

# Person—glycosylated haemoglobin level, code N

## Identifying and definitional attributes

<b>Metadata item type:</b>	Data Element
<b>Short name:</b>	Glycosylated haemoglobin level
<b>Synonymous names:</b>	HbA1c level
<b>METEOR identifier:</b>	589601
<b>Registration status:</b>	<ul style="list-style-type: none"><li>• <a href="#">Health</a>, Standard 13/03/2015</li><li>• <a href="#">Indigenous</a>, Standard 13/03/2015</li></ul>
<b>Definition:</b>	A person's glycosylated haemoglobin (HbA1c) level, as represented by a code.
<b>Data Element Concept:</b>	<a href="#">Person—glycosylated haemoglobin level</a>

## Value domain attributes

## Representational attributes

<b>Representation class:</b>	Code										
<b>Data type:</b>	Number										
<b>Format:</b>	N										
<b>Permissible values:</b>	<table><thead><tr><th>Value</th><th>Meaning</th></tr></thead><tbody><tr><td>1</td><td>Less than or equal to 7% (less than or equal to 53 mmol/mol)</td></tr><tr><td>2</td><td>Greater than 7% but less than or equal to 8% (greater than 53 mmol/mol but less than or equal to 64 mmol/mol)</td></tr><tr><td>3</td><td>Greater than 8% but less than 10% (greater than 64 mmol/mol but less than 86 mmol/mol)</td></tr><tr><td>4</td><td>Greater than or equal to 10% (greater than or equal to 86 mmol/mol)</td></tr></tbody></table>	Value	Meaning	1	Less than or equal to 7% (less than or equal to 53 mmol/mol)	2	Greater than 7% but less than or equal to 8% (greater than 53 mmol/mol but less than or equal to 64 mmol/mol)	3	Greater than 8% but less than 10% (greater than 64 mmol/mol but less than 86 mmol/mol)	4	Greater than or equal to 10% (greater than or equal to 86 mmol/mol)
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## Source and reference attributes

**Submitting organisation:** Australian Institute of Health and Welfare (AIHW)

## Data element attributes

## Collection and usage attributes

**Guide for use:** Prior to 2013, glycosylated haemoglobin levels were usually recorded as a percentage in Australia. However, the International HbA1c Consensus Committee recommends that the best way to record glycosylated haemoglobin levels is in mmol/mol. This recommendation was supported by the Australasian Association of Clinical Biochemists, the Royal College of Pathologists of Australasia, the Australian Diabetes Educators Association, and the Australian Diabetes Society. Following this, HbA1c results are now being recorded in two ways in clinical systems; as a percentage and as mmol/mol.

HbA1c results should be reported for all clients, regardless of the manner in which their HbA1c is recorded.

**Comments:** Glycosylated haemoglobin (HbA1c) is an index of average blood glucose level for the previous 2 to 3 months and is used to monitor blood sugar control in people with diabetes.

## Source and reference attributes

**Submitting organisation:** Australian Institute of Health and Welfare (AIHW)

## Relational attributes

**Related metadata references:** Supersedes [Person—glycosylated haemoglobin level, code N](#)

- [Health](#), Standard 07/12/2011

**Implementation in Data Set Specifications:**

[Indigenous primary health care DSS 2014-15](#)  
[Health](#), Superseded 13/03/2015  
[Indigenous](#), Superseded 13/03/2015

**Implementation start date:** 01/07/2014

**Implementation end date:** 30/06/2015

**Conditional obligation:**

Conditional on having had a glycosylated haemoglobin measurement result recorded within the previous 6 months or within the previous 12 months.

This item is only collected for persons who have Type II diabetes.

**DSS specific information:**

In the Indigenous primary health care DSS, this data element relates to glycosylated haemoglobin measurement results recorded within the previous 6 months and within the previous 12 months.

[Indigenous primary health care DSS 2015-17](#)  
[Health](#), Superseded 25/01/2018  
[Indigenous](#), Superseded 27/02/2018

**Implementation start date:** 01/07/2015

**Implementation end date:** 30/06/2017

**Conditional obligation:**

Conditional on having had a glycosylated haemoglobin measurement result recorded within the previous 6 months or within the previous 12 months.

This item is only collected for persons who have Type II diabetes.

**DSS specific information:**

In the Indigenous primary health care DSS, this data element relates to glycosylated haemoglobin measurement results recorded within the previous 6 months and within the previous 12 months.

[Indigenous primary health care NBEDS 2017–18](#)

[Health](#), Superseded 06/09/2018

[Indigenous](#), Superseded 22/10/2018

**Implementation start date:** 01/07/2017

**Implementation end date:** 30/06/2018

**Conditional obligation:**

Conditional on having had a glycosylated haemoglobin measurement result recorded within the previous 6 months or within the previous 12 months.

This item is only collected for persons who have Type II diabetes.

**DSS specific information:**

In the Indigenous primary health care NBEDS, this data element relates to glycosylated haemoglobin measurement results recorded within the previous 6 months and within the previous 12 months.

[Indigenous primary health care NBEDS 2018–19](#)

[Health](#), Superseded 12/12/2018

[Indigenous](#), Superseded 02/04/2019

**Implementation start date:** 01/07/2018

**Implementation end date:** 30/06/2019

**Conditional obligation:**

Conditional on having had a glycosylated haemoglobin measurement result recorded within the previous 6 months or within the previous 12 months.

This item is only collected for persons who have Type II diabetes.

**DSS specific information:**

In the Indigenous primary health care NBEDS, this data element relates to glycosylated haemoglobin measurement results recorded within the previous 6 months and within the previous 12 months.

[Indigenous primary health care NBEDS 2019–20 Health](#), Superseded 16/01/2020  
[Indigenous](#), Superseded 14/07/2021

**Implementation start date:** 01/07/2019

**Implementation end date:** 30/06/2020

**Conditional obligation:**

Conditional on having had a glycosylated haemoglobin measurement result recorded within the previous 6 months or within the previous 12 months.

This item is only collected for persons who have Type II diabetes.

**DSS specific information:**

In the Indigenous primary health care NBEDS, this data element relates to glycosylated haemoglobin measurement results recorded within the previous 6 months and within the previous 12 months.

[Indigenous primary health care NBEDS 2020–21 Health](#), Retired 13/10/2021

**Implementation start date:** 01/07/2020

**Implementation end date:** 30/06/2021

**Conditional obligation:**

Conditional on having had a glycosylated haemoglobin measurement result recorded within the previous 6 months or within the previous 12 months.

This item is only collected for persons who have Type II diabetes.

**DSS specific information:**

In the Indigenous primary health care NBEDS, this data element relates to glycosylated haemoglobin measurement results recorded within the previous 6 months and within the previous 12 months.

[Indigenous-specific primary health care NBEDS December 2020 Indigenous](#), Standard 14/07/2021

**Implementation start date:** 01/07/2020

**Implementation end date:** 31/12/2020

**Conditional obligation:**

Reporting against this data element is conditional on a person having both:

1. a 'CODE 02 Type 2 diabetes' response to '[Person—diabetes mellitus status, code NN](#)', and
2. a 'CODE 1 Yes' response to '[Person—glycosylated haemoglobin measurement result recorded indicator, yes/no code N](#)', where the result was recorded within the previous 6 months or within the previous 12 months, up to the census date.

**DSS specific information:**

In the ISPHC NBEDS 'type 2 diabetes' specifically excludes type 1 diabetes, secondary diabetes, gestational diabetes mellitus (GDM), previous GDM, impaired fasting glucose, and impaired glucose tolerance.

Data are provided to the AIHW twice, for glycosylated haemoglobin (HbA1c) measurement results recorded within the previous 6 months and within the previous 12 months (up to the census date.)

Data relating to only the most recently recorded result are provided to the AIHW.

[Indigenous-specific primary health care NBEDS June 2021 Indigenous](#), Standard 03/07/2022

**Implementation start date:** 01/01/2021

**Implementation end date:** 30/06/2021

**Conditional obligation:**

Reporting against this data element is conditional on a person having both:

1. a 'CODE 02 Type 2 diabetes' response to '[Person—diabetes mellitus status, code NN](#)', and
2. a 'CODE 1 Yes' response to [Person—glycosylated haemoglobin measurement result recorded indicator, yes/no code N](#), where the result was recorded within the previous 6 months or within the previous 12 months, up to the census date.

**DSS specific information:**

In the ISPHC NBEDS 'type 2 diabetes' specifically excludes type 1 diabetes, secondary diabetes, gestational diabetes mellitus (GDM), previous GDM, impaired fasting glucose, and impaired glucose tolerance.

Data are provided to the AIHW twice, for glycosylated haemoglobin (HbA1c) measurement results recorded within the previous 6 months and within the previous 12 months (up to the census date.)

Data relating to only the most recently recorded result are provided to the AIHW.

**Implementation in Indicators:**

**Used as Numerator**

[Indigenous primary health care: PI06a-Number of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2014 Health](#), Superseded 13/03/2015  
[Indigenous](#), Superseded 13/03/2015

[Indigenous primary health care: PI06a-Number of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2015 Health](#), Superseded 05/10/2016  
[Indigenous](#), Superseded 20/01/2017

[Indigenous primary health care: PI06a-Number of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2015-2017 Health](#), Superseded 25/01/2018  
[Indigenous](#), Superseded 27/02/2018

[Indigenous primary health care: PI06a-Number of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2015-2017 Health](#), Superseded 17/10/2018  
[Indigenous](#), Superseded 17/10/2018

[Indigenous primary health care: PI06a-Number of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2018-2019 Health](#), Superseded 16/01/2020  
[Indigenous](#), Superseded 14/07/2021

[Indigenous primary health care: PI06a-Number of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, June 2020 Health](#), Retired 13/10/2021  
[Indigenous](#), Superseded 14/07/2021

[Indigenous primary health care: PI06b-Proportion of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2014 Health](#), Superseded 13/03/2015  
[Indigenous](#), Superseded 13/03/2015

[Indigenous primary health care: PI06b-Proportion of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2015 Health](#), Superseded 05/10/2016  
[Indigenous](#), Superseded 20/01/2017

[Indigenous primary health care: PI06b-Proportion of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2015-2017 Health](#), Superseded 17/10/2018  
[Indigenous](#), Superseded 17/10/2018

[Indigenous primary health care: PI06b-Proportion of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2015-2017 Health](#), Superseded 25/01/2018  
[Indigenous](#), Superseded 27/02/2018

[Indigenous primary health care: PI06b-Proportion of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2018-2019 Health](#), Superseded 16/01/2020  
[Indigenous](#), Superseded 14/07/2021

[Indigenous primary health care: PI06b-Proportion of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, June 2020 Health](#), Retired 13/10/2021  
[Indigenous](#), Superseded 14/07/2021

[Indigenous-specific primary health care: PI06a-Number of Indigenous regular clients with type 2 diabetes who have an HbA1c measurement result within a specified level, December 2020 Indigenous](#), Superseded 03/07/2022

[Indigenous-specific primary health care: PI06a-Number of Indigenous regular clients with type 2 diabetes who have an HbA1c measurement result within a specified level, June 2021 Indigenous](#), Standard 03/07/2022

[Indigenous-specific primary health care: PI06b-Proportion of Indigenous regular clients with type 2 diabetes who have an HbA1c measurement result within a specified level, December 2020 Indigenous](#), Superseded 03/07/2022

[Indigenous-specific primary health care: PI06b-Proportion of Indigenous regular clients with type 2 diabetes who have an HbA1c measurement result within a specified level, June 2021 Indigenous](#), Standard 03/07/2022