

ICD-10-CM Coding Transition

Impacts to Injury Surveillance in North Carolina

What is the ICD-10-CM Transition?

- On October 1, 2015, the International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) replaced the Ninth Revision (ICD-9-CM) for coding diagnoses and other information in hospital discharge (HD), emergency department (ED), and outpatient records.¹

How does the transition affect injury surveillance?

- The ICD-10-CM classification has been expanded to capture more detail, and contains almost 5 times the number of codes compared to ICD-9-CM. This is particularly problematic when it comes to injury, where the number of relevant codes has jumped from 2,600 in ICD-9-CM to 43,000 in ICD-10-CM.² In addition, the code structure, specificity, and what is captured in some diagnosis codes has changed, impacting how these codes are categorized for injury surveillance purposes.

What do I need to keep in mind when using ICD-10-CM coded data?

- ICD-10-CM coded injury data are not comparable to ICD-9-CM coded injury data.
- The ICD-10-CM coded data offer more specific information. Because of this, some of the categories within the external cause matrix are different from previous years.
- The injury community is still convening on this topic. Case definitions and external cause categories being used for surveillance are subject to change.
- The transition occurred in the last quarter of 2015, impacting the quality of the 2015 ED and HD injury data. Currently, guidance is not available on how to handle 2015 HD and ED data, which contain both ICD-9-CM and ICD-10-CM coding. Therefore, the Injury and Violence Prevention Branch is not releasing these data at this time.

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1. Safe States (2016). The Transition from ICD-9-CM to ICD-10-CM (ISW9). Retrieved from http://c.ymcdn.com/sites/www.safestates.org/resource/resmgr/isw9/ISW9_FINAL_Report.pdf
2. Hedegaard, H., Johnson, R., Warner, M., & Chen, L. (2016). Proposed framework for presenting injury data using the International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) diagnosis codes. National Health Statistics Reports, 89, 1-20. Retrieved from <https://www.cdc.gov/nchs/data/nhsr/nhsr089.pdf>

Resource List

National Health Statistics Reports

<https://www.cdc.gov/nchs/data/nhsr/nhsr100.pdf>

<https://www.cdc.gov/nchs/data/nhsr/nhsr089.pdf>

Safe States ISW9 Report

http://c.ymcdn.com/sites/www.safestates.org/resource/resmgr/isw9/ISW9_FINAL_Report.pdf

Proposed Framework for Presenting Injury Data using ICD-10-CM External Cause of Injury Codes

https://www.cdc.gov/injury/wisqars/pdf/icd-10-cm_external_cause_injury_codes-a.pdf

CDC Website

<https://www.cdc.gov/nchs/icd/icd10cm.htm>