MBSF CCW Chronic Condition Segment

Dataset Description

This repository contains documentation, and data dictionariese related to the CMS Chronic Conditions Data Warehouse (CCW) Chronic Condition Segments.

The Chronic Condition Segments are supplemental files linked to the Master Beneficiary Summary File (MBSF). They provide standardized indicators of whether a beneficiary has specific chronic conditions, derived from Medicare fee-for-service (FFS) claims using CMS algorithms.

The Chronic Conditions Data Warehouse (CCW) provides two versions of standardized chronic condition indicators:

- **27 CCW Chronic Conditions** (1999–2021): Developed using validated research and federal guidelines, spanning both ICD-9-CM and ICD-10-CM codes.
- **30 CCW Chronic Conditions** (2017–Present): Released in 2020 with updated definitions, three new conditions, and ICD-10-CM–based logic.

Access and Usage

Because these datasets include sensitive and identifiable health information, they are restricted-use and the raw files cannot be shared through this Dataverse entry.

Access for NSAPH Collaborators

Students, post-docs, and researchers conducting research in collaboration with PIs at NSAPH or affiliated institutions with DUA agreement may gain access to the data if they:

- Submit a project initiation form
- Are listed on an approved IRB protocol
- Complete all required data security trainings

Note: This repository does not include raw data files. It provides documentation and processing code that serve as references for the raw, unprocessed files received from ResDAC.

Independent Access via ResDAC

Researchers not affiliated with NSAPH can request the data directly from ResDAC:

- ResDAC Support: https://www.resdac.org

File Structure

The files in this repository are supporting materials and connect as follows:

- Data Dictionaries: Define variables, formats, coding used in the CCW Chronic Condition files.
- Documentation: Provides background on CCW methodology, FFS coverage requirements, ICD coding transitions, and known caveats.

Funding and Contributors

- Developed and maintained by the Centers for Medicare & Medicaid Services (CMS).
- Access and researcher support provided by ResDAC.
- This repository was prepared to assist researchers at NSAPH in understanding and using the CCW Chronic Condition Segments along with the MBSF.

Sources

- Centers for Medicare & Medicaid Services (CMS). *Chronic Conditions Data Warehouse (CCW) Chronic Condition Segments: Master Beneficiary Summary File (MBSF) Add-On, 1999–2021*. Baltimore, MD: CMS. Available at: https://www2.ccwdata.org/web/guest/condition-categories

- Research Data Assistance Center (ResDAC). *CMS Data Request and Access Procedures*. Minneapolis, MN: University of Minnesota. Available at: https://www.resdac.org