



Report key messages	
<b>Project title:</b> <i>National Adult Cardiac Surgery Audit (NASCA)</i>	
<b>Report ref. and name:</b> <i>National Adult Cardiac Surgery Audit (NASCA) 2023 Summary Report (2019/22 data)</i>	
<b>Date of publication:</b>	
<b>Key message 1:</b>	Overall, about 10,000 heart operations were not performed in the first year of the pandemic. Last year (2021/22) nearly 5,000 fewer operations were performed than would be expected.
<b>Key message 2:</b>	Crude mortality rate following heart surgery (all types combined, including emergencies) had been falling over the past 2 decades to just over 2.5%. In the first year of COVID-19 the mortality rate had increased to 3.3%. During the last 12 months the mortality rate has reduced to 2.9% but is still higher than prior to the pandemic.
<b>Key message 3:</b>	Last year 1,910 fewer CABG (14.9% reduction) were performed compared to pre-pandemic.
<b>Key message 4:</b>	The risk of dying after elective CABG last year was 0.43%, and after urgent CABG 1.17%.
<b>Key message 5:</b>	Treatment levels for patients with aortic valve disease have nearly returned to pre-pandemic levels but twice as many are now being treated with TAVI compared to conventional aortic valve (AVR) surgery.
<b>Key message 6:</b>	Mitral valve repair rate only 60.1% in the UK. The best hospital achieved 86.5% vs the worst only 25.9%.
<b>Key message 7:</b>	Emergency operations on the thoracic aorta increased from 382 cases in 2013/14 to 644 cases in 2021/22, a 68% increase in this time. UK mortality rate was 17.2% last year.
<b>Key message 8:</b>	In 2013 consultant surgeons performed 140 operations per year on average. This dropped dramatically to only 76 cases in the first year of the pandemic and rose to 94 cases last year.
<b>Key message 9:</b>	Surgeons in training performed 5,094 cases in 2021/22 (23% of cases in England).
<b>Key message 10:</b>	Elective CABG waiting times 11.7% longer than pre-pandemic with only 9 NHS hospitals achieving the 12 week target.
<b>Key message 11:</b>	Urgent CABG waiting times 2 days longer than pre-pandemic with no hospital achieving 7 day target.



<b>Key message 12:</b>	Day-of-Surgery Admission (DOSAs) rates for elective cardiac surgery has not returned to pre-pandemic levels and only one hospital achieved 50% target.
<b>Key message 13:</b>	Last year 2.24% patients were reopened for bleeding following CABG surgery. Around 46% of patients undergoing CABG required a blood transfusion.
<b>Key message 14:</b>	A preoperative MDT discussion was documented for only 32% CABG, 32% AVR and 37% Mitral operations last year.
<b>100 word summary or abstract of the report:</b>	
<p>This report from the NACSA audit has analysed the results of nearly 74,000 patients who have undergone cardiac surgery in the UK (excluding Scotland) between April 2019 and March 2022. It shows that around 10,000 fewer heart operations were performed in the first year of the pandemic, and nearly 5,000 were not performed last year. Overall mortality rates have risen slightly, but this is likely to be due to the greater proportion of emergency and urgent cases being performed. Elective CABG waiting times are 11.7% longer than pre-pandemic and urgent CABG waits have increase by 2 days.</p>	