

ICD-10-CM to CMS-HCC Crosswalk

CMS-HCC Model

On April 1, 2019, the Centers for Medicare & Medicaid Services (CMS) announced an updated hierarchical condition category (HCC) risk adjustment model. The following HCCs were added to the 2020 Alternative Payment Condition Count (APCC) Model: dementia with complications (HCC 51); dementia without complication (HCC 52); and pressure ulcer of skin with partial thickness skin loss (HCC 159).

There are more than 9,700 ICD-10-CM codes that map to one or more of the 86 HCC codes included in the 2020 CMS-HCC Risk Adjustment Model (Version 24). A code can map to more than one HCC as ICD-10-CM contains combination codes (i.e., one code can represent two diagnoses or a diagnosis with a complication). This model will be used in calculating a Medicare Advantage (MA) member's blended risk score.

Disease hierarchy

The CMS-HCC Model incorporates disease hierarchies in which payment will only be associated with the most severe manifestation of a disease. If another HCC in the hierarchy is reported in the same calendar year, then the lower severity HCC will be dropped. For example:

- If HCC 18 (diabetes with chronic complication) is reported, then HCC 19 (diabetes without complication) will be dropped if both are reported in the same calendar year.
- Only HCC 18 will be used in calculating the Medicare Advantage member's risk score.

The table below contains a crosswalk of the ICD-10-CM codes that are included in the 2020 CMS-HCC Model (V24). The HCC(s) that will be dropped is identified in the disease hierarchy column. The table includes the HCC category descriptions along with the HCC code and associated disease hierarchy.

* Note: The CMS-HCC (V24) model and mappings in the table are subject to change with updates to the ICD-10-CM code set on October 1, 2020.

More than 9,700 ICD-10-CM codes map to one or more 86 HCCs



ICD-10-CM codes	HCC category description	HCC	Disease hierarchy
B20, B97.35, Z21	HIV/AIDS	1	
A02.1, A20.7, A22.7, A26.7, A32.7, A39.2-A39.4, A40.-, A41.-, A42.7, A48.3, A54.86, B00.7, B37.7, P36.-, R57.1, R57.8, R65.1-, R65.2-, T81.12XA	Septicemia, sepsis and systemic inflammatory response syndrome/shock	2	
A07.2, A31.0, A31.2, B25.-, B37.1, B37.7, B37.81, B44.0-B44.7, B44.89, B44.9, B45.-, B46.-, B48.4, B48.8, B58.2, B58.3, B59	Opportunistic infections	6	
C77.0-C77.2, C77.4-C77.8, C78.-, C79.00-C79.72, C79.89, C79.9, C7B.-, C80.0, C91.0-, C92.00-C92.02, C92.40-C92.A2, C93.0-, C94.00-C94.22, C94.40-C94.42, C95.0-	Metastatic cancer and acute leukemia	8	9, 10, 11, 12
C15.-, C16.-, C17.-, C22.-, C23, C24.-, C25.-, C33, C34.-, C38.4, C45.-, C48.-, C90.00-C90.22, C92.10-C92.32, C92.9-, C92.Z-, C93.10-C93.92, C93.Z-, C94.30-C94.32, C94.80-C94.82	Lung and other severe cancers	9	10, 11, 12
C40.-, C41.-, C46.-, C47.-, C49.-, C56.-, C57.00-C57.4, C58, C70.-, C71.-, C72.-, C74.-, C75.1-C75.3, C77.3, C77.9, C79.2, C79.81, C79.82, C81.-, C82.-, C83.-, C84.-, C85.-, C86.-, C88.2-C88.9, C90.3-, C91.-, C95.10-C95.92, C96.-	Lymphoma and other cancers	10	11, 12
C01, C02.-, C03.-, C04.-, C05.-, C06.-, C07, C08.-, C09.-, C10.-, C11.-, C12, C13.-, C14.-, C18.-, C19, C20, C21.-, C26.-, C30.-, C31.-, C32.-, C37, C38.0-C38.3, C38.8, C39.-, C51.-, C52, C53.-, C57.7-C57.9, C64.-, C65.-, C66.-, C67.-, C68.-	Colorectal, bladder and other cancers	11	12
C43.-, C4A.-, C50.-, C54.-, C55, C60.-, C61, C62.-, C63.-, C69.-, C73, C75.0, C75.4-C75.9, C76.-, C7A.-, C80.1, C80.2, D03.-, D18.02, D32.-, D33.-, D35.2-D35.4, D42.-, D43.-, D44.3-D44.7, D49.6, E34.0, Q85.-	Breast, prostate, and other cancers and tumors	12	
E08.0-, E08.1-, E08.641, E09.0-, E09.1-, E09.641, E10.1-, E10.641, E11.0-, E11.1-, E11.641, E13.0-, E13.1-, E13.641	Diabetes with acute complications	17	18, 19
E08.21-E08.638, E08.649-E08.8, E09.21-E09.638, E09.649-E09.8, E10.21-E10.638, E10.649-E10.8, E11.21-E11.638, E11.649-E11.8, E13.21-E13.638, E13.649-E13.8	Diabetes with chronic complications	18	19
E08.9, E09.9, E10.9, E11.9, E13.9, Z79.4	Diabetes without complication	19	
E40, E41, E42, E43, E44.0, E44.1, E45, E46, E64.0, R64	Protein-calorie malnutrition	21	
E66.01, E66.2, Z68.41, Z68.42, Z68.43, Z68.44, Z68.45	Morbid obesity	22	
A39.1, C88.0, D84.1, D89.1, E03.5, E15, E20.0, E20.8, E20.9, E21.-, E22.-, E23.-, E24.-, E25.-, E26.-, E27.-, E31.-, E32.-, E34.4, E70.-, E71.-, E72.-, E74.00-E74.09, E74.20-E74.29, E74.4-E74.9, E75.21, E75.22, E75.240-E75.249, E75.3, E76.-, E77.-, E79.1-E79.9, E80.0-E80.3, E83.110, E85.-, E88.01, E88.4-, E88.89, E89.2, E89.3, E89.6, H49.811-H49.819, N25.1, N25.81	Other significant endocrine and metabolic disorders	23	
I85.-, K70.41, K71.11, K72.01-K72.91, K76.6, K76.7, K76.81	End-stage liver disease	27	28, 29, 80
K70.30-K70.9, K74.3-K74.69	Cirrhosis of liver	28	29
B18.-, K73.-, K75.4	Chronic hepatitis	29	
A54.85, K25.1, K25.2, K25.5, K25.6, K26.1, K26.2, K26.5, K26.6, K27.1, K27.2, K27.5, K27.6, K28.1, K28.2, K28.5, K28.6, K50.012, K50.112, K50.812, K50.912, K51.012, K51.212, K51.312, K51.412, K51.512, K51.812, K51.912, K56.-, K59.31, K63.1, K65.-, K67, K68.12, K68.19	Intestinal obstruction/perforation	33	
K86.0, K86.1	Chronic pancreatitis	34	
K50.-, K51.-	Inflammatory bowel disease	35	
A01.04, A01.05, A02.23, A02.24, A39.83, A39.84, A50.55, A54.4-, A66.6, A69.23, B06.82, B26.85, B42.82, M00.-, M01.-, M02.1-, M02.8-, M02.9, M46.2-, M46.3-, M72.6, M86.-, M87.-, M89.6-, M90.5-	Bone/joint/muscle infections/necrosis	39	
L40.5-, M02.3-, M04.-, M05.-, M06.-, M08.-, M12.0-, M30.-, M31.0-M31.7, M32.-, M33.-, M34.-, M35.00-M35.3, M35.5, M35.8, M35.9, M36.0, M36.8, M45.-, M46.00-M46.1, M46.50-M46.99, M48.8X-, M49.8-	Rheumatoid arthritis and inflammatory connective tissue disease	40	
D46.-, D46.A, D46.B, D46.C, D46.Z, D47.4, D57.0-, D57.1, D57.2-, D57.4-, D57.8-, D59.-, D60.-, D61.0-, D61.1, D61.2, D61.3, D61.82, D61.9, D66, D67, D75.81	Severe hematological disorders	46	48
D61.8-, D70.-, D71, D72.0, D76.-, D80.-, D81.1-D81.7, D81.89, D81.9, D82.-, D83.-, D84.0, D84.8, D84.9, D89.3, D89.8-, D89.9	Disorders of immunity	47	

ICD-10-CM codes	HCC category description	HCC	Disease hierarchy
C94.6, D45, D47.1, D47.3, D47.9, D47.Z, D55.-, D56.0-D56.2, D56.4-D56.8, D57.3, D58.-, D64.0-D64.3, D65, D68.-, D69.0-D69.49, D69.6-D69.9, D75.82	Coagulation defects and other specified hematological disorders	48	
F01.51, F02.81, F03.91, G91.-	Dementia with complications	51	52
A81.-, E75.00, E75.01, E75.02, E75.09, E75.10, E75.11, E75.19, E75.23, E75.25, E75.26, E75.29, E75.4, F01.50, F02.80, F03.90, F04, G13.2, G13.8, G30.-, G31.01, G31.09, G31.1, G31.2, G31.81, G31.82, G31.83, G31.85, G31.89, G31.9, G93.7, I67.3	Dementia without complication	52	
F10.150-F10.159, F10.231, F10.232, F10.250-F10.259, F10.26, F10.27, F10.950-F10.97, F11.15-, F11.25-, F11.95-, F12.15-, F12.25-, F12.95-, F13.15-, F13.231, F13.232, F13.250-F13.27, F13.931, F13.932, F13.950-F13.97, F14.15-, F14.25-, F14.95-, F15.15-, F15.25-, F15.95-, F16.15-, F16.25-, F16.95-, F18.17, F18.25-, F18.27, F18.95-, F18.97, F19.15-, F19.16, F19.17, F19.231, F19.232, F19.25-, F19.26, F19.27, F19.931, F19.932, F19.950-F19.97	Substance use with psychotic complications	54	55, 56
F10.120-F10.129, F10.14, F10.18-, F10.19, F10.20, F10.21, F10.22-, F10.230, F10.239, F10.24, F10.28-, F10.29, F10.92-, F10.94, F10.98-, F10.99, F11.12-, F11.14, F11.18-, F11.19, F11.20, F11.21, F11.22-, F11.23, F11.24, F11.28-, F11.29, F11.92-, F11.93, F11.94, F11.98-, F11.99, F12.12-, F12.18-, F12.19, F12.20, F12.21, F12.22-, F12.28-, F12.29, F12.92-, F12.98-, F12.99, F13.12, F13.14, F13.18-, F13.19, F13.20, F13.21, F13.22-, F13.230, F13.239, F13.24, F13.28-, F13.29, F13.92-, F13.930, F13.939, F13.94, F13.98-, F13.99, F14.12-, F14.14, F14.18-, F14.19, F14.20, F14.21, F14.22-, F14.23, F14.24, F14.28-, F14.29, F14.92-, F14.94, F14.98-, F14.99, F15.12-, F15.14, F15.18-, F15.19, F15.20, F15.21, F15.22-, F15.23, F15.24, F15.28-, F15.29, F15.92-, F15.93, F15.94, F15.98-, F15.99, F16.12-, F16.14, F16.18-, F16.19, F16.20, F16.21, F16.22-, F16.24, F16.28-, F16.29, F16.92-, F16.94, F16.98-, F16.99, F18.12-, F18.14, F18.18, F18.19, F18.20, F18.21, F18.22-, F18.24, F18.28-, F18.29, F18.92-, F18.94, F18.98-, F18.99, F19.120-F19.129, F19.14, F19.18-, F19.19, F19.20, F19.21, F19.22-F19.230, F19.239, F19.24, F19.28-, F19.29, F19.92-, F19.930, F19.939, F19.94, F19.98-, F19.9, T40.0X1A, T40.0X4A, T40.1X1A, T40.1X4A, T40.2X1A, T40.2X4A, T40.3X1A, T40.3X4A, T40.4X1A, T40.4X4A, T40.5X1A, T40.5X4A, T40.601A, T40.604A, T40.691A, T40.694A, T40.8X1A, T40.8X4A, T40.901A, T40.904A, T40.991A, T40.994A, T43.601A, T43.604A, T43.611A, T43.614A, T43.621A, T43.624A, T43.631A, T43.634A, T43.694A, T51.0X1A, T51.0X4A	Substance use disorder, moderate/severe or substance use with complications	55	56
F11.1-, F13.1-, F14.1-, F15.1-, F16.1-, F18.1-, F19.1-	Substance use disorder, mild, except alcohol and cannabis	56	
F20.-, F25.-	Schizophrenia	57	58, 59, 60
F23, F28, F29	Reactive and unspecified psychosis	58	59, 60
F22, F24, F30.-, F31.-, F32.0-F32.8, F33.-, F34.-, F39, T14.91X(A)(D)(S), T36.0X2(A)(S), T36.1X2(A)(S), T36.2X2(A)(S), T36.3X2(A)(S), T36.4X2(A)(S), T36.5X2(A)(S), T36.6X2(A)(S), T36.7X2(A)(S), T36.8X2(A)(S), T36.9X2(A)(S), T37.0X2(A)(S), T37.1X2(A)(S), T37.2X2(A)(S), T37.3X2(A)(S), T37.4X2(A)(S), T37.5X2(A)(S), T37.8X2(A)(S), T37.9X2(A)(S), T38.0X2(A)(S), T38.1X2(A)(S), T38.2X2(A)(S), T38.3X2(A)(S), T38.4X2(A)(S), T38.5X2(A)(S), T38.6X2(A)(S), T38.7X2(A)(S), T38.802(A)(S), T38.812(A)(S), T38.892(A)(S), T38.902(A)(S), T38.992(A)(S), T39.012(A)(S), T39.092(A)(S), T39.1X2(A)(S), T39.2X2(A)(S), T39.312(A)(S), T39.392(A)(S), T39.4X2(A)(S), T39.8X2(A)(S), T39.92X(A)(S), T40.0X2(A)(S), T40.1X2(A)(S), T40.2X2(A)(S), T40.3X2(A)(S), T40.4X2(A)(S), T40.5X2(A)(S), T40.602(A)(S), T40.692(A)(S), T40.7X2(A)(S), T40.8X2(A)(S), T40.902(A)(S), T40.992(A)(S), T41.0X2(A)(S), T41.1X2(A)(S), T41.202(A)(S), T41.292(A)(S), T41.3X2(A)(S), T41.42X(A)(S), T41.5X2(A)(S), T42.0X2(A)(S), T42.1X2(A)(S), T42.2X2(A)(S), T42.3X2(A)(S), T42.4X2(A)(S), T42.5X2(A)(S), T42.6X2(A)(S), T42.72(A)(S), T42.8X2(A)(S), T43.012(A)(S), T43.022(A)(S), T43.1X2(A)(S), T43.202(A)(S), T43.212(A)(S), T43.222(A)(S), T43.292(A)(S), T43.3X2(A)(S), T43.4X2(A)(S), T43.502(A)(S), T43.592(A)(S), T43.602(A)(S), T43.612(A)(S), T43.622(A)(S), T43.632(A)(S), T43.692(A)(S), T43.8X2(A)(S), T43.9X2(A)(S), T44.0X2(A)(S), T44.1X2(A)(S), T44.2X2(A)(S), T44.3X2(A)(S), T44.4X2(A)(S), T44.5X2(A)(S), T44.6X2(A)(S), T44.7X2(A)(S), T44.8X2(A)(S), T44.902(A)(S), T44.992(A)(S), T45.0X2(A)(S), T45.1X2(A)(S), T45.2X2(A)(S), T45.3X2(A)(S), T45.4X2(A)(S), T45.512(A)(S), T45.522(A)(S), T45.602(A)(S), T45.612(A)(S), T45.622(A)(S), T45.692(A)(S), T45.7X2(A)(S), T45.8X2(A)(S), T45.92X(A)(S), T46.0X2(A)(S), T46.1X2(A)(S), T46.2X2(A)(S), T46.3X2(A)(S), T46.4X2(A)(S), T46.5X2(A)(S), T46.6X2(A)(S), T46.7X2(A)(S), T46.8X2(A)(S), T46.902(A)(S), T46.992(A)(S), T47.0X2(A)(S), T47.1X2(A)(S), T47.2X2(A)(S), T47.3X2(A)(S), T47.4X2(A)(S), T47.5X2(A)(S), T47.6X2(A)(S), T47.7X2(A)(S), T47.8X2(A)(S), T47.92X(A)(S), T48.0X2(A)(S), T48.1X2(A)(S), T48.202(A)(S), T48.292(A)(S), T48.3X2(A)(S), T48.4X2(A)(S), T48.5X2(A)(S), T48.6X2(A)(S), T48.902(A)(S), T48.992(A)(S), T49.0X2(A)(S), T49.1X2(A)(S), T49.2X2(A)(S), T49.3X2(A)(S), T49.4X2(A)(S), T49.5X2(A)(S), T49.6X2(A)(S), T49.7X2(A)(S), T49.8X2(A)(S), T49.92X(A)(S), T50.0X2(A)(S), T50.1X2(A)(S), T50.2X2(A)(S), T50.3X2(A)(S), T50.4X2(A)(S)	Major depressive, bipolar and paranoid disorders	59	60

ICD-10-CM codes	HCC category description	HCC	Disease hierarchy
T50.5X2(A)(S), T50.6X2(A)(S), T50.7X2(A)(S), T50.8X2(A)(S), T50.902(A)(S), T50.992(A)(S), T50.A12(A)(S), T50.A22(A)(S), T50.A92(A)(S), T50.B12(A)(S), T50.B92(A)(S), T50.Z12(A)(S), T50.Z92(A)(S), T51.0X2(A)(S), T51.1X2(A)(S), T51.2X2(A)(S), T51.3X2(A)(S), T51.8X2(A)(S), T51.92X(A)(S), T52.0X2(A)(S), T52.1X2(A)(S), T52.2X2(A)(S), T52.3X2(A)(S), T52.4X2(A)(S), T52.8X2(A)(S), T52.92X(A)(S), T53.0X2(A)(S), T53.1X2(A)(S), T53.2X2(A)(S), T53.3X2(A)(S), T53.4X2(A)(S), T53.5X2(A)(S), T53.6X2(A)(S), T53.7X2(A)(S), T53.92X(A)(S), T54.0X2(A)(S), T54.1X2(A)(S), T54.2X2(A)(S), T54.3X2(A)(S), T54.92X(A)(S), T54.0X2(A)(S), T55.0X2(A)(S), T55.1X2(A)(S), T56.0X2(A)(S), T56.1X2(A)(S), T56.2X2(A)(S), T56.3X2(A)(S), T56.4X2(A)(S), T56.5X2(A)(S), T56.6X2(A)(S), T56.7X2(A)(S), T56.812(A)(S), T56.892(A)(S), T57.0X2(A)(S), T57.1X2(A)(S), T57.2X2(A)(S), T57.3X2(A)(S), T57.8X2(A)(S), T57.92X(A)(S), T58.02X(A)(S), T58.12X(A)(S), T58.2X2(A)(S), T58.8X2(A)(S), T58.92X(A)(S), T59.0X2(A)(S), T59.1X2(A)(S), T59.2X2(A)(S), T59.3X2(A)(S), T59.4X2(A)(S), T59.5X2(A)(S), T59.6X2(A)(S), T59.7X2(A)(S), T59.812(A)(S), T59.892(A)(S), T59.92X(A)(S), T60.0X2(A)(S), T60.1X2(A)(S), T60.2X2(A)(S), T60.3X2(A)(S), T60.4X2(A)(S), T60.8X2(A)(S), T60.92X(A)(S), T61.02X(A)(S), T61.12X(A)(S), T61.772(A)(S), T61.782(A)(S), T61.8X2(A)(S), T61.92X(A)(S), T62.0X2(A)(S), T62.1X2(A)(S), T62.8X2(A)(S), T62.92X(A)(S), T63.002(A)(S), T63.012(A)(S), T63.022(A)(S), T63.032(A)(S), T63.042(A)(S), T63.062(A)(S), T63.072(A)(S), T63.082(A)(S), T63.092(A)(S), T63.112(A)(S), T63.122(A)(S), T63.192(A)(S), T63.2X2(A)(S), T63.302(A)(S), T63.312(A)(S), T63.322(A)(S), T63.332(A)(S), T63.392(A)(S), T63.412(A)(S), T63.422(A)(S), T63.432(A)(S), T63.442(A)(S), T63.452(A)(S), T63.462(A)(S), T63.482(A)(S), T63.512(A)(S), T63.592(A)(S), T63.612(A)(S), T63.622(A)(S), T63.632(A)(S), T63.692(A)(S), T63.712(A)(S), T63.792(A)(S), T63.812(A)(S), T63.822(A)(S), T63.832(A)(S), T63.892(A)(S), T63.92X(A)(S), T64.02X(A)(S), T64.82X(A)(S), T65.0X2(A)(S), T65.1X2(A)(S), T65.212(A)(S), T65.222(A)(S), T65.292(A)(S), T65.3X2(A)(S), T65.4X2(A)(S), T65.5X2(A)(S), T65.6X2(A)(S), T65.812(A)(S), T65.822(A)(S), T65.832(A)(S), T65.892(A)(S), T65.92X(A)(S), T71.112(A)(S), T71.122(A)(S), T71.132(A)(S), T71.152(A)(S), T71.162(A)(S), T71.192(A)(S), T71.222(A)(S), T71.232(A)(S), X71.-(A)(D)(S), X72.-(A)(D)(S), X73.-(A)(D)(S), X74.-(A)(D)(S), X75.-(A)(D)(S), X76.-(A)(D)(S), X77.-(A)(D)(S), X78.-(A)(D)(S), X79.-(A)(D)(S), X80.-(A)(D)(S), X81.-(A)(D)(S), X82.-(A)(D)(S), X83.-(A)(D)(S)	Major depressive, bipolar and paranoid disorders (cont.)	59	60
F21, F44.0, F44.1, F44.81, F48.1, F60.0-F60.9	Personality disorder	60	
G82.5-, R53.2, S14.11-(A)(D)(S)	Quadriplegia	70	71, 72, 103, 104, 169
G82.20-G82.22, S24.11-(A)(D)(S)	Paraplegia	71	72, 104
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G80.-	Cerebral palsy	74	
D86.82, G13.0, G13.1, G61.-, G62.0-G62.82, G63, G65.-, G70.-, G73.1-G73.3, M05.5-, M34.83	Myasthenia gravis/myoneural disorders and guillain-barre syndrome/inflammatory and toxic neuropathy	75	
G71.0, G71.11, G71.2	Muscular dystrophy	76	
G35, G36.-, G37.0, G37.1, G37.2, G37.5, G37.8, G37.9	Multiple sclerosis	77	
G10, G20, G21.11, G21.19, G21.2-G21.9, G23.-, G90.3	Parkinson's and Huntington's diseases	78	
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G93.1, G93.5, G93.6, R40.20, R40.21-, R40.22-, R40.23-, R40.24-, R40.3	Coma, brain compression/anoxic damage	80	
J95.0-, J95.850, J95.859, Z43.0, Z93.0, Z99.11, Z99.12	Respirator dependence/tracheostomy status	82	83, 84
R09.2	Respiratory arrest	83	84

ICD-10-CM codes	HCC category description	HCC	Disease hierarchy
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A36.81, B33.24, I09.81, I11.0, I13.0, I13.2, I26.0-, I27.0, I27.1, I27.2, I27.20, I27.21, I27.22, I27.23, I27.24, I27.29, I27.81, I27.83, I27.89, I27.9, I28.-, I42.-, I43, I50.1-I50.9, I51.4, I51.5	Congestive heart failure	85	
I21.0-, I21.1-, I21.2-, I21.3, I21.4, I21.9, I21.A1, I21.A9, I22.-, I23.4, I23.5, I51.1, I51.2	Acute myocardial infarction	86	87, 88
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I20.1-I20.9, I25.111, I25.118-I25.119, I25.701-I25.709, I25.711-I25.719, I25.721-I25.729, I25.731-I25.739, I25.751-I25.759, I25.761-I25.769, I25.791-I25.799	Angina pectoris	88	
I44.2, I47.-, I48.-, I49.2, I49.5	Specified heart arrhythmias	96	
I60.-, I61.-, I62.-	Cerebral hemorrhage	99	100
I63.-, I97.81-, I97.82-	Ischemic or unspecified stroke	100	
G81.-, I69.05-, I69.15-, I69.25-, I69.35-, I69.85-, I69.95-	Hemiplegia/hemiparesis	103	104
G83.0-G83.3-, G83.5-G83.9, I69.03-, I69.04-, I69.06-, I69.13-, I69.14-, I69.16-, I69.23-, I69.24, I69.26-, I69.33-, I69.34-, I69.36-, I69.83-, I69.84-, I69.86-, I69.93-, I69.94-, I69.96-	Monoplegia, other paralytic syndromes	104	
A48.0, E08.52, E09.52, E10.52, E11.52, E13.52, I70.231-I70.269, I70.331-I70.369, I70.431-I70.469, I70.531-I70.569, I70.631-I70.669, I70.731-I70.769, I73.01, I96	Atherosclerosis of extremity with ulceration or gangrene	106	107, 108, 161, 189
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A48.1, J15.0-J15.2-, J15.5, J15.6, J15.8, J69.-, J95.851	Aspiration and specified bacterial pneumonias	114	115
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ICD-10-CM codes	HCC category description	HCC	Disease hierarchy
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Resources

Centers for Medicare and Medicaid Services (CMS), Medicare Advantage Rates & Statistics:

<https://www.cms.gov/Medicare/Health-Plans/MedicareAdvtgSpecRateStats/index.html>

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