Australian Health Performance Framework: PI 1.2.2– Children exposed to tobacco smoke in the home, 2020

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Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	AHPF PI 1.2.2–Children exposed to tobacco smoke in the home, 2020
METEOR identifier:	728294
Registration status:	Health, Standard 13/10/2021
Description:	The proportion of households with dependent children (aged 0–14) where someone reports living with a smoker who smokes daily inside the home.
Rationale:	Second-hand smoke can cause lung cancer and heart disease deaths to non-smokers. Second-hand smoke can be especially harmful to children's health because their lungs are still developing.
Indicator set:	Australian Health Performance Framework, 2020 Health, Superseded 11/07/2023

Collection and usage attributes

Computation description:	The proportion of households with children aged 0–14 where someone smokes at least one cigarette, cigar or pipe of tobacco per day inside the home. Analysis by remoteness and Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-Economic Disadvantage (IRSD) is based on usual residence of person. Presented as a percentage for households (percentage is not age standardised). 95% confidence intervals and relative standard errors are calculated for percentages.
Computation:	100 × (Numerator ÷ Denominator)
Numerator:	The number of households with dependent children aged 0–14 with a household member who smokes daily inside a home (as reported by a member of that household)

Numerator data elements:

Data Element / Data Set

Data Element

Number of households with dependent children aged 0–14

Data Source

[AIHW National Drug Strategy Household Survey](#)

Guide for use

Data source type: Survey

Data Element / Data Set

Data Element

Tobacco smoke exposure status within household

Data Source

[AIHW National Drug Strategy Household Survey](#)

Guide for use

Data source type: Survey

Denominator: The number of households with children aged 0–14

Denominator data elements:

Data Element / Data Set

Data Element

Number of households with dependent children aged 0–14

Data Source

[AIHW National Drug Strategy Household Survey](#)

Guide for use

Data source type: Survey

Disaggregation: 2001, 2004, 2007, 2010, 2013, 2016, and 2019—Nationally, by exposure status (Someone smokes inside the home, Someone only smokes outside the home, No one at home regularly smokes) and:

- Remoteness (Australian Statistical Geography Standard (ASGS) 2016 Remoteness Structure) (Major cities, Inner regional, Outer regional, Remote/Very remote)
- 2016 SEIFA IRSD quintiles.

State and territory, by:

- Exposure status (Someone smokes inside the home, Someone only smokes outside the home, No one at home regularly smokes) (not reported).

Disaggregation data elements:

Data Element / Data Set

Data Element

Dwelling—geographic remoteness

Data Source

[AIHW National Drug Strategy Household Survey](#)

Guide for use

Data source type: Survey

Data Element / Data Set

Data Element

Household—statistical area level 1 (SA1) code (ASGS 2016)

Data Source

[AIHW National Drug Strategy Household Survey](#)

Guide for use

Data source type: Survey
Used to produce disaggregations by state/territory, remoteness and SEIFA.

Data Element / Data Set

Data Element

Tobacco smoke exposure status within household

Data Source

[AIHW National Drug Strategy Household Survey](#)

Guide for use

Data source type: Survey

Comments:

Most recent data available for 2020 Australian Health Performance Framework reporting: 2019.

Data for 2001, 2004, 2007, 2010, 2013, and 2016 were obtained from the AIHW National Drug Strategy Household Survey (NDSHS) run in respect of these years. Similar data elements were used to those listed above for the 2019 NDSHS.

The SEIFA Index of Relative Socio-Economic Disadvantage (IRSD) has been used for this indicator. However, the SEIFA Index of Relative Socio-Economic Advantage and Disadvantage (IRSAD) is usually used for reporting data by socio-economic area in the NDSHS.

Indigenous estimates have been provided, however the NDSHS is not specifically designed to obtain reliable national estimates for Aboriginal and Torres Strait Islander people. In the 2019 NDSHS 2.4% of the sample (or approximately 533 respondents) identified as being of Aboriginal and/or Torres Strait Islander origin. For the first time, the 2019 NDSHS included remote Indigenous communities in the sample. However, these communities have been excluded from the analysis for this indicator. The differences in the sample selection process and the differences in the methodology means that the data collected from the remote Indigenous communities is not considered comparable to the data collected from Indigenous people surveyed in non-remote Indigenous communities. The exclusion of remote Indigenous communities makes it difficult to generalise the results in the NDSHS to the whole Indigenous population.

Age and sex disaggregations are not available as the data are based on the household, not the respondent.

Representational attributes

Representation class:	Proportion
Data type:	Real
Unit of measure:	Household
Format:	N[N].N

Indicator conceptual framework

Framework and dimensions:	2. Health behaviours

Data source attributes

Data sources:

┌─ **Data Source** ─────────────────────────────────────┐

AIHW National Drug Strategy Household Survey

Frequency

Every three years.

Data custodian

Australian Institute of Health and Welfare

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Accountability attributes

Methodology:	Surveyed respondents are persons aged 14 and over living in a private residence (prior to 2019, surveyed respondents included people aged 12 and over). Respondents are asked if the residence includes children aged 14 or less, and if so, whether the residents include someone who smokes inside the home, someone who only smokes outside the home, or no one at home who regularly smokes.
Reporting requirements:	Australian Health Performance Framework
Organisation responsible for providing data:	Australian Institute of Health and Welfare
Accountability:	Australian Institute of Health and Welfare
Other issues caveats:	Most recent results are from the 2019 survey.

Source and reference attributes

Submitting organisation:	Australian Institute of Health and Welfare

Relational attributes

Related metadata references:	Supersedes Australian Health Performance Framework: PI 1.2.2–Children exposed to tobacco smoke in the home, 2019 Health, Superseded 13/10/2021