Indigenous primary health care: PI24b-Proportion of regular clients with Type II diabetes whose blood pressure measurement result was less than or equal to 130/80 mmHg, 2015-2017

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# Indigenous primary health care: PI24b-Proportion of regular clients with Type II diabetes whose blood pressure measurement result was less than or equal to 130/80 mmHg, 2015-2017

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| Identifying and definitional attributes | |
| Metadata item type: | Indicator |
| Indicator type: | Indicator |
| Short name: | PI24b-Proportion of regular clients with Type II diabetes whose blood pressure measurement result was less than or equal to 130/80 mmHg, 2015-2017 |
| METEOR identifier: | 686385 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 17/10/2018  [Indigenous](https://meteor.aihw.gov.au/RegistrationAuthority/6), Superseded 17/10/2018 |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: | Proportion of regular clients who are Indigenous, have Type II diabetes and whose blood pressure measurement result, recorded within the previous 6 months, was less than or equal to 130/80 mmHg. |
| Rationale: | The blood pressure target for people with Type II diabetes is less than or equal to 130/80 mmHg. This level is shown to significantly decrease macrovascular (stroke, heart attack and heart failure) and microvascular (kidney disease, eye disease and peripheral neuropathy) complications. |
| 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(2015-2017)](https://meteor.aihw.gov.au/content/686315)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 17/10/2018  [Indigenous](https://meteor.aihw.gov.au/RegistrationAuthority/6), Superseded 17/10/2018 |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: | Proportion of regular clients who are Indigenous, have Type II diabetes and whose blood pressure measurement result, recorded within the previous 6 months, was less than or equal to 130/80 mmHg.  ‘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.  Exclude Type I diabetes, secondary diabetes, gestational diabetes mellitus (GDM), previous GDM, impaired fasting glucose, impaired glucose tolerance.  The client does not have a blood pressure measurement of less than or equal to 130/80 mmHg if either the systolic or diastolic reading is above the threshold (130 and 80 respectively).  In the general population, blood pressure over 140/90 mmHg is considered high. The blood pressure target for those with Type II diabetes is less than or equal to 130/80 mmHg as it is shown to significantly decrease macrovascular (stroke, heart attack and heart failure) and microvascular (kidney disease, eye disease and peripheral neuropathy) complications.  Presented as a percentage.  If the client has had more than one blood pressure measurement within the previous 6 months, only the most recently recorded result is included in this calculation. |
| Computation: | (Numerator ÷ Denominator) x 100 |
| Numerator: | Number of regular clients who are Indigenous, have Type II diabetes and whose blood pressure measurement result, recorded within the previous 6 months, was less than or equal to 130/80 mmHg. |
| 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—blood pressure measurement result less than or equal to 130/80 mmHg indicator, yes/no code N](https://meteor.aihw.gov.au/content/443234)  **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 a blood pressure measurement result recorded in the previous 6 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. |
| Denominator: | Total number of regular clients who are Indigenous, have Type II diabetes and had a blood pressure measurement result recorded within the previous 6 months. |
| Denominator 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—blood pressure measurement result recorded indicator, yes/no code N](https://meteor.aihw.gov.au/content/441407)  **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—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: | Percentage |
| Data type: | Real |
| Unit of measure: | Person |
| Format: | N[N].N |
| 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: PI24b-Proportion of regular clients with Type II diabetes whose blood pressure measurement result was less than or equal to 130/80 mmHg, 2015-2017](https://meteor.aihw.gov.au/content/663992)  [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: PI24b-Proportion of regular clients with Type II diabetes whose blood pressure measurement result was less than or equal to 130/80 mmHg, 2018-2019](https://meteor.aihw.gov.au/content/688024)  [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: PI24a-Number of regular clients with Type II diabetes whose blood pressure measurement result was less than or equal to 130/80 mmHg, 2015-2017](https://meteor.aihw.gov.au/content/686383)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 17/10/2018  [Indigenous](https://meteor.aihw.gov.au/RegistrationAuthority/6), Superseded 17/10/2018 |