

# Acute coronary syndromes: 2a-Proportion of ambulances equipped with 12-lead ECG

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# Acute coronary syndromes: 2a-Proportion of ambulances equipped with 12-lead ECG

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	Indicator 2a-Proportion of ambulances equipped with 12-lead ECG
<b>METEOR identifier:</b>	612029
<b>Registration status:</b>	<a href="#">Health</a> , Standard 12/09/2016
<b>Description:</b>	Proportion of ambulances that respond to acute chest pain calls that are equipped with a 12-lead electrocardiogram (ECG) in the <a href="#">Local Hospital Network</a> (LHN) or reference ambulance service.
<b>Rationale:</b>	Early diagnosis allows ambulance personnel/officers to initiate treatment and alert the emergency department (ED) with the diagnostic information to optimise door-to-needle time and time to other interventions. The <i>Guidelines for the management of acute coronary syndromes 2006</i> recommend that "a 12-lead ECG should be taken en route and transmitted to a medical facility" (Acute Coronary Syndrome Guidelines Working Group 2006).
<b>Indicator set:</b>	<a href="#">Clinical care standard indicators: acute coronary syndromes</a> <a href="#">Health</a> , Standard 12/09/2016
<b>Outcome area:</b>	<a href="#">Early assessment</a> <a href="#">Health</a> , Standard 12/09/2016

## Collection and usage attributes

<b>Computation description:</b>	Both the numerator and the denominator include eligible ambulances, which are those attending to acute chest pain calls. Both the numerator and the denominator also include ambulances in the LHN or reference ambulance service. The 'reference ambulance service' is the ambulance sector that provides services to the hospital. It may be aligned with the LHN, or operate within a slightly different geographic boundary.  The numerator includes eligible ambulances equipped with a 12-lead ECG.  Presented as a percentage.
<b>Computation:</b>	$(\text{Numerator} \div \text{denominator}) \times 100$
<b>Numerator:</b>	Number of eligible ambulances equipped with a 12-lead ECG in the LHN or reference ambulance service.
<b>Denominator:</b>	Number of eligible ambulances in the LHN or reference ambulance service.

## Representational attributes

<b>Representation class:</b>	Percentage
<b>Data type:</b>	Real
<b>Unit of measure:</b>	Service type
<b>Format:</b>	N[NN]

## Accountability attributes

<b>Other issues caveats:</b>	This indicator was first promulgated in 2014. It was developed through clinical consensus by the Acute Coronary Syndromes Clinical Care Standard Topic Working Group to support Quality statement 2 - Early assessment in the <i>Acute Coronary Syndromes Clinical Care Standard</i> (ACSQHC 2014).
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## Source and reference attributes

**Submitting organisation:** Australian Commission on Safety and Quality in Health Care

**Reference documents:** Acute Coronary Syndrome Guidelines Working Group 2006. Guidelines for the management of acute coronary syndromes 2006. Medical Journal of Australia 184(8):S1–S30.

ACSQHC (Australian Commission on Safety and Quality in Health Care) 2014. Acute coronary syndromes clinical care standard. Sydney: ACSQHC.