National Healthcare Agreement: PI 10–Prevalence of Type 2 diabetes, 2020

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# National Healthcare Agreement: PI 10–Prevalence of Type 2 diabetes, 2020

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| Identifying and definitional attributes | |
| Metadata item type: | Indicator |
| Indicator type: | Progress measure |
| Short name: | PI 10–Prevalence of Type 2 diabetes, 2020 |
| METEOR identifier: | 716381 |
| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 13/03/2020 |
| Description: | The proportion of people who have Type 2 diabetes. |
| Indicator set: | [National Healthcare Agreement (2020)](https://meteor.aihw.gov.au/content/716246)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 13/03/2020 |
| Outcome area: | [Prevention](https://meteor.aihw.gov.au/content/393136)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 07/07/2010 |

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| Collection and usage attributes | |
| Computation description: | The National Health Measures Survey component of the 2011–13 Australian Health Survey (ABS cat. no. [4364.0.55.005](http://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/4364.0.55.005main+features12011-12)) included a fasting plasma glucose test.  A respondent to the survey is considered to have *known diabetes* if they had ever been told by a doctor or nurse that they have Type 2 diabetes and:   * they were taking diabetes medication (either insulin or tablets); or * their blood test result for fasting plasma glucose was greater than or equal to 7.0 mmol/L.   A respondent to the survey is considered to have *newly diagnosed diabetes* if they reported no prior diagnosis of diabetes, but had a fasting plasma glucose value greater than or equal to 7.0 mmol/L.  Excludes persons who did not fast for 8 hours or more prior to their blood test.  Excludes women with gestational diabetes.  The data are reported for two age ranges:   * people aged 18 and over; and * people aged 25 and over, as a supplementary measure.   Rates are directly age-standardised to the 2001 Australian population.  Analysis by remoteness and Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-Economic Disadvantage (IRSD) is based on usual residence of the person (based on data availability).  Presented as a percentage.  95% confidence intervals and relative standard errors calculated for rates.  Note: The type of diabetes for newly diagnosed cases cannot be determined from a fasting plasma glucose or HbA1c test alone.  However, it is assumed that the vast majority of newly diagnosed cases would be Type 2. |
| Computation: | 100 x (Numerator ÷ Denominator) |
| Numerator: | Number of persons aged 18 and over with *known diabetes* (Type 2) or *newly diagnosed diabetes* as determined by a fasting plasma glucose test.  For the supplementary measure: number of persons aged 25 and over with *known diabetes*(Type 2) or *newly diagnosed diabetes* as determined by a fasting plasma glucose test. |
| Numerator data elements: | **Data Element / Data Set**  Person with known diabetes (Type 2) or newly diagnosed diabetes as determined by a fasting plasma glucose test  **Data Source**  [ABS Australian Health Survey (AHS), 2011–13 (2011–12 National Health Measures Survey component)](https://meteor.aihw.gov.au/content/585482)  **Guide for use**  Data source type: Survey    **Data Element / Data Set**  Person—age  **Data Source**  [ABS Australian Health Survey (AHS), 2011–13 (2011–12 National Health Measures Survey component)](https://meteor.aihw.gov.au/content/585482)  **Guide for use**  Data source type: Survey    **Data Element / Data Set**  Person with known diabetes (Type 2) or newly diagnosed diabetes as determined by a fasting plasma glucose test  **Data Source**  [ABS Australian Aboriginal and Torres Strait Islander Health Survey (AATSIHS), 2012–13 (National Aboriginal and Torres Strait Islander Health Measures Survey component)](https://meteor.aihw.gov.au/content/585499)  **Guide for use**  Data source type: Survey    **Data Element / Data Set**  Person—age  **Data Source**  [ABS Australian Aboriginal and Torres Strait Islander Health Survey (AATSIHS), 2012–13 (National Aboriginal and Torres Strait Islander Health Measures Survey component)](https://meteor.aihw.gov.au/content/585499)  **Guide for use**  Data source type: Survey |
| Denominator: | Population aged 18 and over.  For the supplementary measure: population aged 25 and over. |
| Denominator data elements: | **Data Element / Data Set**  Person—age  **Data Source**  [ABS Australian Health Survey (AHS), 2011–13 (2011–12 National Health Measures Survey component)](https://meteor.aihw.gov.au/content/585482)  **Guide for use**  Data source type: Survey    **Data Element / Data Set**  Person—age  **Data Source**  [ABS Australian Aboriginal and Torres Strait Islander Health Survey (AATSIHS), 2012–13 (National Aboriginal and Torres Strait Islander Health Measures Survey component)](https://meteor.aihw.gov.au/content/585499)  **Guide for use**  Data source type: Survey |
| Disaggregation: | State and territory, by:   * sex * Indigenous status.   Nationally, by:   * remoteness (Australian Statistical Geography Standard (ASGS) Remoteness Structure) * 2011 SEIFA IRSD quintiles.   Some disaggregation may result in numbers too small for publication. |
| Disaggregation data elements: | **Data Element / Data Set**  Person—Indigenous status  **Data Source**  [ABS Australian Aboriginal and Torres Strait Islander Health Survey (AATSIHS), 2012–13 (National Aboriginal and Torres Strait Islander Health Measures Survey component)](https://meteor.aihw.gov.au/content/585499)  **Guide for use**  Data source type: Survey    **Data Element / Data Set**  Person—sex  **Data Source**  [ABS Australian Aboriginal and Torres Strait Islander Health Survey (AATSIHS), 2012–13 (National Aboriginal and Torres Strait Islander Health Measures Survey component)](https://meteor.aihw.gov.au/content/585499)  **Guide for use**  Data source type: Survey    **Data Element / Data Set**  [Person—area of usual residence, statistical area level 2 (SA2) code (ASGS 2011) N(9)](https://meteor.aihw.gov.au/content/469909)  **Data Source**  [ABS Australian Health Survey (AHS), 2011–13 (2011–12 National Health Measures Survey component)](https://meteor.aihw.gov.au/content/585482)  **Guide for use**  Data source type: Survey  Used for disaggregation by state/territory, remoteness and SEIFA of residence    **Data Element / Data Set**  [Person—area of usual residence, statistical area level 2 (SA2) code (ASGS 2011) N(9)](https://meteor.aihw.gov.au/content/469909)  **Data Source**  [ABS Australian Aboriginal and Torres Strait Islander Health Survey (AATSIHS), 2012–13 (National Aboriginal and Torres Strait Islander Health Measures Survey component)](https://meteor.aihw.gov.au/content/585499)  **Guide for use**  Data source type: Survey  Used for disaggregation by state/territory |
| Comments: | Most recent data available for 2020 National Healthcare Agreement performance reporting: 2011-12 (total population, non-Indigenous: AHS); 2012–13 (Indigenous only: AATSIHS).  NO NEW DATA FOR 2020 REPORTING. |
| Representational attributes | |
| Representation class: | Percentage |
| Data type: | Real |
| Unit of measure: | Person |
| Format: | N[NN].N |
| Data source attributes | |
| Data sources: | **Data Source**  [ABS Australian Health Survey (AHS), 2011–13 (2011–12 National Health Measures Survey component)](https://meteor.aihw.gov.au/content/585482)  **Data custodian**  Australian Bureau of Statistics    **Data Source**  [ABS Australian Aboriginal and Torres Strait Islander Health Survey (AATSIHS), 2012–13 (National Aboriginal and Torres Strait Islander Health Measures Survey component)](https://meteor.aihw.gov.au/content/585499)  **Data custodian**  Australian Bureau of Statistics |
| Accountability attributes | |
| Reporting requirements: | National Healthcare Agreement |
| Organisation responsible for providing data: | Australian Bureau of Statistics |
| Benchmark: | [PB c-Better health: reduce the age-adjusted prevalence rate for Type 2 diabetes to 2000 levels (equivalent to a national prevalence rate (for 25 years and over) of 7.1 per cent) by 2023, 2020](https://meteor.aihw.gov.au/content/716258) |
| Further data development / collection required: | Specification: Final, the measure meets the intention of the indicator. |
| Source and reference attributes | |
| Submitting organisation: | Australian Bureau of Statistics |
| Relational attributes | |
| Related metadata references: | Supersedes [National Healthcare Agreement: PI 10–Prevalence of Type 2 diabetes, 2019](https://meteor.aihw.gov.au/content/698920)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 13/03/2020  Has been superseded by [National Healthcare Agreement: PI 10–Prevalence of Type 2 diabetes, 2021](https://meteor.aihw.gov.au/content/725809)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 03/07/2020  See also [Australian Health Performance Framework: PI 3.1.7–Prevalence of type 2 diabetes, 2019](https://meteor.aihw.gov.au/content/715302)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 13/10/2021  See also [Australian Health Performance Framework: PI 3.1.7–Prevalence of type 2 diabetes, 2020](https://meteor.aihw.gov.au/content/728408)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 13/10/2021  See also [National Healthcare Agreement: PB c–Better health: reduce the age-adjusted prevalence rate for Type 2 diabetes to 2000 levels (equivalent to a national prevalence rate (for 25 years and over) of 7.1 per cent) by 2023, 2020](https://meteor.aihw.gov.au/content/716258)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 13/03/2020  See also [National Healthcare Agreement: PI 15–Effective management of diabetes, 2020](https://meteor.aihw.gov.au/content/716465)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 13/03/2020 |