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Indicator: Premature Mortality

Indicator Definition

Proportion of residents who had premature deaths, that is their main cause of death is 'external' and considered potentially avoidable

Indicator Specification

Numerator data source

NDI

Numerator

Number of permanent residents who died and had a main cause of death found in Table 1 [1]

Table 1. External and potentially avoidable causes of death, descriptions and ICD-10-AM codes

Description	Code
Pedestrian injured in transport accident	V01-V09
Pedal cyclist injured in transport accident	V10-V19
Motorcycle rider injured in transport accident	V20-V29
Occupant of three-wheeled motor vehicle injured in transport accident	V30-V39
Car occupant injured in transport accident	V40-V49
Occupant of pick-up truck or van injured in transport accident	V50-V59
Occupant of heavy transport vehicle injured in transport accident	V60-V69
Bus occupant injured in transport accident	V70-V79
Other land transport accidents	V80-V89
Water transport accidents	V90-V94
Air and space transport accidents	V95-V97
Other and unspecified transport accidents	V98-V99
Falls	W00-19
Exposure to inanimate mechanical forces	W20-49
Exposure to animate mechanical forces	W50-64
Accidental drowning and submersion	W65-74
Other accidental threats to breathing	W75-84
Exposure to electric current, radiation and extreme ambient air temperature and pressure	W85-99
Exposure to smoke, fire and flames	X00-X09
Contact with heat and hot substances	X10-X19
Contact with venomous animals and plants	X20-X29
Exposure to forces of nature	X30-X39
Accidental poisoning by and exposure to noxious substances	X40-X49
Overexertion, travel and privation	X50-X57
Accidental exposure to other and unspecified factors	X58-X59
Intentional self-harm	X60-X84
Assault	X85-Y09
Event of undetermined intent	Y10-Y34
Complications of medical and surgical care	Y40-Y84
Drugs, medicaments and biological substances causing adverse effects in therapeutic use	Y40-Y59
Misadventures to patients during surgical and medical care	Y60-Y69
Medical devices associated with adverse incidents in diagnostic and therapeutic use	Y70-Y82
Surgical and other medical procedures as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure	Y83-Y84
Sequelae of external causes of morbidity and mortality	Y85-Y89
Supplementary factors related to causes of morbidity and mortality classified elsewhere	Y90-Y98

NDI: National Death Index. ICD-10-AM: International Classification of Diseases, Tenth Revision, Australian Modification.

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Denominator
Number of permanent residents

Exclusions
None

Covariates
None

Stratifications
None

Comments
Causes of death used in this indicator were defined as per Ibrahim et al. [1] and additional 'external causes' from the ICD-10-AM listing available.
Prior to 2025, premature mortality indicator was risk-adjusted for age, sex, and number of health conditions.

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Any enquires about, or comments on, this Technical Specification document should be directed to:
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References

1. Ibrahim JE, Ranson DL, Bugeja L. Premature deaths of nursing home residents: an epidemiological analysis. Medical Journal of Australia. 2018;208(3):143.