

# CMS Chronic Conditions Data Warehouse (CCW)

## Other Chronic or Potentially Disabling Condition Algorithms

*(rev. 11/2017)*

Algorithms <sup>1</sup>	Valid ICD-9 / MS DRG / HCPCS Codes <sup>2</sup>	Valid ICD-10 Codes <sup>2</sup>	Number/Type of Claims to Qualify <sup>3</sup>
Sensory – Deafness and Hearing Impairment	DX 389, 389.1, 389.10, 389.11, 389.12, 389.13, 389.14, 389.15, 389.16, 389.17, 389.18, 389.2, 389.20, 389.21, 389.22, 389.7, 389.8, 389.9 <b>(any DX on the claim)</b>	DX H90.3, H90.41, H90.42, H90.5, H90.6, H90.71, H90.72, H90.8, H90.A21, H90.A22, H90.A31, H90.A32, H91.01, H91.02, H91.03, H91.09, H91.3, H91.8X1, H91.8X2, H91.8X3, H91.8X9, H91.90, H91.91, H91.92, H91.93 <b>(any DX on the claim)</b>	At least 1 inpatient <b>OR</b> 2 other non-drug claims of any service type with DX codes

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

<sup>2</sup> 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.

<sup>3</sup> When 2 claims are required, they must occur at least one day apart.

<sup>4</sup> 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).