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Indicator: Fall-related hospitalisation

Data Sources	Definition	Numerator	Denominator	Comments	Covariates
SA APC, SA	Proportion of	Number of	Number of	We have attempted to	Age, sex,
NAEC, NSW	residents who	permanent	permanent	include only falls that	number of
APDC, NSW	have	residents who had	residents.	individuals had prior to	health
EDDC, VAED,	experienced	a fall that resulted		presenting at the hospital	conditions,
VAMD,	one or more	in emergency		 this means including 	dementia, level
QLD EDC,	falls resulting in	department		only 'external causes of	of mobility
QHAPDC,	hospitalisation	presentation,		injury' (without	(Table 2).
NDI.	or emergency	hospitalisation		'condition onset' flag =1)	
	department	(where onset is		for inpatient admissions,	
	presentation.	not during the		and diagnosis for	
		hospitalisation),		emergency department	
		or death for fall		presentations (or 'injury	
		(Table 1).		cause ' for Vic only). See	
				footnotes of Table 1 for	
				specific variables from	
				states where this	
				information was	
				extracted from.	

SA APC: South Australian Admitted Patient Care; SA NAEC: South Australian Non-Admitted Emergency Care; NSW APDC: New South Wales Admitted Patient Data Collection; NSW EDDC: New South Wales Emergency Department Data Collection; VAED: Victorian Admitted Episodes Dataset; VEMD: Victorian Emergency Minimum Dataset; QLD EDC: Queensland Emergency Department Collection; QHAPDC: Queensland Hospital Admitted Patient Data Collection; NDI: National Death Index.

Table 1. Falls, Descriptions and ICD-10-AM Codes.¹

Description	Code	
Fall due to ice and snow		
Fall on same level from slipping, tripping and stumbling		
Other fall on same level due to collision with another person		
Fall while being carried or supported by other persons		
Fall from non-moving wheelchair, nonmotorized scooter and motorized mobility scooter	W05 *	
Fall from bed	W06*	
Fall from chair	W07*	
Fall from other furniture	W08*	
Fall on and from playground equipment	W09*	
Fall on and from stairs and steps	W10*	
Fall on and from ladder	W11*	
Fall on and from scaffolding	W12*	
Fall from, out of or through building or structure		
Fall from tree	W14*	
Fall from cliff	W15*	



Fall, jump or diving into water		
Other fall from one level to another		
Other slipping, tripping and stumbling and falls		
Unspecified fall	W19*	
Tendency to fall, not elsewhere classified ²		

 State specific admitted hospitalisation variables: South Australia, Victoria and Queensland (injury event- external cause code), New South Wales (first listed external cause [i.e. ICD-10-AM codes V01-Y98] within diagnosis array 1). Excluded where onset in hospital. State specific emergency encounters variables: South Australia, New South Wales and Queensland (diagnosis), Victoria (injury cause)

 NSW uses a mix of SNOMED, ICD-9-AM and ICD-10-AM coding over the years in emergency department encounters. All codes in emergency department encounters were mapped to ICD-10-AM codes. All codes mapped to the ICD-10-AM codes in this table were considered falls, except for SNOMED code was 129839007 ('at risk of falls') or 430576002 ('at risk of injury due to falls'), which were excluded and therefore not considered a fall.

SNOMED: Systematized Nomenclature of Medicine. ICD-9-AM: International Classification of Diseases, Ninth Revision, Australian Modification. ICD-10-AM: International Classification of Diseases, Tenth Revision, Australian Modification.

Table 2. Assessment of Mobility from ACFI Question 02, Descriptions and Codes.

Description	Code
Independent for both locomotion and transfers.	A (least dependent)
Requires supervision or physical assistance for either transfers OR locomotion but not both.	В
Requires supervision or physical assistance with transfers and supervision with locomotion, OR requires supervision with transfers and physical assistance with locomotion.	С
Requires physical assistance with both transfers and locomotion OR requires mechanical lifting for transfers.	D (most dependent)

ACFI: Aged Care Funding Instrument.

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