

# 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>
Pressure and Chronic Ulcers	<p>DX 707.0, 707.00, 707.01, 707.02, 707.03, 707.04, 707.05, 707.06, 707.07, 707.09, 707.1, 707.10, 707.11, 707.12, 707.13, 707.14, 707.15, 707.19, 707.2, 707.22, 707.23, 707.24, 707.25, 707.8, 707.9 (any DX on the claim)</p> <p><b>EXCEPTION:</b> Codes 707.20, 707.22, 707.23, 707.24, 707.25, 707.8, and 707.9 require a qualifying claim from 707.00, 707.01, 707.02, 707.03, 707.04, 707.05, 707.06, 707.07, 707.09</p>	<p>DX I70.231, I70.232, I70.233, I70.234, I70.235, I70.238, I70.239, I70.241, I70.242, I70.243, I70.244, I70.245, I70.248, I70.249, I70.25, I70.331, I70.332, I70.333, I70.334, I70.335, I70.338, I70.339, I70.341, I70.342, I70.343, I70.344, I70.345, I70.348, I70.349, I70.35, I70.431, I70.432, I70.433, I70.434, I70.435, I70.438, I70.439, I70.441, I70.442, I70.443, I70.444, I70.445, I70.448, I70.449, I70.45, I70.531, I70.532, I70.533, I70.534, I70.535, I70.538, I70.539, I70.541, I70.542, I70.543, I70.544, I70.545, I70.548, I70.549, I70.55, I70.631, I70.632, I70.633, I70.634, I70.635, I70.638, I70.639, I70.641, I70.642, I70.643, I70.644, I70.645, I70.648, I70.649, I70.65, I70.731, I70.732, I70.733, I70.734, I70.735, I70.738, I70.739, I70.741, I70.742, I70.743, I70.744, I70.745, I70.748, I70.749, I70.75, L89.000, L89.001, L89.002, L89.003, L89.004, L89.009, L89.010, L89.011, L89.012, L89.013, L89.014, L89.019, L89.020, L89.021, L89.022, L89.023, L89.024, L89.029, L89.100, L89.101, L89.102, L89.103, L89.104, L89.109, L89.110, L89.111, L89.112, L89.113, L89.114, L89.119, L89.120, L89.121, L89.122, L89.123, L89.124, L89.129, L89.130, L89.131, L89.132, L89.133, L89.134, L89.139, L89.140, L89.141, L89.142, L89.143, L89.144, L89.149, L89.150, L89.151, L89.152, L89.153, L89.154, L89.159, L89.200, L89.201, L89.202, L89.203, L89.204, L89.209, L89.210, L89.211, L89.212, L89.213, L89.214, L89.219, L89.220, L89.221, L89.222, L89.223, L89.224, L89.229, L89.300, L89.301, L89.302, L89.303, L89.304, L89.309, L89.310, L89.311, L89.312, L89.313, L89.314, L89.319, L89.320, L89.321, L89.322, L89.323, L89.324, L89.329, L89.40, L89.41, L89.42, L89.43, L89.44, L89.45, L89.500, L89.501, L89.502, L89.503, L89.504, L89.509, L89.510, L89.511, L89.512, L89.513, L89.514, L89.519, L89.520, L89.521, L89.522, L89.523, L89.524, L89.529, L89.600, L89.601, L89.602, L89.603, L89.604, L89.609, L89.610, L89.611, L89.612, L89.613, L89.614, L89.619, L89.620, L89.621, L89.622, L89.623, L89.624, L89.629, L89.810, L89.811, L89.812, L89.813, L89.814, L89.819, L89.890, L89.891, L89.892, L89.893, L89.894, L89.899, L89.90, L89.91, L89.92, L89.93, L89.94, L89.95, L97.101, L97.102, L97.103, L97.104, L97.105, L97.106, L97.108, L97.109, L97.111, L97.112, L97.113, L97.114, L97.115, L97.116, L97.118, L97.119, L97.121, L97.122, L97.123, L97.124, L97.125, L97.126, L97.128, L97.129, L97.201, L97.202, L97.203, L97.204, L97.205, L97.206, L97.208, L97.209, L97.211, L97.212, L97.213, L97.214, L97.215, L97.216, L97.218, L97.219, L97.221, L97.222, L97.223, L97.224, L97.225, L97.226, L97.228, L97.229, L97.301, L97.302, L97.303, L97.304, L97.305, L97.306, L97.308, L97.309, L97.311, L97.312, L97.313, L97.314, L97.315, L97.316, L97.318, L97.319, L97.321, L97.322, L97.323, L97.324, L97.325, L97.326, L97.328, L97.329, L97.401, L97.402, L97.403, L97.404, L97.405, L97.406, L97.408, L97.409, L97.411, L97.412, L97.413, L97.414, L97.415, L97.416, L97.418, L97.419, L97.421, L97.422, L97.423, L97.424, L97.425, L97.426, L97.428, L97.429, L97.501, L97.502, L97.503, L97.504, L97.505, L97.506, L97.508, L97.509, L97.511, L97.512, L97.513, L97.514, L97.515, L97.516, L97.518, L97.519, L97.521, L97.522, L97.523, L97.524, L97.525, L97.526, L97.528, L97.529, L97.801, L97.802, L97.803, L97.804, L97.805, L97.806, L97.808, L97.809, L97.811, L97.812, L97.813, L97.814, L97.815, L97.816, L97.818, L97.819, L97.821, L97.822, L97.823, L97.824, L97.825, L97.826, L97.828, L97.829, L97.901, L97.902, L97.903, L97.904, L97.905, L97.906, L97.908, L97.909, L97.911, L97.912, L97.913, L97.914, L97.915, L97.916, L97.918, L97.919, L97.921, L97.922, L97.923, L97.924, L97.925, L97.926, L97.928, L97.929, L98.411, L98.412, L98.413, L98.414, L98.415, L98.416, L98.418, L98.419, L98.421, L98.422, L98.423, L98.424, L98.425, L98.426, L98.428, L98.429, L98.491, L98.492, L98.493, L98.494, L98.495, L98.496, L98.498, L98.499 (any DX on the claim)</p>	<p>At least 1 inpatient <b>OR</b> 2 non-inpatient claims with DX codes</p>

<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. Note that the claims inclusion rules for these algorithms differ somewhat from the rules for the set of "[CCW Chronic Condition Algorithms](#)."

<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).