

**Appendix 2 – Definition of Health conditions used for case mix adjustment**

\* Include all sub-codes unless sub-codes are already specified

<b>Condition</b>	<b>ICD-10 Codes *</b>
1. Hypertension	I10, I15.0, I15.8
2. Obesity	E66
3. Diabetes (types 1 and 2)	E10, E11
4. Chronic Obstructive Pulmonary Disease or Pneumoconiosis	J43, J44, J47, J60 – J64
5. Asthma & Chronic Bronchitis	J40-J42, J45
6. Hyperlipidemia	E78.0, E78.1, E78.2, E78.3, E78.4, E78.5
7. Cancer	C00 – C96
8. Cardiovascular Disease	I20, I21, I22, I23, I24, I25, I48
9. Heart Failure	I110, I130, I09.81, I50
10. Osteoarthritis or Rheumatoid Arthritis	M05.00, M05.30, M05.60, M06.1, M06.9, M15, M16, M17, M18, M19
11. Cerebrovascular	G45, I60 - I69
12. Thyroid Problem	E00-E07
13. Kidney Disease or Failure	N17, N18, N18.1, N18.2, N18.3, N18.4, N18.5, N18.6, N18.9, N19
14. Osteoporosis	M80, M81.0, M81.6, M81.8
15. Dementia	F01, F02, F03, F03.90, F05
16. Musculoskeletal Problem	M25.70, M25.729, M35.3, M54.10, M54.14, M54.15, M54.16, M54.17, M54.2, M54.30, M54.5, M54.6, M54.89, M54.9, M60.9, M65.30, M65.4, M65.80, M65.849, M65.879, M65.9, M70.039, M70.10, M70.20, M70.30, M70.40, M70.50, M70.60, M70.70, M71.50, M72.9, M74.40, M75, M75.00, M75.30, M75.80, M76.10, M76.20, M76.40, M76.50, M76.60, M76.829, M76.899, M77.00, M77.10, M77.20, M77.30, M77.40, M77.50, M77.9, M79.0, M79.1, M79.2, M79.609, M79.7, S72.08, S72.01, S82, S06, M17
17. Stomach Problem	K21.9, K25.4, K25.5, K25.6, K25.7, K25.9, K56.60,
18. Colon Problem	K50.10, K50.80, K50.90, K51.00, K51.40, K51.50, K51.80, K51.90, K58
19. Liver Disease	K70.0, K70.10, K70.30, K70.9, K73.0, K73.2, K73.8, K73.9, K74.0, K74.1, K74.3, K74.4, K74.5, K74.60, K74.69, K75.4, K76.0, K76.89, K76.9
20. Urinary Problem	N13.4, N13.5, N13.70, N13.71, N13.721, N13.722, N13.729, N13.8, N28.82, N28.89, N28.9, N30.10, N30.11, N30.20, N30.21, N30.90, N30.91, N34.1, N34.2, N34.3, N39 (and all sub-codes), N40, N41.1, N41.3, N41.4, N41.8, N41.9, N42.0, N42.1, N42.3, N42.89,

	N42.9
21. Diseases of the Nervous System	G000, G001, G002, G003, G008, G009, G01, G02, G030, G031, G032, G038, G039, G0400, G0401, G0402, G041, G042, G0430, G0431, G0432, G0439, G0481, G0489, G0490, G0491, G053, G054, G060, G061, G062, G07, G08, G09, G10, G110, G111, G112, G113, G114, G118, G119, G120, G121, G1220, G1221, G1222, G1229, G128, G129, G130, G131, G132, G138, G14, G20, G210, G2111, G2119, G212, G213, G214, G218, G219, G230, G231, G232, G238, G239, G2401, G2402, G2409, G241, G242, G243, G244, G245, G248, G249, G250, G251, G252, G253, G254, G255, G2561, G2569, G2570, G2571, G2579, G2581, G2582, G2583, G2589, G259, G26, G300, G301, G308, G309, G3101, G3109, G311, G312, G3181, G3182, G3183, G3184, G3185, G3189, G319, G320, G3281, G3289, G35, G360, G361, G368, G369, G370, G371, G372, G373, G374, G375, G378, G379, G40001, G40009, G40011, G40019, G40101, G40109, G40111, G40119, G40201, G40209, G40211, G40219, G40301, G40309, G40311, G40319, G40401, G40409, G40411, G40419, G40501, G40509, G40801, G40802, G40803, G40804, G40811, G40812, G40813, G40814, G40821, G40822, G40823, G40824, G4089, G40901, G40909, G40911, G40919, G40A01, G40A09, G40A11, G40A19, G40B01, G40B09, G40B11, G40B19, G43001, G43009, G43011, G43019, G43101, G43109, G43111, G43119, G43401, G43409, G43411, G43419, G43501, G43509, G43511, G43519, G43601, G43609, G43611, G43619, G43701, G43709, G43711, G43719, G43801, G43809, G43811, G43819, G43821, G43829, G43831, G43839, G43901, G43909, G43911, G43919, G43A0, G43A1, G43B0, G43B1, G43C0, G43C1, G43D0, G43D1, G44001, G44009, G44011, G44019, G44021, G44029, G44031, G44039, G44041, G44049, G44051, G44059, G44091, G44099, G441, G44201, G44209, G44211, G44219, G44221, G44229, G44301, G44309, G44311, G44319, G44321, G44329, G4440, G4441, G4451, G4452, G4453, G4459, G4481, G4482, G4483, G4484, G4485, G4489, G450, G451, G452, G453, G454, G458, G459, G460, G461, G462, G463, G464, G465, G466, G467, G468, G4700, G4701, G4709, G4710, G4711, G4712, G4713, G4714, G4719, G4720, G4721, G4722, G4723, G4724, G4725, G4726, G4727, G4729, G4730, G4731, G4732, G4733, G4734, G4735, G4736,

	<p>G4737, G4739, G47411, G47419, G47421, G47429, G4750, G4751, G4752, G4753, G4754, G4759, G4761, G4762, G4763, G4769, G478, G479, G500, G501, G508, G509, G510, G511, G512, G513, G514, G518, G519, G520, G521, G522, G523, G527, G528, G529, G53, G540, G541, G542, G543, G544, G545, G546, G547, G548, G549, G55, G5600, G5601, G5602, G5610, G5611, G5612, G5620, G5621, G5622, G5630, G5631, G5632, G5640, G5641, G5642, G5680, G5681, G5682, G5690, G5691, G5692, G5700, G5701, G5702, G5710, G5711, G5712, G5720, G5721, G5722, G5730, G5731, G5732, G5740, G5741, G5742, G5750, G5751, G5752, G5760, G5761, G5762, G5770, G5771, G5772, G5780, G5781, G5782, G5790, G5791, G5792, G580, G587, G588, G589, G59, G600, G601, G602, G603, G608, G609, G610, G611, G6181, G6189, G619, G620, G621, G622, G6281, G6282, G6289, G629, G63, G64, G650, G651, G652, G7000, G7001, G701, G702, G7080, G7081, G7089, G709, G710, G7111, G7112, G7113, G7114, G7119, G712, G713, G718, G719, G720, G721, G722, G723, G7241, G7249, G7281, G7289, G729, G731, G733, G737, G800, G801, G802, G803, G804, G808, G809, G8100, G8101, G8102, G8103, G8104, G8110, G8111, G8112, G8113, G8114, G8190, G8191, G8192, G8193, G8194, G8220, G8221, G8222, G8250, G8251, G8252, G8253, G8254, G830, G8310, G8311, G8312, G8313, G8314, G8320, G8321, G8322, G8323, G8324, G8330, G8331, G8332, G8333, G8334, G834, G835, G8381, G8382, G8383, G8384, G8389, G839, G890, G8911, G8912, G8918, G8921, G8922, G8928, G8929, G893, G894, G9001, G9009, G901, G902, G903, G904, G9050, G90511, G90512, G90513, G90519, G90521, G90522, G90523, G90529, G9059, G908, G909, G910, G911, G912, G913, G914, G918, G919, G92, G930, G931, G932, G933, G9340, G9341, G9349, G935, G936, G937, G9381, G9382, G9389, G939, G94, G950, G9511, G9519, G9520, G9529, G9581, G9589, G959, G960, G9611, G9612, G9619, G968, G969, G970, G971, G972, G9731, G9732, G9741, G9748, G9749, G9751, G9752, G9781, G9782, G980, G988, G990, G992, G998</p>
22. Pneumonia and influenza & other acute lower respiratory infections	J09-J18, J20 – J22

23. Injury	E920, W25-W29, W45-W46, E830, E832, E910, V90, V92, W65-W74, E880-E886, E888, W00-W19, E890-E899, X10-X19, E922, W32-W34, E919, W24, W30-W31, E810-E819 (.0-.1), V30-V79(.4-.9), V83-V86(.0-.3), E810-E819 (.2-.3), V20-V28(.3-.9), V29(.4-.9), E810-E819 (.6), V12-V14(.3-.9), V19(.4-.6), E810-E819 (.7), V02-V04(.1), V02-V04(.9), V09.2, E810-E819 (.4-.5, .8-.9), V80(.3-.5), V81-V82(.1), V87(.0-.8), V89.2, E800-E807(.3), E820-E825(.6), E826.1, E826.9, V10.0-V11.9, V12-V14(.0-.2), V15.0-V18.9, V19(.0-.3), V19.8, V19.9, E800-E807(.2), E820-E825(.7), E826-E829(.0), V01(.0-.9), V02-V04(.0), V05.0-V06.9, V09.0, V09.1, V09.3, V09.9, E800-E807(.0-.1), E800-E807(.8-.9), E820-E825(.0-.5), E820-E825(.8-.9), E826(.2-.8), E827-E829(.2-.9), E831, E833-E838, E840.0-E845.9, E846, E847-E848, V20-V28(.0-.2), V29-V79(.0-.3), V80(.0-.2), V80(.6-.9), V81-V82(.0), V81-V82(.2-.9), V83-V86(.4-.9), V87.9, V88(.0-.9), V89(.0-.1), V89.3, V89.9, V91, V93-V99, E850-E869, E924.1, X40-X49, E916-E917, W20-W22, W50-W52, E911-E913, W75-W84, E914-E915, W44, E970-E978, E990-E999, Y35-Y36, Y89(.0-.1), E950-E959, E870
24. Severe and Persistent Mental Illness	F20-F29, F30, F31, F32.3, F33.3
25. Other Mental Illness	F32.0, F32.1-2, F32.4-9, F33.0, F33.1-2, F33.4-9, F34 F38-F39, F40-41, F05, F42, F44-F50, F54, F60-F69, F430, F4320-25, F4329, F4312, F438, F4310, F4390, F43948, X60-X84, F985, F959, F950-52, F984, F509, F502, F983, F9821, F508, F9829, F980, F981, F633, F51-F53, F55-F59, F99