

Additional file 2. Charlson conditions and the corresponding codes after the International Classification of Disease (ICD), 10th and 8th revision.^a

Charlson conditions	Corresponding ICD-10 codes	Corresponding ICD-8 codes	Weight
Myocardial infarction	I21, I22, I23	410	1
Congestive heart failure	I50, I11.0, I13.0, I13.2	427.09, 427.10, 427.11, 427.19, 428.99	1
Peripheral vascular disease	I70, I71, I72, I73, I74, I77	782.49, 440, 441, 442, 443, 444, 445	1
Cerebrovascular disease	I60-69, G45, G46	430-438	1
Dementia	F00-F03, F05.1, G30	290.09-290.19, 293.09	1
Chronic pulmonary disease	J40-J47, J60-67, J68.4, J70.1, J70.3, J84.1, J92.0, J96.1, J98.2, J98.3	490-493, 515-518	1
Connective tissue disease	M05, M06, M08, M09, M30, M31, M32, M33, M34, M35, M36, D86	712, 716, 734, 446, 135.99	1
Ulcer Disease	K22.1, K25-28	530.91, 530.98, 531-534	1
Mild liver disease	B18, K70.0-K70.3, K70.9, K71, K73, K74, K76.0	571, 573.01, 573.04	1
Diabetes Mellitus	E10.0, E10.1, E10.9 E11.0, E11.1, E11.9	249.00, 249.06, 249.07, 249.09, 250.00, 250.06, 250.07, 250.09	1
Hemiplegia	G81, G82	344	2
Moderate/severe renal disease	I12, I13, N00-N05, N07, N11, N14, N17-N19, Q61	403, 404, 580-583, 584, 590.09, 593.19, 753.10-753.19, 792	2
Diabetes Mellitus with chronic complications	E10.2-E10.8 E11.2-E11.8	249.01-249.05, 249.08, 250.01-250.05, 250.08	2
Any tumor	C00-C75	140-194	2
Leukemia	C91-C95	204, 205, 206, 207	2
Lymphoma	C81-C85, C88, C90, C96	200, 201, 202, 203, 275.59	2
Moderate/severe liver disease	B15.0, B16.0, B16.2, B19.0, K70.4, K72, K76.6, I85	070.00, 070.02, 070.04, 070.06, 070.08, 573.00, 456.00-456.09	3
Metastatic solid tumor	C76-C80	195-198, 199	6
AIDS	B21-B24	079.83	6

^a Usage of ICD-8 between 1977-1993, usage of ICD-10 since 1994.