## Supplemental Online Table A ICD-10-AM codes for chronic potentially preventable hospitalisations (PPH)\*

Chronic condition	ICD-10-AM codes
Asthma	J45, J46 as principal diagnosis only
Congestive cardiac failure	I50, I11.0, J81 as principal diagnosis only, exclude cases with the following procedure codes: 33172-00, 38256-00, 38270-01, 38456-19, 38456-15, 38456-12, 38456-11, 38456-10, 38470-00, 38475-00, 38480-02, 38480-01, 38480-00, 38488-06, 38488-04, 38489-04, 38488-02, 38489-03, 38489-02, 38488-00, 38489-00, 38490-00, 38493-00, 38497-04, 38497-03, 38497-02, 38497-01, 38456-01, 38487-00, 38497-00, 38500-00, 38503-00, 38505-00, 38612-00, 38615-00, 38653-00, 38700-02, 38700-00, 38739-00, 38742-02, 38742-00, 38745-00, 38751-02, 38751-00, 38757-02, 38757-01, 38757-00, 90204-00, 90205-00, 90219-00, 90224-00.
Diabetes complications	E10–E14.9 as principal diagnoses
COPD	J20, J41, J42, J43, J44, J47 as principal diagnosis only, J20 only with additional diagnoses of J41, J42, J43,J44, J47
Angina	I20, I24.0, I24.8, I24.9 as principal diagnosis only, exclude cases with procedure codes not in blocks [1820] to [2016]
Iron deficiency anaemia	D50.1, D50.8, D50.9 as principal diagnosis only.
Hypertension	I10, I11.9 as principal diagnosis only, exclude cases with procedure codes according to the list of procedures excluded from the Congestive cardiac failure category above.
Nutritional deficiencies	E40, E41, E42, E43, E55.0, E64.3 as principal diagnosis only.
Rheumatic heart disease	I00 to I09 as principal diagnosis only. (Note: includes acute rheumatic fever)

<sup>\*</sup>Australian Institute of Health and Welfare codes used for identifying chronic potentially preventable hospitalisations within SA Health records released in 4/2015.

Supplemental Online Table B Distribution of population by area disadvantage, remoteness and Aboriginal status, South Australia, 2006 to 2011 average excluding APY Lands

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	Major o		Regi			note	Tota	
	N	Percent	N	Percent	N	Percent	N	Percent
Age								
0-4	1,656	6.1%	1,178	4.3%	403	1.5%	3,238	11.8%
5-14	3,344	12.2%	2,335	8.5%	799	2.9%	6,479	23.7%
15-24	3,046	11.1%	2,000	7.3%	679	2.5%	5,724	20.9%
25-34	2,033	7.4%	1,322	4.8%	474	1.7%	3,828	14.0%
35-44	1,675	6.1%	1,218	4.5%	463	1.7%	3,355	12.3%
45-54	1,241	4.5%	884	3.2%	362	1.3%	2,487	9.1%
55-64	633	2.3%	541	2.0%	164	0.6%	1,338	4.9%
65-74	279	1.0%	258	0.9%	72	0.3%	609	2.2%
75+	150	0.5%	126	0.5%	32	0.1%	307	1.1%
Area Disadvantage (2011 IRSD)								
Q1 Least Disadvantage	1,051	3.8%	257	0.9%	97	0.4%	1,406	5.1%
Q2	2,154	7.9%	483	1.8%	144	0.5%	2,781	10.2%
Q3	2,517	9.2%	815	3.0%	140	0.5%	3,472	12.7%
Q4	3,588	13.1%	2,137	7.8%	2,220	8.1%	7,945	29.0%
Q5 Most Disadvantage	4,746	17.3%	6,170	22.5%	846	3.1%	11,762	43.0%
Total	14,056	51.4%	9,862	36.0%	3,448	12.6%	27,366	100.0%
on-Aboriginal			•					
•	Major cities		Regional		Remote		Total	
	N	Percent	N	Percent	N	Percent	N	Percent
								I CICCIII
Age							.,	1 CICCIII
Age 0-4	59,436					0.2%		
	59,436 124,954	3.8%	22,616	1.5%	3,438	0.2% 0.5%	85,490	5.5%
0-4	124,954	3.8% 8.0%	22,616 52,155	1.5% 3.3%	3,438 7,139	0.5%	85,490 184,249	5.5% 11.8%
0-4 5-14	124,954 157,384	3.8% 8.0% 10.1%	22,616 52,155 46,228	1.5% 3.3% 3.0%	3,438 7,139 5,791	0.5% 0.4%	85,490 184,249 209,403	5.5% 11.8% 13.4%
0-4 5-14 15-24	124,954 157,384 151,022	3.8% 8.0% 10.1% 9.7%	22,616 52,155 46,228 42,991	1.5% 3.3% 3.0% 2.8%	3,438 7,139 5,791 6,781	0.5% 0.4% 0.4%	85,490 184,249 209,403 200,794	5.5% 11.8% 13.4% 12.9%
0-4 5-14 15-24 25-34	124,954 157,384 151,022 152,948	3.8% 8.0% 10.1% 9.7% 9.8%	22,616 52,155 46,228 42,991 53,955	1.5% 3.3% 3.0% 2.8% 3.5%	3,438 7,139 5,791 6,781 7,691	0.5% 0.4% 0.4% 0.5%	85,490 184,249 209,403 200,794 214,594	5.5% 11.8% 13.4% 12.9% 13.8%
0-4 5-14 15-24 25-34 35-44	124,954 157,384 151,022 152,948 155,542	3.8% 8.0% 10.1% 9.7% 9.8% 10.0%	22,616 52,155 46,228 42,991 53,955 58,966	1.5% 3.3% 3.0% 2.8% 3.5% 3.8%	3,438 7,139 5,791 6,781 7,691 7,817	0.5% 0.4% 0.4% 0.5% 0.5%	85,490 184,249 209,403 200,794 214,594 222,326	5.5% 11.8% 13.4% 12.9% 13.8% 14.3%
0-4 5-14 15-24 25-34 35-44 45-54	124,954 157,384 151,022 152,948 155,542 131,546	3.8% 8.0% 10.1% 9.7% 9.8% 10.0% 8.4%	22,616 52,155 46,228 42,991 53,955 58,966 53,794	1.5% 3.3% 3.0% 2.8% 3.5% 3.8% 3.5%	3,438 7,139 5,791 6,781 7,691 7,817 6,979	0.5% 0.4% 0.4% 0.5% 0.5% 0.4%	85,490 184,249 209,403 200,794 214,594 222,326 192,319	5.5% 11.8% 13.4% 12.9% 13.8% 14.3% 12.3%
0-4 5-14 15-24 25-34 35-44 45-54 55-64	124,954 157,384 151,022 152,948 155,542 131,546 85,890	3.8% 8.0% 10.1% 9.7% 9.8% 10.0% 8.4% 5.5%	22,616 52,155 46,228 42,991 53,955 58,966 53,794 35,964	1.5% 3.3% 3.0% 2.8% 3.5% 3.8% 3.5% 2.3%	3,438 7,139 5,791 6,781 7,691 7,817 6,979 4,168	0.5% 0.4% 0.4% 0.5% 0.5% 0.4% 0.3%	85,490 184,249 209,403 200,794 214,594 222,326 192,319 126,022	5.5% 11.8% 13.4% 12.9% 13.8% 14.3% 12.3% 8.1%
0-4 5-14 15-24 25-34 35-44 45-54 55-64 65-74 75+	124,954 157,384 151,022 152,948 155,542 131,546	3.8% 8.0% 10.1% 9.7% 9.8% 10.0% 8.4%	22,616 52,155 46,228 42,991 53,955 58,966 53,794	1.5% 3.3% 3.0% 2.8% 3.5% 3.8% 3.5%	3,438 7,139 5,791 6,781 7,691 7,817 6,979	0.5% 0.4% 0.4% 0.5% 0.5% 0.4%	85,490 184,249 209,403 200,794 214,594 222,326 192,319	5.5% 11.8% 13.4% 12.9% 13.8% 14.3% 12.3%
0-4 5-14 15-24 25-34 35-44 45-54 55-64 65-74 75+ Area Disadvantage (2011 IRSD)	124,954 157,384 151,022 152,948 155,542 131,546 85,890 89,966	3.8% 8.0% 10.1% 9.7% 9.8% 10.0% 8.4% 5.5% 5.8%	22,616 52,155 46,228 42,991 53,955 58,966 53,794 35,964 29,574	1.5% 3.3% 3.0% 2.8% 3.5% 3.8% 3.5% 2.3% 1.9%	3,438 7,139 5,791 6,781 7,691 7,817 6,979 4,168 3,508	0.5% 0.4% 0.4% 0.5% 0.5% 0.4% 0.3% 0.2%	85,490 184,249 209,403 200,794 214,594 222,326 192,319 126,022 123,049	5.5% 11.8% 13.4% 12.9% 13.8% 14.3% 12.3% 8.1% 7.9%
0-4 5-14 15-24 25-34 35-44 45-54 55-64 65-74 75+ Area Disadvantage (2011 IRSD) Q1 Least Disadvantage	124,954 157,384 151,022 152,948 155,542 131,546 85,890 89,966	3.8% 8.0% 10.1% 9.7% 9.8% 10.0% 8.4% 5.5% 5.8%	22,616 52,155 46,228 42,991 53,955 58,966 53,794 35,964 29,574	1.5% 3.3% 3.0% 2.8% 3.5% 3.8% 3.5% 2.3% 1.9%	3,438 7,139 5,791 6,781 7,691 7,817 6,979 4,168 3,508	0.5% 0.4% 0.4% 0.5% 0.5% 0.4% 0.3% 0.2%	85,490 184,249 209,403 200,794 214,594 222,326 192,319 126,022 123,049	5.5% 11.8% 13.4% 12.9% 13.8% 14.3% 12.3% 8.1% 7.9%
0-4 5-14 15-24 25-34 35-44 45-54 55-64 65-74 75+ Area Disadvantage (2011 IRSD) Q1 Least Disadvantage Q2	124,954 157,384 151,022 152,948 155,542 131,546 85,890 89,966 249,709 300,646	3.8% 8.0% 10.1% 9.7% 9.8% 10.0% 8.4% 5.5% 5.8% 16.0% 19.3%	22,616 52,155 46,228 42,991 53,955 58,966 53,794 35,964 29,574 51,252 57,501	1.5% 3.3% 3.0% 2.8% 3.5% 3.8% 3.5% 2.3% 1.9% 3.3% 3.7%	3,438 7,139 5,791 6,781 7,691 7,817 6,979 4,168 3,508 6,068 7,839	0.5% 0.4% 0.4% 0.5% 0.5% 0.4% 0.2% 0.4% 0.5%	85,490 184,249 209,403 200,794 214,594 222,326 192,319 126,022 123,049 307,029 365,986	5.5% 11.8% 13.4% 12.9% 13.8% 14.3% 12.3% 8.1% 7.9% 19.7% 23.5%
0-4 5-14 15-24 25-34 35-44 45-54 55-64 65-74 75+ Area Disadvantage (2011 IRSD) Q1 Least Disadvantage	124,954 157,384 151,022 152,948 155,542 131,546 85,890 89,966 249,709 300,646 209,834	3.8% 8.0% 10.1% 9.7% 9.8% 10.0% 8.4% 5.5% 5.8% 16.0% 19.3% 13.5%	22,616 52,155 46,228 42,991 53,955 58,966 53,794 35,964 29,574 51,252 57,501 64,390	1.5% 3.3% 3.0% 2.8% 3.5% 3.8% 3.5% 2.3% 1.9% 3.3% 4.1%	3,438 7,139 5,791 6,781 7,691 7,817 6,979 4,168 3,508 6,068 7,839 13,559	0.5% 0.4% 0.4% 0.5% 0.4% 0.3% 0.2% 0.4% 0.5% 0.9%	85,490 184,249 209,403 200,794 214,594 222,326 192,319 126,022 123,049 307,029 365,986 287,783	5.5% 11.8% 13.4% 12.9% 13.8% 14.3% 12.3% 8.1% 7.9% 19.7% 23.5% 18.5%
0-4 5-14 15-24 25-34 35-44 45-54 55-64 65-74 75+ Area Disadvantage (2011 IRSD) Q1 Least Disadvantage Q2 Q3	124,954 157,384 151,022 152,948 155,542 131,546 85,890 89,966 249,709 300,646	3.8% 8.0% 10.1% 9.7% 9.8% 10.0% 8.4% 5.5% 5.8% 16.0% 19.3%	22,616 52,155 46,228 42,991 53,955 58,966 53,794 35,964 29,574 51,252 57,501	1.5% 3.3% 3.0% 2.8% 3.5% 3.8% 3.5% 2.3% 1.9% 3.3% 3.7%	3,438 7,139 5,791 6,781 7,691 7,817 6,979 4,168 3,508 6,068 7,839	0.5% 0.4% 0.4% 0.5% 0.5% 0.4% 0.2% 0.4% 0.5%	85,490 184,249 209,403 200,794 214,594 222,326 192,319 126,022 123,049 307,029 365,986	5.5% 11.8% 13.4% 12.9% 13.8% 14.3% 12.3% 8.1% 7.9% 19.7% 23.5%

<sup>\*</sup>Sourced from ABS 3238.0.55.001