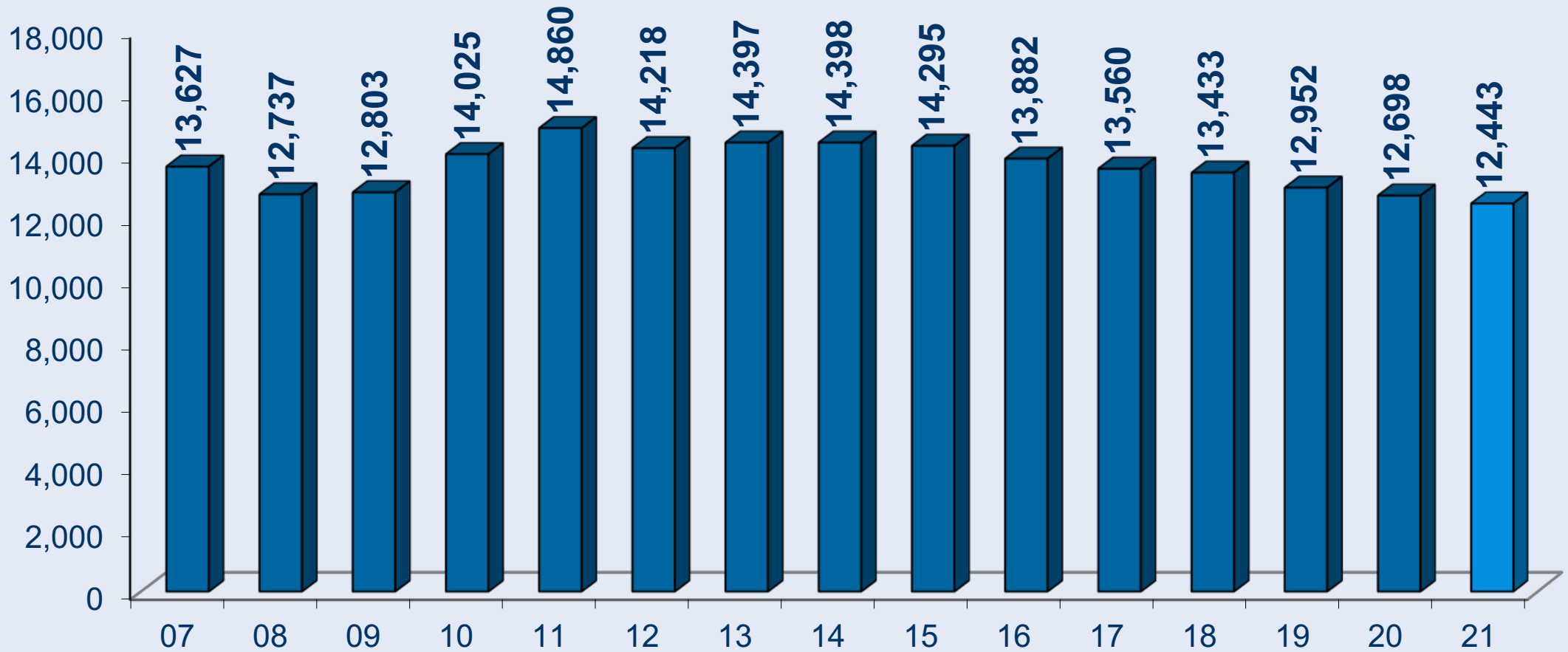
Replacement: infracoronary ascending 2012 - 2021



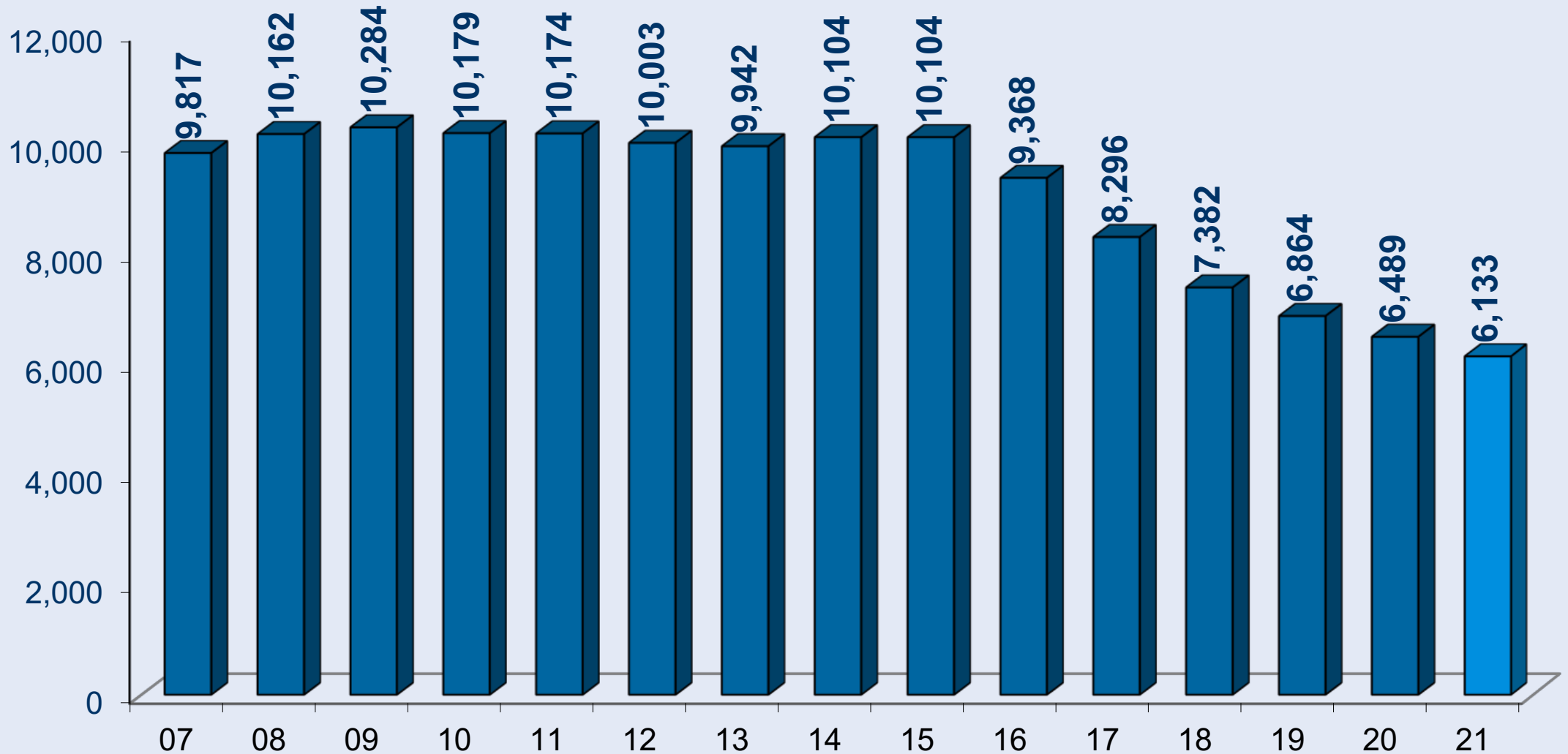
Replacement: infracoronary ascending 2012 - 2021



Implantation / battery change / revision 2007 - 2021

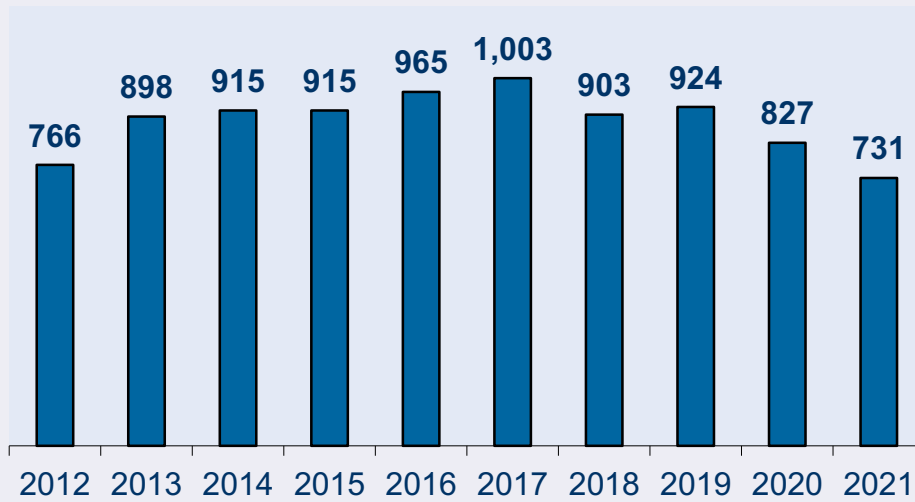


Implantation / battery change / revision 2007 - 2021

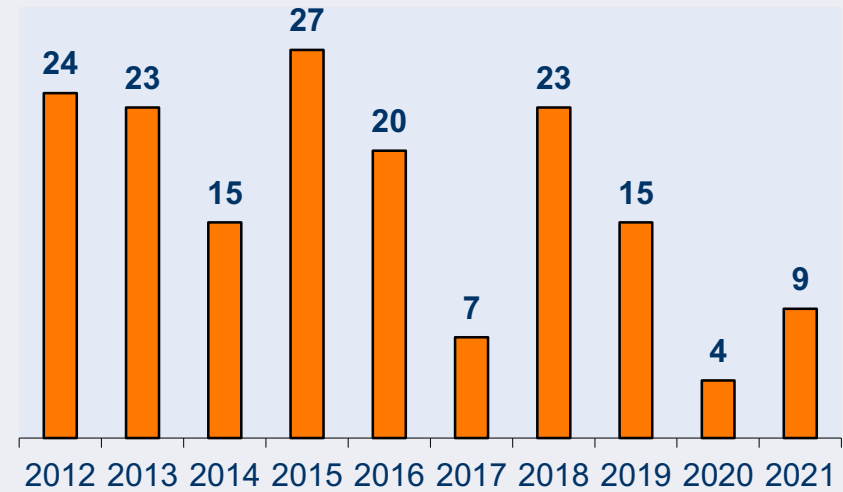


Assist Devices 2012 - 2021

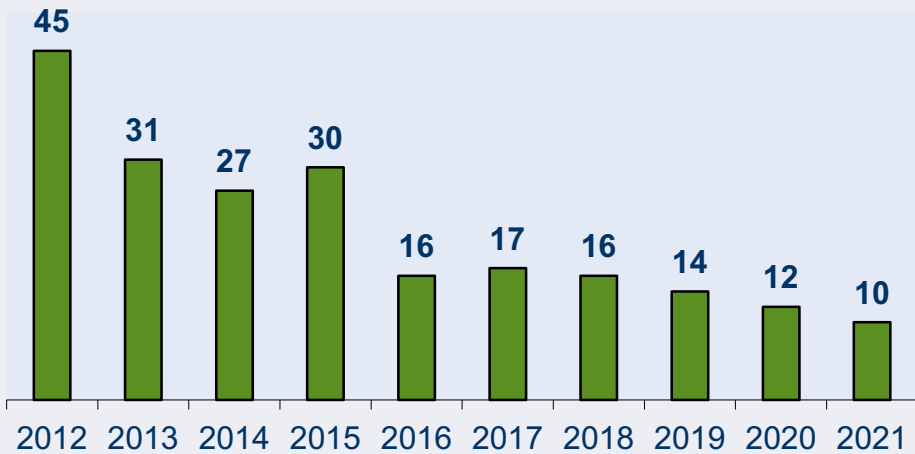
L/RVAD Implantation



TAH

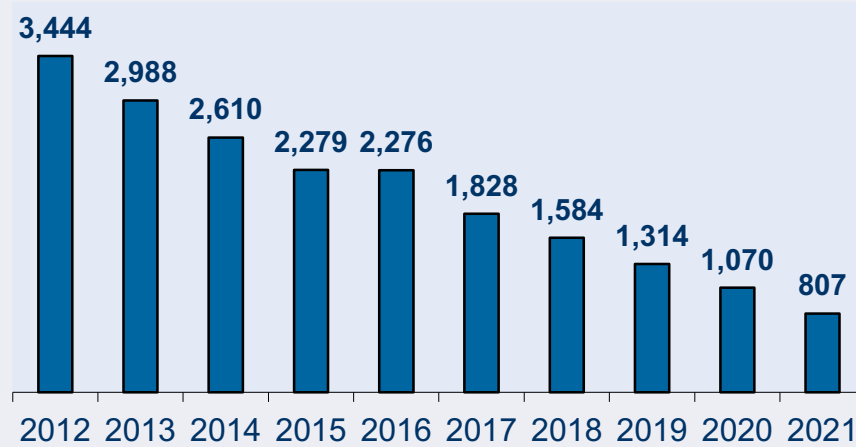


BVAD

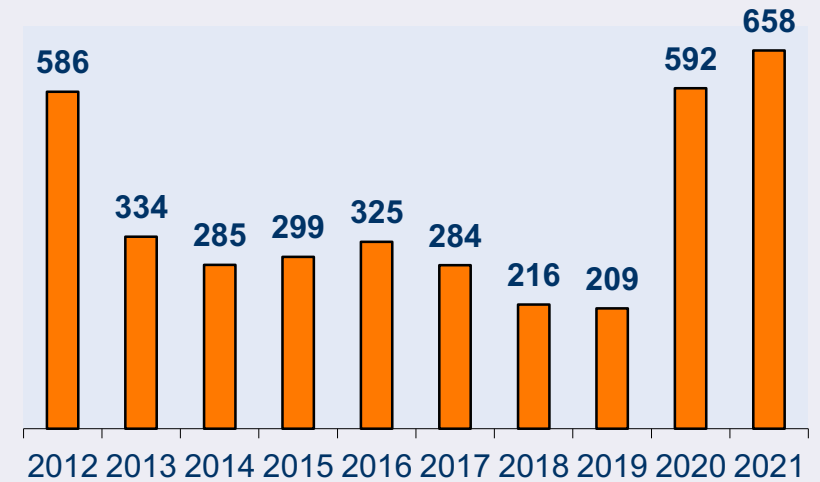


Assist Devices 2012 - 2021

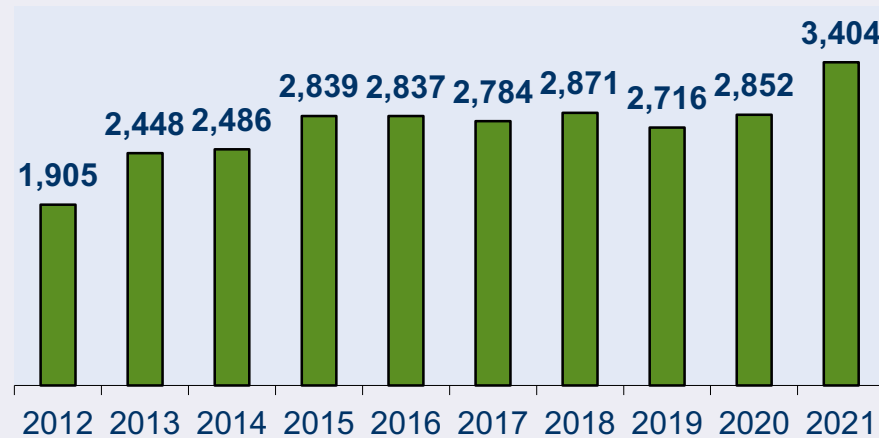
IABP



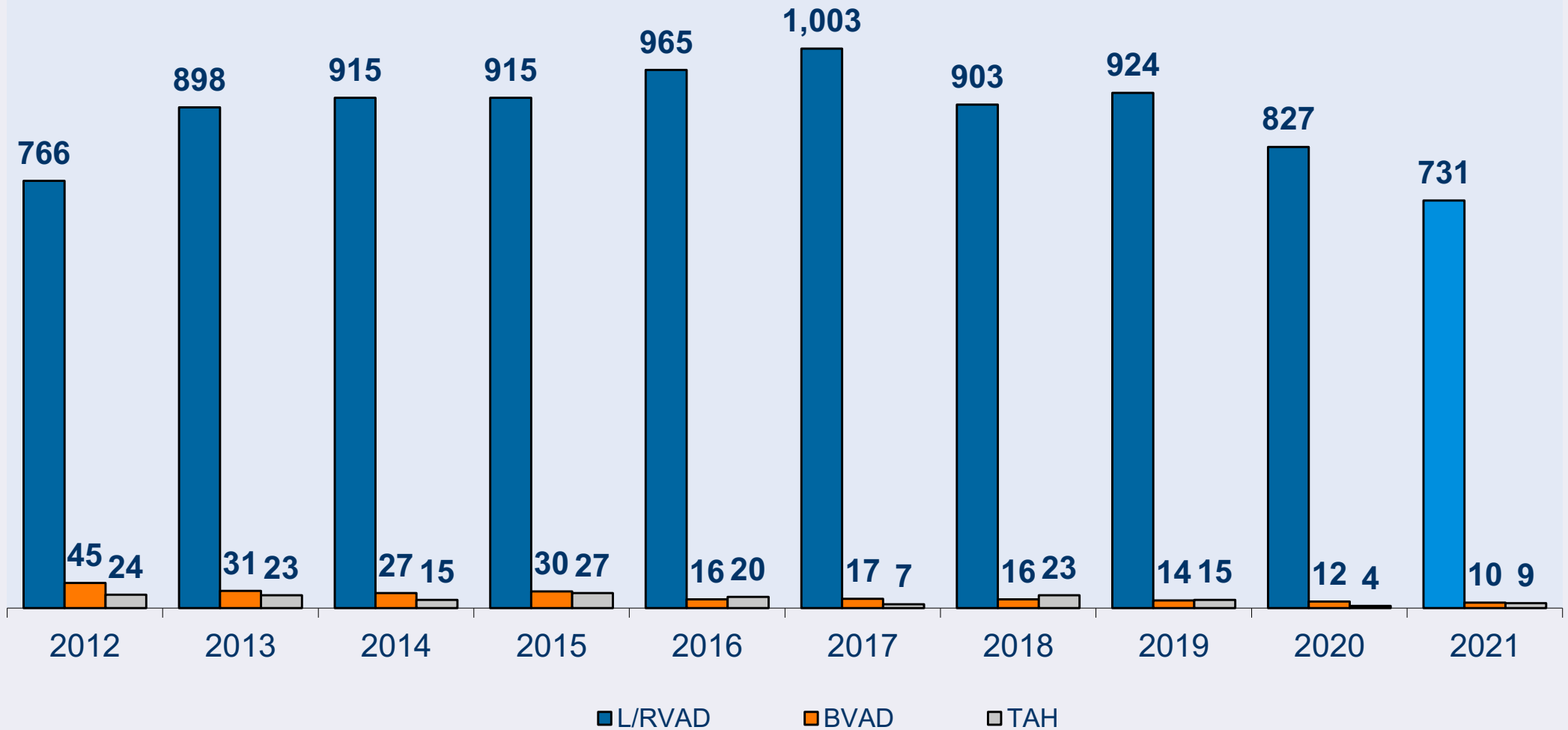
Extracorp. pump without oxygenator



ECLS / ECMO



Assist Devices 2012 - 2021



Isolated heart transplantation 2007 – 2021



Isolated lung transplantation 2007 – 2021

