National Healthcare Agreement: PI 10-Prevalence of Type 2 diabetes, 2014

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# National Healthcare Agreement: PI 10-Prevalence of Type 2 diabetes, 2014

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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, 2014 |
| METEOR identifier: | 517667 |
| Registration status: | [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 14/01/2015 |
| Description: | The proportion of people who have Type 2 diabetes. |
| Indicator set: | [National Healthcare Agreement (2014)](https://meteor-uat.aihw.gov.au/content/517609)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 14/01/2015 |
| Data quality statement: | [National Healthcare Agreement: PI 10-Prevalence of Type 2 diabetes, 2014 QS](https://meteor-uat.aihw.gov.au/content/555622)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 14/01/2015 |

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| Collection and usage attributes | |
| Computation description: | The National Health Measures Survey component of the 2011–13 Australian Health Survey 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 years and over; and * People aged 25 years 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 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 years 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 years 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**Persons with *known diabetes* (Type 2) or *newly diagnosed diabetes*.  **Data Source**  [ABS Australian Health Survey (AHS), 2011-13](https://meteor-uat.aihw.gov.au/content/481875)  **Guide for use**  ABS National Health Measures Survey - respondents voluntarily provided blood and urine samples, which were then analysed for specific chronic disease and nutrition biomarkers. |
| Denominator: | Population aged 18 year and over.  For the supplementary measure: population aged 25 years and over. |
| Denominator data elements: | **Data Element / Data Set**  [Person—age, total years N[NN]](https://meteor-uat.aihw.gov.au/content/303794)  **Data Source**  [ABS Australian Health Survey (AHS), 2011-13](https://meteor-uat.aihw.gov.au/content/481875)  **Guide for use**  Data source type: Survey    **Data Element / Data Set**  [Person—age, total years N[NN]](https://meteor-uat.aihw.gov.au/content/303794)  **Data Source**  [ABS Australian Aboriginal and Torres Strait Islander Health Survey (AATSIHS), 2012-13](https://meteor-uat.aihw.gov.au/content/529760)  **Guide for use**  Data source type: Survey. |
| Disaggregation: | 2011–12—State and territory, by sex.  2011–12—Nationally, by:   * remoteness (Australian Statistical Geography Standard (ASGS) Remoteness Structure). * 2011 Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-economic Disadvantage (IRSD) quintiles. |
| Comments: | Most recent data available for 2014 Council of Australian Governments (COAG) Reform Council (CRC) report: 2011–12.  Results for the Aboriginal and Torres Strait Islander population will be available in 2014. |
| Representational attributes | |
| Representation class: | Percentage |
| Data type: | Real |
| Unit of measure: | Person |
| Data source attributes | |
| Data sources: | **Data Source**  [ABS Australian Health Survey (AHS), 2011-13](https://meteor-uat.aihw.gov.au/content/481875)  **Frequency**  Every 3 years  **Data custodian**  Australian Bureau of Statistics    **Data Source**  [ABS Australian Aboriginal and Torres Strait Islander Health Survey (AATSIHS), 2012-13](https://meteor-uat.aihw.gov.au/content/529760)  **Frequency**  Every 6 years  **Data custodian**  Australian Bureau of Statistics |
| Accountability attributes | |
| Reporting requirements: | National Healthcare Agreement |
| Organisation responsible for providing data: | Australian Bureau of Statistics |
| Benchmark: | [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 15 years and over) of 7.1 per cent) by 2023, 2014](http://0.0.0.9/) |
| Further data development / collection required: | Specification: Minor work required, the measure needs minor work to meet 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, 2013](https://meteor-uat.aihw.gov.au/content/497459)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 30/04/2014  Has been superseded by [National Healthcare Agreement: PI 10-Prevalence of Type 2 diabetes, 2015](https://meteor-uat.aihw.gov.au/content/559048)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 08/07/2016  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, 2014](https://meteor-uat.aihw.gov.au/content/517699)  [Health!](https://meteor-uat.aihw.gov.au/RegistrationAuthority/14), Superseded 14/01/2015 |