

Person—glycated haemoglobin level, code N

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Person—glycated haemoglobin level, code N

Identifying and definitional attributes

Metadata item type:	Data Element
Short name:	Glycated haemoglobin level
Synonymous names:	HbA1c level
METEOR identifier:	785962
Registration status:	Indigenous , Standard 18/12/2023
Definition:	A person's glycated haemoglobin (HbA1c) level, as represented by a code.
Data Element Concept:	Person—glycated haemoglobin level
Value Domain:	Glycated haemoglobin level code N

Value domain attributes

Representational attributes

Representation class:	Code
Data type:	Number
Format:	N
Maximum character length:	1

	Value	Meaning
Permissible values:	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)

Source and reference attributes

Submitting organisation: Australian Institute of Health and Welfare

Data element attributes

Collection and usage attributes

Guide for use: Prior to 2013, glycated haemoglobin levels were usually recorded as a percentage in Australia. However, the International HbA1c Consensus Committee recommends that the best way to record glycated 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: Glycated 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

Relational attributes

Related metadata references: Supersedes [Person—glycosylated haemoglobin level, code N Health, Standard 13/03/2015](#)
[Indigenous, Superseded 18/12/2023](#)

Implementation in Data Set Specifications: [Aboriginal and Torres Strait Islander specific primary health care NBEDS December 2023](#)

[Indigenous, Superseded 27/04/2024](#)

Implementation start date: 01/07/2023

Implementation end date: 31/12/2023

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—glycated 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 ATSI PHC 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 glycated 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.

[Aboriginal and Torres Strait Islander specific primary health care NBEDS June 2024](#)

[Indigenous, Standard 27/04/2024](#)

Implementation start date: 01/01/2024

Implementation end date: 30/06/2024

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—glycated 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.

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

[Indigenous-specific primary health care NBEDS June 2023](#)

[Indigenous](#), Superseded 25/02/2024

Implementation start date: 01/01/2023

Implementation end date: 30/06/2023

Conditional obligation:

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

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2. a 'CODE 1 Yes' response to '[Person—glycated 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.

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Implementation in Indicators:

Used as Numerator

[First Nations-specific primary health care: PI06a-Number of First Nations regular clients with type 2 diabetes who have an HbA1c measurement result within a specified level, December 2023](#)

[Indigenous](#), Superseded 27/04/2024

[First Nations-specific primary health care: PI06a-Number of First Nations regular clients with type 2 diabetes who have an HbA1c measurement result within a specified level, June 2024](#)

[Indigenous](#), Standard 27/04/2024

[First Nations-specific primary health care: PI06b-Proportion of First Nations regular clients with type 2 diabetes who have an HbA1c measurement result within a specified level, December 2023](#)

[Indigenous](#), Superseded 27/04/2024

[First Nations-specific primary health care: PI06b-Proportion of First Nations regular clients with type 2 diabetes who have an HbA1c measurement result within a specified level, June 2024](#)

[Indigenous](#), Standard 27/04/2024

[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 2023](#)

[Indigenous](#), Superseded 25/02/2024

[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 2023](#)

[Indigenous](#), Superseded 25/02/2024