

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

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	Indicator 2a-Proportion of ambulances equipped with 12-lead ECG
METEOR identifier:	612029
Registration status:	Health , Standard 12/09/2016
Description:	Proportion of ambulances that respond to acute chest pain calls that are equipped with a 12-lead electrocardiogram (ECG) in the Local Hospital Network (LHN) or reference ambulance service.
Rationale:	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).
Indicator set:	Clinical care standard indicators: acute coronary syndromes Health , Standard 12/09/2016
Outcome area:	Early assessment Health , Standard 12/09/2016

Collection and usage attributes

Computation description:	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.
Computation:	$(\text{Numerator} \div \text{denominator}) \times 100$
Numerator:	Number of eligible ambulances equipped with a 12-lead ECG in the LHN or reference ambulance service.
Denominator:	Number of eligible ambulances in the LHN or reference ambulance service.

Representational attributes

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

Accountability attributes

Other issues caveats:	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.