

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, 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	
C77.1-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.Z0-C92.92, C93.10-C93.92, 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, 80.0-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.-, 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-, 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

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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	
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	
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-, F18.27-, F18.95-, F18.97, F19.15-, F19.16, F19.17, F19.232, F19.25-, F19.26, F19.27, F19.931, F19.932, F19.950-F19.97	Drug/Alcohol Psychosis	54	55
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, F19.121-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	Drug/Alcohol Dependence	55	
F20.-, F25.0, F25.-	Schizophrenia	57	58

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F22, F24, F30.-, F31.-, F32.0-F32.8, F33.-, F34.9, 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), 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), T71.122(A), T71.132(A), T71.152(A), T71.162(A), T71.192(A), T71.222(A), T71.232(A), 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	58	
G82.5-, R53.2, S14.11-(A)(D)(S)	Quadriplegia	70	71, 72, 103, 104, 169
G82.22, S24.11-(A)(D)(S)	Paraplegia	71	72, 104, 169

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B00.82, B01.12, B02.24, G04.91, G05.4, G11.-, G12.0-G12.1, G12.8, G12.9, G32.0, G32.81, G37.3, G37.4, G83.4, G90.1, G95.-, G99.2, Q00.-, Q01.-, Q02, Q03.-, Q04.-, Q05.-, Q06.-, Q07.-, S14.0-(A)(D)(S), S14.10-(A)(D)(S), S14.12-(A)(D)(S), S14.13-(A)(D)(S), S14.14-(A)(D)(S), S14.15-(A)(D)(S), S24.0-(A)(D)(S), S24.10-(A)(D)(S), S24.13-(A)(D)(S), S24.14-(A)(D)(S), S24.15-(A)(D)(S), S34.0-(A)(D)(S), S34.1-(A)(D)(S), S34.3-(A)	Spinal Cord Disorders/ Injuries	72	169
G12.2-	Amyotrophic Lateral Sclerosis and Other Motor Neuron Disease	73	
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, G21.2-G21.9, G23.-, G90.3	Parkinson's and Huntington's Diseases	78	
G40.01-, G40.10-, G40.20-, G40.21-, G40.30-, G40.31-, G40.40-, G40.41-, G40.50-, G40.80-, G40.81-, G40.82-, G40.89, G40.90-, G40.91-, G40.A0-, G40.A1-, G40.B0-, G40.B1-, R56.-	Seizure Disorders and Convulsions	79	
G93.1, G93.5, G93.6, R40.20, R40.21-, R40.22-, R40.23-, 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
I46.-, I49.0-, J80, J81.0, J95.1-J95.3, J95.82-, J96.-, R57.0, R57.9, T81.11XA	Cardio-Respiratory Failure and Shock	84	
A36.81, B33.24, I09.81, I11.0, I13.0, I13.2, I26.0-, I27.0, I27.1, I27.2, I27.81, I27.83, I27.89, I27.9, I28.-, I42.-, I43, I50.-, I51.4, I51.5	Congestive Heart Failure	85	
I21.0-, I21.1-, I21.2-, I21.3, I21.4, I21.9, I21.A1, I21.A9, I12.9, I22.-, I23.4, I23.5, I51.1, I51.2	Acute Myocardial Infarction	86	87, 88
I20.0, I23.0-I23.3, I23.6-I23.8, I24.-, I25.110, I25.700, I25.710, I25.720, I25.730, I25.750, I25.760, I25.790	Unstable Angina and Other Acute Ischemic Heart Disease	87	88
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Resources

- Centers for Medicare and Medicaid Services (CMS), Medicare Advantage Rates & Statistics: www.cms.gov/Medicare/Health-Plans/MedicareAdvgtgSpecRateStats/index.html
- Centers for Medicare and Medicaid Service (CMS), **2017 Announcements Table VI-4 Disease Hierarchies for the 2017 CMS HCC Model**, pg. 87. www.cms.gov/Medicare/Health-Plans/MedicareAdvgtgSpecRateStats/Downloads/Announcement2017.pdf
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