

CMS Chronic Conditions Data Warehouse (CCW)

CCW Condition Algorithms *(rev. 06/2019)*

Algorithms	Reference Period (# of Years) ¹	Valid ICD-9 / MS DRG / HCPCS Codes	Valid ICD-10 Codes ²	Number/Type of Claims to Qualify ³
Human Immunodeficiency Virus and/or Acquired Immunodeficiency Syndrome (HIV/AIDS)	2 Years	<p>DX 042, 042.0, 042.1, 042.2, 042.9, 043, 043.1, 043.2, 043.3, 043.9, 044, 044.0, 044.9, 079.53, 795.71, V08 (any DX on the claim)</p> <p><i>EXCEPTION: 795.71 requires a second qualifying claim that is not 795.71 (a screening code)</i></p> <p>Medicare DRG Codes (old codes used through 09/2007): 488, 489, 490</p> <p>MS DRG Codes: 969, 970, 974, 975, 976, 977</p> <p>HCC Code*: 1 (HIV/AIDS) <i>*CMS Hierarchical Condition Category (HCC) data are obtained from the CMS Integrated Data Repository (IDR). Beneficiaries identified as having this condition due to HCC code will not have an associated "Ever" date.</i></p>	<p>DX B20, B97.35, R75, Z21 (any DX on the claim)</p> <p><i>EXCEPTION: R75 requires a second qualifying claim that is not R75(a screening code)</i></p> <p>MS DRG Codes: 969, 970, 974, 975, 976</p> <p>HCC Code*: 1 (HIV/AIDS) <i>*CMS Hierarchical Condition Category (HCC) data is obtained from the CMS Integrated Data Repository (IDR). Beneficiaries identified as having this condition due to HCC code will not have an associated "Ever" date.</i></p>	At least one inpatient claim OR two other non-drug claims of any service type during the two year period

¹ CCW data begins in 1999. When working with condition files prior to 2003, conditions with a reference period of 2-5 years will not have a sufficient length of data to fully meet the condition criteria in some 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).