Appendix 1.1: ICD codes

Table A1 details the ICD-10-AM codes and additional information used in the selection of the ambulatory care sensitive conditions which comprise avoidable hospitalisations.

Table A1: ICD codes and additional selection information for avoidable hospitalisations: hospital admissions resulting from ambulatory care sensitive conditions

Category	ICD-10-AM (2nd edition) codes	Additional selection information
Vaccine-preventable		
Influenza and pneumonia	J10, J11, J13, J14, J15.3, J15.4, J15.7, J15.9, J16.8, J18.1, J18.8	In any diagnosis field; exclude people under 2 months; ICD-10-AM: exclude cases with secondary diagnosis of D57
Other vaccine preventable	A35, A36, A37, A80, B05, B06, B16.1, B16.9, B18.0, B18.1, B26, G00.0, M01.4	In any diagnosis field
Chronic		
Diabetes complications	E10.1-E10.8, E11.0-E11.8, E13.0-E13.8, E14.0-E14.8	In any diagnosis field
Nutritional deficiencies	E40-E43, E55.0, E64.3	Principal diagnosis only
Iron deficiency anaemia	D50.1-D50.9	Principal diagnosis only
Hypertension	I10, I11.9	Principal diagnosis only; ICD-10-AM: exclude cases with procedures in blocks 600-693, 705-707, 717 and procedure codes 38721-00, 38721-01, 90226-00
Congestive heart failure	I11.0, I50, J81	Principal diagnosis only; ICD-10-AM: exclude cases with procedures in blocks 600-693, 705-707, 717 and procedure codes 38721-00, 38721-01, 90226-00
Angina	I20, I24.0, I24.8, I24.9	Principal diagnosis only; ICD-10-AM: exclude cases with procedure codes in blocks 1-1779
Chronic obstructive pulmonary disease	J41-J44, J47, (J20)	Principal diagnosis only; ICD-10-AM: J20 only with second diagnosis of J41, J42, J43, J44, J47
Asthma	J45, J46	Principal diagnosis only
Acute		
Dehydration and gastroenteritis	E86, K52.2, K52.8, K52.9	Principal diagnosis only
Convulsions and epilepsy	G40, G41, O15, R56	Principal diagnosis only
Ear, nose and throat infections	H66, H67, J02, J03, J06, J31.2	Principal diagnosis only
Dental conditions	A69.0, K02-K06, K08, K09.8, K09.9, K12, K13	Principal diagnosis only

… continued

Table A1: ICD codes and additional selection information for avoidable hospitalisations: hospital admissions resulting from ambulatory care sensitive conditions ... *continued*

Category	ICD-10-AM (2nd edition) codes	Additional selection information
Acute ... *continued*		
Perforated/bleeding ulcer	K25.0- K25.2, K25.4-K25.6, K26.0-K26.2, K26.4-K26.6, K27.0-K27.2, K27.4-K27.6, K28.0-K28.2, K28.4-K28.6	Principal diagnosis only
Ruptured appendix	K35.0	In any diagnosis field
Pyelonephritis	N10, N11, N12, N13.6	Principal diagnosis only
Pelvic inflammatory disease	N70, N73, N74	Principal diagnosis only
Cellulitis	L03, L04, L08.0, L08.8, L08.9, L88, L98.0, L98.3	ICD-10-AM: Include cases where L03, L04, L08.0, L08.8, L08.9, L88, L98.0, L98.3 is reported as the principal diagnosis AND there were either no procedures reported OR the procedures listed were only in blocks 1604-1606, 1608, 1820-2016 or the procedures 90660-00, 30207-00, 30676-00, 30679-00, 34530-01 and 47912-00 Additionally, check that the procedure is the only procedure when in the list: blocks 1604-1606, 1608, or the procedures are: 90660-00, 30207-00, 30676-00, 30679-00, 34530-01 and 47912-00]
Gangrene	R02	In any diagnosis field

Note: This list is based on the Australian work by Vic DHS and subsequent development by NSW Health: the method of simplifying the procedure exclusions in ICD-10 by the use of procedure code blocks was developed by NSW Health.