

CMS Chronic Conditions Data Warehouse (CCW)

Other Chronic or Potentially Disabling Condition Algorithms

(rev. 11/2017)

| Algorithms ¹ | Valid ICD-9 / MS DRG / HCPCS Codes ² | Valid ICD-10 Codes ² | Number/Type of Claims to Qualify ³ |
|-------------------------|--|---|---|
| Tobacco Use | DX 305.1, 649.00, 649.01, 649.02, 649.03, 649.04, 989.84 (any DX on the claim) HCPCS Codes: 99406, 99407 | DX F17.200, F17.201, F17.203, F17.208, F17.209, F17.210, F17.211, F17.213, F17.218, F17.219, F17.220, F17.221, F17.223, F17.228, F17.229, F17.290, F17.291, F17.293, F17.298, F17.299, O99.330, O99.331, O99.332, O99.333, O99.334, O99.335, T65.211A, T65.212A, T65.213A, T65.214A, T65.221A, T65.222A, T65.223A, T65.224A, T65.291A, T65.292A, T65.293A, T65.294A (any DX on the claim) HCPCS Codes: 99406, 99407 | At least 1 inpatient OR 2 other non-drug claims of any service type with DX codes OR 1 HCPCS code claim of any type |

¹ The reference period (# of years) for all algorithms included in this specification document is 2 years.

² ICD-10 codes are effective 10/2015; effective dates for ICD-9 codes vary, but are valid through 09/2015. Researchers may be interested in confirming the code(s) of interest in the accompanying claims data files.

³ When 2 claims are required, they must occur at least one day apart. Note that the claims inclusion rules for these algorithms differ somewhat from the rules for the set of "[CCW Chronic Condition Algorithms](#)."

⁴ The Viral Hepatitis (General) condition includes all other types of hepatitis covered; the variables for each specific type of hepatitis are not included in the Master Beneficiary Summary File (MBSF).