Indigenous primary health care: PI06a-Number of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2015-2017

Exported from METEOR

(AIHW's Metadata Online Registry)

© Australian Institute of Health and Welfare 2024

This product, excluding the AIHW logo, Commonwealth Coat of Arms and any material owned by a third party or protected by a trademark, has been released under a Creative Commons BY 4.0 (CC BY 4.0) licence. Excluded material owned by third parties may include, for example, design and layout, images obtained under licence from third parties and signatures. We have made all reasonable efforts to identify and label material owned by third parties.

You may distribute, remix and build on this website’s material but must attribute the AIHW as the copyright holder, in line with our attribution policy. The full terms and conditions of this licence are available at https://creativecommons.org/licenses/by/4.0/.

Enquiries relating to copyright should be addressed to info@aihw.gov.au.

Enquiries or comments on the METEOR metadata or download should be directed to the METEOR team at meteor@aihw.gov.au.

# Indigenous primary health care: PI06a-Number of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2015-2017

|  |  |
| --- | --- |
| Identifying and definitional attributes | |
| Metadata item type: | Indicator |
| Indicator type: | Output measure |
| Short name: | PI06a-Number of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2015-2017 |
| METEOR identifier: | 686425 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 17/10/2018  [Indigenous](https://meteor.aihw.gov.au/RegistrationAuthority/6), Superseded 17/10/2018 |
| Description: | Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within either the previous 6 months or 12 months, was categorised as one of the following:   * less than or equal to 7% (less than or equal to 53 mmol/mol); * greater than 7% but less than or equal to 8% (greater than 53 mmol/mol but less than or equal to 64 mmol/mol); * greater than 8% but less than 10% (greater than 64 mmol/mol but less than 86 mmol/mol) or; * greater than or equal to 10% (greater than or equal to 86 mmol/mol) |
| Rationale: | Chronic diseases, such as diabetes, are a major cause of morbidity and mortality among Aboriginal and Torres Strait Islander people. Monitoring glycosylated haemoglobin (HbA1c) levels plays a key role in the management of the disease. |
| Indicator set: | [Indigenous primary health care key performance indicators (2015-2017)](https://meteor.aihw.gov.au/content/686315)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 17/10/2018  [Indigenous](https://meteor.aihw.gov.au/RegistrationAuthority/6), Superseded 17/10/2018 |

|  |  |
| --- | --- |
| Collection and usage attributes | |
| Computation description: | Count of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within either the previous 6 months or 12 months, was categorised as one of the following:   * less than or equal to 7% (less than or equal to 53 mmol/mol); * greater than 7% but less than or equal to 8% (greater than 53 mmol/mol but less than or equal to 64 mmol/mol); * greater than 8% but less than 10% (greater than 64 mmol/mol but less than 86 mmol/mol) or; * greater than or equal to 10% (greater than or equal to 86 mmol/mol)   ‘Regular client’ refers to a client of an Australian Government Department of Health-funded primary health care service (that is required to report against the Indigenous primary health care key performance indicators) who has an active medical record; that is, a client who has attended the Department of Health-funded primary health care service at least 3 times in 2 years.  HbA1c: glycosylated haemoglobin.  Exclude Type I diabetes, secondary diabetes, gestational diabetes mellitus (GDM), previous GDM, impaired fasting glucose, impaired glucose tolerance.  Presented as a number.  Calculated separately for each HbA1c range, for each time period.  Include only the most recent HbA1c measurement result from each time period. |
| Computation: | Numerator only |
| Numerator: | Calculation A: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within the previous 6 months, was less than or equal to 7% (less than or equal to 53 mmol/mol).  Calculation B: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within the previous 6 months, was greater than 7% but less than or equal to 8% (greater than 53 mmol/mol but less than or equal to 64 mmol/mol).  Calculation C: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within the previous 6 months, was greater than 8% but less than 10% (greater than 64 mmol/mol but less than 86 mmol/mol).  Calculation D: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within the previous 6 months, was greater than or equal to 10% (greater than or equal to 86 mmol/mol).  Calculation E: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within the previous 12 months, was less than or equal to 7% (less than or equal to 53 mmol/mol).  Calculation F: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within the previous 12 months, was greater than 7% but less than or equal to 8% (greater than 53 mmol/mol but less than or equal to 64 mmol/mol).  Calculation G: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within the previous 12 months, was greater than 8% but less than 10% (greater than 64 mmol/mol but less than 86 mmol/mol).  Calculation H: Number of regular clients who are Indigenous, have Type II diabetes and whose HbA1c measurement result, recorded within the previous 12 months, was greater than or equal to 10% (greater than or equal to 86 mmol/mol). |
| Numerator data elements: | **Data Element / Data Set**  [Person—diabetes mellitus status, code NN](https://meteor.aihw.gov.au/content/270194)  **Data Source**  [Indigenous primary health care data collection](https://meteor.aihw.gov.au/content/430643)  **NMDS / DSS**  [Indigenous primary health care NBEDS 2017–18](https://meteor.aihw.gov.au/content/686603)  **Guide for use**    Type II diabetes only.    **Data Element / Data Set**  [Person—glycosylated haemoglobin level, code N](https://meteor.aihw.gov.au/content/589601)  **Data Source**  [Indigenous primary health care data collection](https://meteor.aihw.gov.au/content/430643)  **NMDS / DSS**  [Indigenous primary health care NBEDS 2017–18](https://meteor.aihw.gov.au/content/686603)  **Guide for use**    Response to this is conditional on responding 'yes' to having had an HbA1c measurement result recorded within either the previous 6 months or 12 months.    **Data Element / Data Set**  [Person—Indigenous status, code N](https://meteor.aihw.gov.au/content/602543)  **Data Source**  [Indigenous primary health care data collection](https://meteor.aihw.gov.au/content/430643)  **NMDS / DSS**  [Indigenous primary health care NBEDS 2017–18](https://meteor.aihw.gov.au/content/686603)  **Guide for use**    The implementation start date for this data element in the Indigenous primary health care NBEDS 2017-18 is 1 December 2017.    **Data Element / Data Set**  [Person—regular client indicator, yes/no code N](https://meteor.aihw.gov.au/content/686291)  **Data Source**  [Indigenous primary health care data collection](https://meteor.aihw.gov.au/content/430643)  **NMDS / DSS**  [Indigenous primary health care NBEDS 2017–18](https://meteor.aihw.gov.au/content/686603)  **Guide for use**    The implementation start date for this data element in the Indigenous primary health care NBEDS 2017-18 is 1 December 2017. |
| Disaggregation: | 1. Sex: a) Male b) Female  2. Age: a) 0-4 years b) 5-14 years c) 15-24 years d) 25-34 years e) 35-44 years f) 45-54 years g) 55-64 years h) 65 years and over |
| Disaggregation data elements: | **Data Element / Data Set**  [Person—age, total years N[NN]](https://meteor.aihw.gov.au/content/303794)  **Data Source**  [Indigenous primary health care data collection](https://meteor.aihw.gov.au/content/430643)  **NMDS / DSS**  [Indigenous primary health care NBEDS 2017–18](https://meteor.aihw.gov.au/content/686603)  **Data Element / Data Set**  [Person—sex, code X](https://meteor.aihw.gov.au/content/635126)  **Data Source**  [Indigenous primary health care data collection](https://meteor.aihw.gov.au/content/430643)  **NMDS / DSS**  [Indigenous primary health care NBEDS 2017–18](https://meteor.aihw.gov.au/content/686603)  **Guide for use**    The implementation start date for this data element in the Indigenous primary health care NBEDS 2017-18 is 1 December 2017. |
| Representational attributes | |
| Representation class: | Count |
| Data type: | Real |
| Unit of measure: | Person |
| Format: | N[N(6)] |
| Indicator conceptual framework | |
| Framework and dimensions: | [Effective/Appropriate/Efficient](https://meteor.aihw.gov.au/content/410681) |
| Data source attributes | |
| Data sources: | **Data Source**  [Indigenous primary health care data collection](https://meteor.aihw.gov.au/content/430643)  **Frequency**  6 monthly  **Data custodian**    Australian Institute of Health and Welfare. |
| Source and reference attributes | |
| Submitting organisation: | Australian Institute of Health and Welfare  Australian Government Department of Health |
| Relational attributes | |
| Related metadata references: | Supersedes [Indigenous primary health care: PI06a-Number of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2015-2017](https://meteor.aihw.gov.au/content/663928)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 25/01/2018  [Indigenous](https://meteor.aihw.gov.au/RegistrationAuthority/6), Superseded 27/02/2018  Has been superseded by [Indigenous primary health care: PI06a-Number of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2018-2019](https://meteor.aihw.gov.au/content/687943)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 16/01/2020  [Indigenous](https://meteor.aihw.gov.au/RegistrationAuthority/6), Superseded 14/07/2021  See also [Indigenous primary health care: PI06b-Proportion of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, 2015-2017](https://meteor.aihw.gov.au/content/686356)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 17/10/2018  [Indigenous](https://meteor.aihw.gov.au/RegistrationAuthority/6), Superseded 17/10/2018 |