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| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 17/10/2018[Indigenous](https://meteor.aihw.gov.au/RegistrationAuthority/6), Superseded 17/10/2018 |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      [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 17/10/2018       [Indigenous](https://meteor.aihw.gov.au/RegistrationAuthority/6), Superseded 17/10/2018 |

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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.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) Maleb) Female2. Age:a) 0-4 yearsb) 5-14 yearsc) 15-24 yearsd) 25-34 yearse) 35-44 yearsf) 45-54 yearsg) 55-64 yearsh) 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 WelfareAustralian 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 27/02/2018Has 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 14/07/2021See 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 |