

## Supplemental Online Content

Ordoobadi AJ, Dhanani H, Tulebaev SR, Salim A, Cooper Z, Jarman MP. Risk of dementia diagnosis after injurious falls in older adults. *JAMA Netw Open*. 2024;7(9):e2436606. doi:10.1001/jamanetworkopen.2024.36606

**eTable 1.** National Trauma Data Standard ICD-9 and ICD-10 Codes for Identifying Traumatic Injuries

**eTable 2.** ICD-9 Codes Used to Identify Dementia Diagnoses

**eTable 3.** Other Mechanisms of Injury

This supplemental material has been provided by the authors to give readers additional information about their work.

**eTable 1:** National Trauma Data Standard ICD-9 and ICD-10 Codes for Identifying Traumatic Injuries\*

	<b>Included Codes</b>	<b>Excluded</b>
<b>ICD-9</b>	800-959.9 905-909 910-924 930-939	Superficial Injury (905-909.9, 910-924.9, 930-939.9) Foreign Body in Orifice Late Effects of Injury
<b>ICD-10</b>	S00-S99 T07 T14 T20-T28 T30-T32 T79	Superficial Injury (S00, S10, S20, S30, S40, S50, S60, S70, S80, S90) Foreign Body in Orifice Late Effects of Injury

Abbreviations: ICD-9, International Classification of Diseases, Ninth Revision; ICD-10, International Statistical Classification of Diseases and Related Health Problems, Tenth Revision.

\*Table adapted from: Jarman MP, Jin G, Weissman JS, et al. Association of Trauma Center Designation With Postdischarge Survival Among Older Adults With Injuries. *JAMA Netw Open.* 2022;5(3):e222448. doi:10.1001/jamanetworkopen.2022.2448

**eTable 2:** ICD-9 Codes Used to Identify Dementia Diagnoses

	<b>Included Codes</b>
<b>ICD-9*</b>	331.0 331.1 331.2 331.7 290.0 290.1 290.10 290.11 290.12 290.13 290.20 290.21 290.3 290.40 290.41 290.42 290.43 294.0 294.1 294.8 797
<b>ICD-10</b>	<i>Consists of the above ICD-9 codes converted through general equivalence mapping to ICD-10 codes</i>

Abbreviations: ICD-9, International Classification of Diseases, Ninth Revision; ICD-10, International Statistical Classification of Diseases and Related Health Problems, Tenth Revision.

\*Included ICD-9 codes are from: Taylor DH, Østbye T, Langa KM, Weir D, Plassman BL. The accuracy of Medicare claims as an epidemiological tool: the case of dementia revisited. *J Alzheimers Dis JAD*. 2009;17(4):807-815. doi:10.3233/JAD-2009-1099.

**eTable 3:** Other mechanisms of injury

<b>Mechanism*</b>	<b>Events, n (%)</b>
Fall	1,228,847 (50)
Unspecified/other	784,286 (32)
Cut/pierce	112,167 (4.6)
Overexertion	96,351 (3.9)
Struck by/against	93,869 (3.8)
All transport	78,503 (3.2)
Natural/environmental	37,894 (1.5)
Machinery	10,785 (0.4)
Fire/burn	7,803 (0.3)
Firearm	1,476 (0.06)
Poisoning	1,234 (0.05)
Suffocation	250 (0.01)
Drowning	190 (0.01)

\*Categorization of mechanism of injury is based on Centers for Disease Control and Prevention ICD Injury Code Matrices.<sup>1,2</sup>

#### References

1. Hedegaard H, Johnson RL, Garnett MF, Thomas KE. The International Classification of Diseases, 10th Revision, Clinical Modification (ICD-10-CM) external cause-of-injury framework for categorizing mechanism and intent of injury. National Health Statistics Reports; no 136. Hyattsville, MD: National Center for Health Statistics. 2019. Available from: <https://www.cdc.gov/nchs/data/nhsr/nhsr136-508.pdf>
2. Centers for Disease Control and Prevention. Recommended framework for presenting injury mortality data. MMWR 46(RR14):1-30. 1997. Available from: <https://www.cdc.gov/mmwr/preview/mmwrhtml/00049162.htm>.