



Report key messages	
Project title: <i>Myocardial Ischaemia National Audit Project</i>	
Report ref. and name: <i>Management of Heart Attack: 2023 Summary Report (2021/22 data)</i>	
Date of publication:	
Key message 1:	The overall number of cases of heart attack reported this year, 85,630, is 16% higher than the previous year, and represents a 'bounce-back' to 'pre-pandemic' levels.
Key message 2:	Proportions both of patients referred to cardiac rehabilitation programmes following heart attack and of eligible patients receiving an echocardiogram prior to discharge from hospital are at the highest recorded level. Referral to rehabilitation exceeds the aspiration that 85% of patients should be referred.
Key message 3:	Percutaneous coronary intervention (PCI) is used, appropriately, in the majority of cases despite a greater number of patients being managed this year – immediate (primary) PCI in 84% of cases of 'high-risk' STEMI heart attacks; urgent PCI in 83% of lower-risk NSTEMI heart attacks.
Key message 4:	A smaller proportion of patients receive PCI in a timely fashion. For STEMI, the proportion of patients receiving primary PCI fell to 30% within 120 minutes, and to 55% within 150 minutes, of calling for help. For NSTEMI, whereas 66% underwent angiography within 72 hours of admission to hospital in 2020/21, performance has returned to pre-pandemic levels; 56% of patients with NSTEMI received an angiogram within 72 hours in 2021/22.
Key message 5:	A larger proportion of patients make their own way to hospital, rather than arriving by ambulance. While this represents the minority (18.6%) of all cases of heart attack, there appears to be an upward trend in self-presentation during the year. For those with STEMI undergoing primary PCI, the monthly proportion who self-presented to hospital rose from 4% during April 2021 to 8% during March 2022. The proportion of patients requiring transfer between hospitals for primary PCI rose from 14% in 2020/21 to 18.7% in 2021/22. These patients are less likely to receive timely primary PCI.
100 word summary or abstract of the report:	
This report summarises the care provided within hospitals in England, Wales and Northern Ireland to over 85,000 people who suffered a heart attack during the 2021/22 financial year. Following the lockdown periods of the previous year, the number of recorded heart attacks has returned to pre-pandemic levels. While there have been improvements in some aspects of care – referral to cardiac rehabilitation, echocardiography, the rate of use of angiography in eligible patients – fewer patients are receiving coronary interventions in a timely fashion. The proportion of patients that self-present to hospital, rather than via ambulance services has increased.	

