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

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# 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

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| Identifying and definitional attributes | |
| Metadata item type: | Indicator |
| Indicator type: | Indicator |
| Short name: | PI06b-Proportion of Indigenous regular clients with type 2 diabetes who have an HbA1c measurement result within a specified level, December 2020 |
| METEOR identifier: | 739353 |
| Registration status: | [Indigenous](https://meteor-uat.aihw.gov.au/RegistrationAuthority/9), Standard 14/07/2021 |
| Description: | Proportion of [**Indigenous regular clients**](https://meteor-uat.aihw.gov.au/content/737993) with type 2 diabetes 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: | Diabetes is a major cause of morbidity and mortality among Aboriginal and Torres Strait Islander people. Monitoring glycosylated haemoglobin (HbA1c) levels plays a key role in diabetes management by providing a longer-term perspective on blood sugar control. |
| Indicator set: | [Indigenous-specific primary health care national key performance indicators December 2020](https://meteor-uat.aihw.gov.au/content/731839)  [Indigenous](https://meteor-uat.aihw.gov.au/RegistrationAuthority/9), Standard 14/07/2021 |

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| Collection and usage attributes | |
| Computation description: | Proportion of [**Indigenous regular clients**](https://meteor-uat.aihw.gov.au/content/737993) with type 2 diabetes whose HbA1c measurement result, recorded within 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).   Presented as a percentage.  Exclude type 1 diabetes, secondary diabetes, gestational diabetes mellitus (GDM), previous GDM, impaired fasting glucose (IFG), impaired glucose tolerance (IGT).  Calculated separately for each HbA1c range, for each time period.  Include only the most recent HbA1c measurement from each time period.  If the client has had their HbA1c measured more than once in the relevant period, only the most recently recorded result is included in this calculation. |
| Computation: | (Numerator ÷ Denominator) x 100 |
| Numerator: | Calculation A: Number of Indigenous regular clients with type 2 diabetes 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 Indigenous regular clients with type 2 diabetes 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 Indigenous regular clients with type 2 diabetes 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 Indigenous regular clients with type 2 diabetes 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 Indigenous regular clients with type 2 diabetes 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 Indigenous regular clients with type 2 diabetes 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 Indigenous regular clients with type 2 diabetes 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 Indigenous regular clients with type 2 diabetes 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-uat.aihw.gov.au/content/270194)  **Data Source**  [Indigenous-specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor-uat.aihw.gov.au/content/737914)  **NMDS / DSS**  [Indigenous-specific primary health care NBEDS December 2020](https://meteor-uat.aihw.gov.au/content/738532)  **Guide for use**  Type 2 diabetes only.    **Data Element / Data Set**  [Person—glycosylated haemoglobin level, code N](https://meteor-uat.aihw.gov.au/content/589601)  **Data Source**  [Indigenous-specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor-uat.aihw.gov.au/content/737914)  **NMDS / DSS**  [Indigenous-specific primary health care NBEDS December 2020](https://meteor-uat.aihw.gov.au/content/738532)  **Guide for use**  Response to this is conditional on responding 'yes' to having had an HbA1c measurement result recorded within the previous 6 or 12 months.    **Data Element / Data Set**  [Person—Indigenous status, code N](https://meteor-uat.aihw.gov.au/content/602543)  **Data Source**  [Indigenous-specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor-uat.aihw.gov.au/content/737914)  **NMDS / DSS**  [Indigenous-specific primary health care NBEDS December 2020](https://meteor-uat.aihw.gov.au/content/738532)  **Guide for use**  Indigenous only.    **Data Element / Data Set**  [Person—regular client indicator, yes/no code N](https://meteor-uat.aihw.gov.au/content/686291)  **Data Source**  [Indigenous-specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor-uat.aihw.gov.au/content/737914)  **NMDS / DSS**  [Indigenous-specific primary health care NBEDS December 2020](https://meteor-uat.aihw.gov.au/content/738532)  **Guide for use**  Regular client only. |
| Denominator: | Calculation A, B, C, D: Total number of Indigenous regular clients with type 2 diabetes who had an HbA1c measurement result recorded within the previous 6 months.  Calculation E, F, G, H: Total number of Indigenous regular clients with type 2 diabetes who had an HbA1c measurement result recorded within the previous 12 months. |
| Denominator data elements: | **Data Element / Data Set**  [Person—diabetes mellitus status, code NN](https://meteor-uat.aihw.gov.au/content/270194)  **Data Source**  [Indigenous-specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor-uat.aihw.gov.au/content/737914)  **NMDS / DSS**  [Indigenous-specific primary health care NBEDS December 2020](https://meteor-uat.aihw.gov.au/content/738532)  **Guide for use**  Type 2 diabetes only.    **Data Element / Data Set**  [Person—glycosylated haemoglobin measurement result recorded indicator, yes/no code N](https://meteor-uat.aihw.gov.au/content/441495)  **Data Source**  [Indigenous-specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor-uat.aihw.gov.au/content/737914)  **NMDS / DSS**  [Indigenous-specific primary health care NBEDS December 2020](https://meteor-uat.aihw.gov.au/content/738532)    **Data Element / Data Set**  [Person—Indigenous status, code N](https://meteor-uat.aihw.gov.au/content/602543)  **Data Source**  [Indigenous-specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor-uat.aihw.gov.au/content/737914)  **NMDS / DSS**  [Indigenous-specific primary health care NBEDS December 2020](https://meteor-uat.aihw.gov.au/content/738532)  **Guide for use**  Indigenous only.    **Data Element / Data Set**  [Person—regular client indicator, yes/no code N](https://meteor-uat.aihw.gov.au/content/686291)  **Data Source**  [Indigenous-specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor-uat.aihw.gov.au/content/737914)  **NMDS / DSS**  [Indigenous-specific primary health care NBEDS December 2020](https://meteor-uat.aihw.gov.au/content/738532)  **Guide for use**  Regular clients only. |
| Disaggregation: | 1. Sex: a) Male b) Female.  2. Age group: 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-uat.aihw.gov.au/content/303794)  **Data Source**  [Indigenous-specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor-uat.aihw.gov.au/content/737914)  **NMDS / DSS**  [Indigenous-specific primary health care NBEDS December 2020](https://meteor-uat.aihw.gov.au/content/738532)    **Data Element / Data Set**  [Person—sex, code X](https://meteor-uat.aihw.gov.au/content/635126)  **Data Source**  [Indigenous-specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor-uat.aihw.gov.au/content/737914)  **NMDS / DSS**  [Indigenous-specific primary health care NBEDS December 2020](https://meteor-uat.aihw.gov.au/content/738532) |
| Comments: | Census date for reporting is 31 December 2020. |
| Representational attributes | |
| Representation class: | Percentage |
| Data type: | Real |
| Unit of measure: | Person |
| Format: | N[NN].N |
| Indicator conceptual framework | |
| Framework and dimensions: | [Effective/Appropriate/Efficient](https://meteor-uat.aihw.gov.au/content/410681) |
| Data source attributes | |
| Data sources: | **Data Source**  [Indigenous-specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor-uat.aihw.gov.au/content/737914)  **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: PI06b-Proportion of regular clients with Type II diabetes whose HbA1c measurement result was within a specified level, June 2020](https://meteor-uat.aihw.gov.au/content/717289)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Retired 13/10/2021  [Indigenous](https://meteor-uat.aihw.gov.au/RegistrationAuthority/9), Superseded 14/07/2021  See also [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](https://meteor-uat.aihw.gov.au/content/739351)  [Indigenous](https://meteor-uat.aihw.gov.au/RegistrationAuthority/9), Standard 14/07/2021 |