

# National Healthcare Agreement: PI 09-Incidence of heart attacks, 2013

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# National Healthcare Agreement: PI 09-Incidence of heart attacks, 2013

## Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI 09-Incidence of heart attacks, 2013
METEOR identifier:	497512
Registration status:	<a href="#">Health</a> , Superseded 30/04/2014
Description:	Incidence of heart attacks.
Indicator set:	<a href="#">National Healthcare Agreement (2013)</a> <a href="#">Health</a> , Superseded 30/04/2014
Data quality statement:	<a href="#">National Healthcare Agreement: PI 09-Incidence of heart attacks, 2013 QS</a> <a href="#">Health</a> , Superseded 14/01/2015

## Collection and usage attributes

**Computation description:** Count (a) number of deaths where 'acute coronary heart disease' (ICD-10 codes I20–I24) is the underlying cause of death in each calendar year (based on year of registration of death).

Count (b) number of non-fatal hospitalisations where 'acute myocardial infarction' (ICD-10-AM I21) or 'unstable angina' (ICD-10-AM I20.0) are the principal diagnosis, and separation mode is not equal to 'died' or 'transferred to another acute hospital', and care type is not equal to 'new born-unqualified days only' or 'organ procurement – posthumous' or 'hospital boarder' in each calendar year (based on discharge date from hospital).

The number of acute coronary events is estimated by (a) + (b).

**Computation:**  $100,000 \times (\text{Numerator} \div \text{Denominator})$

**Numerator:** Number of deaths recorded with an underlying cause of acute coronary heart disease (a) plus the number of non-fatal hospitalisations with a principal diagnosis of acute myocardial infarction or unstable angina that do not end in a transfer to another acute hospital (b). For ages > 24 years.

**Numerator data elements:**

### Data Element / Data Set

[Episode of admitted patient care—admission date, DDMMYYYY](#)

**Data Source**

[National Hospital Morbidity Database \(NHMD\)](#)

**NMDS / DSS**

[Admitted patient care NMDS 2009-10](#)

### Data Element / Data Set

[Person—Indigenous status, code N](#)

**Data Source**

[AIHW National Mortality Database](#)

### Data Element / Data Set

[Person—underlying cause of death, code \(ICD-10 2nd edn\) ANN-ANN](#)

**Data Source**

[AIHW National Mortality Database](#)

**Data Element / Data Set**

[Episode of care—principal diagnosis, code \(ICD-10-AM 7th edn\) ANN{.N\[N\]}](#)

**Data Source**

[National Hospital Morbidity Database \(NHMD\)](#)

**NMDS / DSS**

[Admitted patient care NMDS 2009-10](#)

**Data Element / Data Set**

[Hospital service—care type, code N\[N\]](#)

**Data Source**

[National Hospital Morbidity Database \(NHMD\)](#)

**NMDS / DSS**

[Admitted patient care NMDS 2009-10](#)

**Data Element / Data Set**

[Establishment—sector, code N](#)

**Data Source**

[National Hospital Morbidity Database \(NHMD\)](#)

**NMDS / DSS**

[Admitted patient care NMDS 2009-10](#)

**Data Element / Data Set**

[Episode of admitted patient care—separation date, DDMMYYYY](#)

**Data Source**

[National Hospital Morbidity Database \(NHMD\)](#)

**NMDS / DSS**

[Admitted patient care NMDS 2009-10](#)

**Data Element / Data Set**

[Episode of admitted patient care—separation mode, code N](#)

**Data Source**

[National Hospital Morbidity Database \(NHMD\)](#)

**NMDS / DSS**

[Admitted patient care NMDS 2009-10](#)

**Data Element / Data Set**

[Person—Indigenous status, code N](#)

**Data Source**

[National Hospital Morbidity Database \(NHMD\)](#)

NMDS / DSS

[Admitted patient care NMDS 2009-10](#)

**Data Element / Data Set**

[Person—sex, code N](#)

Data Source

[National Hospital Morbidity Database \(NHMD\)](#)

NMDS / DSS

[Admitted patient care NMDS 2009-10](#)

**Data Element / Data Set**

[Person—sex, code N](#)

Data Source

[AIHW National Mortality Database](#)

**Data Element / Data Set**

[Person—age range, code NN](#)

Data Source

[National Hospital Morbidity Database \(NHMD\)](#)

NMDS / DSS

[Admitted patient care NMDS 2009-10](#)

**Data Element / Data Set**

[Person—age range, code NN](#)

Data Source

[AIHW National Mortality Database](#)

**Denominator:**

Total population aged 25 years and over for year in question.

**Denominator data elements:**

**Data Element / Data Set**

[Person—age, total years N\[NN\]](#)

**Data Source**

[ABS Estimated resident population \(total population\)](#)

**Data Element / Data Set**

[Person—age, total years N\[NN\]](#)

**Data Source**

[ABS Indigenous experimental estimates and projections \(2001 Census-based\)](#)

**Data Element / Data Set**

[Person—estimated resident population of Australia, total people N\[N\(7\)\]](#)

**Data Source**

[ABS Estimated resident population \(total population\)](#)

**Data Element / Data Set**

[Person—estimated resident population of Australia, total people N\[N\(7\)\]](#)

**Data Source**

[ABS Indigenous experimental estimates and projections \(2001 Census-based\)](#)

**Disaggregation:**

2007, 2008, 2009, 2010 — Nationally, by:

- age group and sex
- Indigenous status (for states and territories with adequate identification in hospital and deaths data)

**Disaggregation data elements:**

**Data Element / Data Set**

[Establishment—sector, code N](#)

**Data Source**

[National Hospital Morbidity Database \(NHMD\)](#)

NMDS / DSS

[Admitted patient care NMDS 2009-10](#)

**Data Element / Data Set**

[Person—Indigenous status, code N](#)

**Data Source**

[National Hospital Morbidity Database \(NHMD\)](#)

NMDS / DSS

[Admitted patient care NMDS 2009-10](#)

**Data Element / Data Set**

[Person—sex, code N](#)

**Data Source**

[National Hospital Morbidity Database \(NHMD\)](#)

NMDS / DSS

[Admitted patient care NMDS 2009-10](#)

**Data Element / Data Set**

[Person—age range, code NN](#)

**Data Source**

[National Hospital Morbidity Database \(NHMD\)](#)

NMDS / DSS

[Admitted patient care NMDS 2009-10](#)

**Comments:**

Most recent data available for 2013 Council of Australian Governments (COAG) Reform Council (CRC) report: 2010.

This is a measure of the number of acute coronary events in a year. An individual may have more than one event during a year.

This indicator has previously been published at the national level by age and sex. Assessment of appropriateness to disaggregate below this level will be undertaken prior to reporting.

The computation method has recently been revised and should be considered 'preliminary' until work on validation is complete.

**Representational attributes**

**Representation class:** Rate  
**Data type:** Real  
**Unit of measure:** Episode  
**Format:** N[NN].N

## Data source attributes

### Data sources:

#### Data Source

[ABS Estimated resident population \(total population\)](#)

#### Frequency

Quarterly

#### Data quality statement

[ABS Estimated resident population \(total population\), QS](#)

#### Data custodian

Australian Bureau of Statistics

#### Data Source

[National Hospital Morbidity Database \(NHMD\)](#)

#### Frequency

Annual

#### Data custodian

Australian Institute of Health and Welfare

#### Data Source

[ABS Indigenous experimental estimates and projections \(2001 Census-based\)](#)

#### Frequency

Periodic

#### Data quality statement

[ABS Indigenous experimental estimates and projections, QS](#)

#### Data custodian

Australian Bureau of Statistics

#### Data Source

[AIHW National Mortality Database](#)

#### Frequency

Annual

#### Data custodian

Australian Institute of Health and Welfare

## Accountability attributes

**Reporting requirements:** National Healthcare Agreement

**Organisation responsible for providing data:** Australian Institute of Health and Welfare

**Further data development /  
collection required:**

Specification: Substantial work required, the measure requires significant work to be undertaken to validate both nationally and for disaggregation by jurisdiction.

The method has been recently reviewed and is preliminary, until validation work is complete. Any further improvements in diagnostic sensitivity and treatment patterns for acute coronary events will need to be taken into account in trend analysis.

## Relational attributes

**Related metadata  
references:**

Has been superseded by [National Healthcare Agreement: PI 09-Incidence of heart attacks, 2014](#)

[Health](#), Superseded 14/01/2015