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

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

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| 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| Registration status: | [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 17/10/2018  [Indigenous](https://meteor-uat.aihw.gov.au/RegistrationAuthority/9), Superseded 17/10/2018 |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-uat.aihw.gov.au/content/686315)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 17/10/2018  [Indigenous](https://meteor-uat.aihw.gov.au/RegistrationAuthority/9), Superseded 17/10/2018 |

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| 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-uat.aihw.gov.au/content/270194)  **Data Source**  [Indigenous primary health care data collection](https://meteor-uat.aihw.gov.au/content/430643)  **NMDS / DSS**  [Indigenous primary health care NBEDS 2017–18](https://meteor-uat.aihw.gov.au/content/686603)  **Guide for use**  Type II diabetes only.    **Data Element / Data Set**  [Person—glycosylated haemoglobin level, code N](https://meteor-uat.aihw.gov.au/content/589601)  **Data Source**  [Indigenous primary health care data collection](https://meteor-uat.aihw.gov.au/content/430643)  **NMDS / DSS**  [Indigenous primary health care NBEDS 2017–18](https://meteor-uat.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-uat.aihw.gov.au/content/602543)  **Data Source**  [Indigenous primary health care data collection](https://meteor-uat.aihw.gov.au/content/430643)  **NMDS / DSS**  [Indigenous primary health care NBEDS 2017–18](https://meteor-uat.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-uat.aihw.gov.au/content/686291)  **Data Source**  [Indigenous primary health care data collection](https://meteor-uat.aihw.gov.au/content/430643)  **NMDS / DSS**  [Indigenous primary health care NBEDS 2017–18](https://meteor-uat.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-uat.aihw.gov.au/content/303794)  **Data Source**  [Indigenous primary health care data collection](https://meteor-uat.aihw.gov.au/content/430643)  **NMDS / DSS**  [Indigenous primary health care NBEDS 2017–18](https://meteor-uat.aihw.gov.au/content/686603)    **Data Element / Data Set**  [Person—sex, code X](https://meteor-uat.aihw.gov.au/content/635126)  **Data Source**  [Indigenous primary health care data collection](https://meteor-uat.aihw.gov.au/content/430643)  **NMDS / DSS**  [Indigenous primary health care NBEDS 2017–18](https://meteor-uat.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-uat.aihw.gov.au/content/410681) |
| Data source attributes | |
| Data sources: | **Data Source**  [Indigenous primary health care data collection](https://meteor-uat.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-uat.aihw.gov.au/content/663928)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 25/01/2018  [Indigenous](https://meteor-uat.aihw.gov.au/RegistrationAuthority/9), 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-uat.aihw.gov.au/content/687943)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 16/01/2020  [Indigenous](https://meteor-uat.aihw.gov.au/RegistrationAuthority/9), 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-uat.aihw.gov.au/content/686356)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 17/10/2018  [Indigenous](https://meteor-uat.aihw.gov.au/RegistrationAuthority/9), Superseded 17/10/2018 |