First Nations-specific primary health care: PI24b-Proportion of First Nations regular clients with type 2 diabetes who have a blood pressure measurement result within a specified category, June 2024

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# First Nations-specific primary health care: PI24b-Proportion of First Nations regular clients with type 2 diabetes who have a blood pressure measurement result within a specified category, June 2024

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| Identifying and definitional attributes | |
| Metadata item type: | Indicator |
| Indicator type: | Indicator |
| Short name: | PI24b-Proportion of First Nations regular clients with type 2 diabetes who have a blood pressure measurement result within a specified category, June 2024 |
| METEOR identifier: | 789291 |
| Registration status: | [Indigenous](https://meteor.aihw.gov.au/RegistrationAuthority/6), Standard 27/04/2024 |
| Description: | Proportion of [**First Nations regular clients**](https://meteor.aihw.gov.au/content/788128) with type 2 diabetes whose blood pressure measurement result recorded within the previous 6 months was less than or equal to 140/90 mmHg. |
| Rationale: | People with type 2 diabetes have a higher risk of developing high blood pressure. The RACGP diabetes management guidelines currently recommend a target blood pressure of 140/90 mmHg for people with type 2 diabetes (RACGP 2020). Managing a healthy blood pressure can reduce the risk and slow the progression of chronic conditions, such as cardiovascular disease, nephropathy, and diabetic eye disease. |
| Indicator set: | [Aboriginal and Torres Strait Islander specific primary health care national key performance indicators June 2024](https://meteor.aihw.gov.au/content/789144)  [Indigenous](https://meteor.aihw.gov.au/RegistrationAuthority/6), Standard 27/04/2024 |

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| Collection and usage attributes | |
| Computation description: | Proportion of First Nations regular clients with type 2 diabetes whose blood pressure measurement result recorded within the previous 6 months was less than or equal to 140/90 mmHg.  Presented as a percentage.  Blood pressure result: the client does not have a blood pressure measurement of less than or equal to 140/90 mmHg if either the systolic or diastolic reading is above the threshold (140 and 90 respectively).  Include: only the most recently recorded result if the client has had more than one blood pressure measurement within the previous 6 months.  Exclude: type 1 diabetes, secondary diabetes, gestational diabetes mellitus (GDM), previous GDM, impaired fasting glucose, impaired glucose tolerance. |
| Computation: | (Numerator ÷ Denominator) x 100 |
| Numerator: | Number of First Nations regular clients with type 2 diabetes whose blood pressure measurement result recorded within the previous 6 months was less than or equal to 140/90 mmHg. |
| Numerator data elements: | **Data Element / Data Set**  [Person—diabetes mellitus status, code NN](https://meteor.aihw.gov.au/content/270194)  **Data Source**  [Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor.aihw.gov.au/content/737914)  **NMDS / DSS**  [Aboriginal and Torres Strait Islander specific primary health care NBEDS June 2024](https://meteor.aihw.gov.au/content/789146)  **Guide for use**  Type 2 diabetes only.    **Data Element / Data Set**  [Person—Indigenous status, code N](https://meteor.aihw.gov.au/content/602543)  **Data Source**  [Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor.aihw.gov.au/content/737914)  **NMDS / DSS**  [Aboriginal and Torres Strait Islander specific primary health care NBEDS June 2024](https://meteor.aihw.gov.au/content/789146)  **Guide for use**  First Nations only.    **Data Element / Data Set**  [Person—blood pressure measurement result less than or equal to 140/90 mmHg indicator, yes/no code N](https://meteor.aihw.gov.au/content/754510)  **Data Source**  [Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor.aihw.gov.au/content/737914)  **NMDS / DSS**  [Aboriginal and Torres Strait Islander specific primary health care NBEDS June 2024](https://meteor.aihw.gov.au/content/789146)  **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—regular client indicator, yes/no code N](https://meteor.aihw.gov.au/content/777814)  **Data Source**  [Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor.aihw.gov.au/content/737914)  **NMDS / DSS**  [Aboriginal and Torres Strait Islander specific primary health care NBEDS June 2024](https://meteor.aihw.gov.au/content/789146)  **Guide for use**  Regular clients only. |
| Denominator: | Total number of First Nations regular clients with type 2 diabetes who 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**  [Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor.aihw.gov.au/content/737914)  **NMDS / DSS**  [Aboriginal and Torres Strait Islander specific primary health care NBEDS June 2024](https://meteor.aihw.gov.au/content/789146)  **Guide for use**  Type 2 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**  [Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor.aihw.gov.au/content/737914)  **NMDS / DSS**  [Aboriginal and Torres Strait Islander specific primary health care NBEDS June 2024](https://meteor.aihw.gov.au/content/789146)  **Guide for use**  Blood pressure measurement result recorded only.    **Data Element / Data Set**  [Person—Indigenous status, code N](https://meteor.aihw.gov.au/content/602543)  **Data Source**  [Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor.aihw.gov.au/content/737914)  **NMDS / DSS**  [Aboriginal and Torres Strait Islander specific primary health care NBEDS June 2024](https://meteor.aihw.gov.au/content/789146)  **Guide for use**  First Nations only.    **Data Element / Data Set**  [Person—regular client indicator, yes/no code N](https://meteor.aihw.gov.au/content/777814)  **Data Source**  [Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor.aihw.gov.au/content/737914)  **NMDS / DSS**  [Aboriginal and Torres Strait Islander specific primary health care NBEDS June 2024](https://meteor.aihw.gov.au/content/789146)  **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.aihw.gov.au/content/303794)  **Data Source**  [Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor.aihw.gov.au/content/737914)  **NMDS / DSS**  [Aboriginal and Torres Strait Islander specific primary health care NBEDS June 2024](https://meteor.aihw.gov.au/content/789146)    **Data Element / Data Set**  [Person—sex, code X](https://meteor.aihw.gov.au/content/741686)  **Data Source**  [Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor.aihw.gov.au/content/737914)  **NMDS / DSS**  [Aboriginal and Torres Strait Islander specific primary health care NBEDS June 2024](https://meteor.aihw.gov.au/content/789146)  **Guide for use**  Male and female only. |
| Comments: | Census date for reporting is 30 June 2024. |
| 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.aihw.gov.au/content/410681) |
| Data source attributes | |
| Data sources: | **Data Source**  [Aboriginal and Torres Strait Islander specific primary health care national Key Performance Indicators (nKPI) data collection](https://meteor.aihw.gov.au/content/737914)  **Frequency**  6 monthly  **Data custodian**  Australian Institute of Health and Welfare. |
| Accountability attributes | |
| Reporting requirements: | Funding agreements between the Department of Health and Aged Care and the organisations funded under the Indigenous Australians' Health Programme (IAHP). |
| Organisation responsible for providing data: | First Nations-specific primary health care organisations or maternal and child health programs/services funded by the Department of Health and Aged Care under its IAHP, referred to as [**funded organisations**](https://meteor.aihw.gov.au/content/787038). |
| Accountability: | Australian Institute of Health and Welfare/Department of Health and Aged Care |
| Source and reference attributes | |
| Submitting organisation: | Australian Institute of Health and Welfare |
| Reference documents: | RACGP (The Royal Australian College of General Practitioners) (2020) *Management of type 2 diabetes: A handbook for general practice*, RACGP, East Melbourne. |
| Relational attributes | |
| Related metadata references: | Supersedes [First Nations-specific primary health care: PI24b-Proportion of First Nations regular clients with type 2 diabetes who have a blood pressure measurement result within a specified category, December 2023](https://meteor.aihw.gov.au/content/788093)  [Indigenous](https://meteor.aihw.gov.au/RegistrationAuthority/6), Superseded 27/04/2024  See also [First Nations-specific primary health care: PI24a-Number of First Nations regular clients with type 2 diabetes who have a blood pressure measurement result within a specified category, June 2024](https://meteor.aihw.gov.au/content/789287)  [Indigenous](https://meteor.aihw.gov.au/RegistrationAuthority/6), Standard 27/04/2024 |