

The impact of socio-economic status on outcomes after unplanned intensive care unit admissions in Australia: a retrospective observational cohort study

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Table 1S - Unadjusted patient outcomes

	Overall	IRSAD quartiles			
		1 - 3	4 - 5	6 - 8	9 - 10
ICU mortality	17,225 (7.0)	3,603 (7.2)	4,846 (6.6)	4,747 (7.2)	4,029 (7.2)
Hospital mortality	27,342 (11.1)	5,608 (11.2)	7,715 (10.4)	7,539 (11.4)	6,480 (11.6)
ICU LOS (hours)	47.67 [24.32 - 92.42]	49.52 [25.35 - 94.75]	47.48 [24.13 - 91.33]	46.75 [24.00 - 91.47]	47.32 [24.18 - 92.67]
Hospital LOS (days)	8.07 (4.11 - 15.88)	8.01 (4.13 - 15.25)	7.48 (3.84 - 14.82)	8.18 (4.17 - 16.23)	8.88 (4.52 - 17.38)
Post-hospitalization destination					
Died	27,342 (11.12)	5,608 (11.21)	7,715 (10.44)	7,539 (11.42)	6,480 (11.58)
Home	166,584 (67.75)	33,025 (66.04)	50,271 (68.01)	44,881 (68.01)	38,407 (68.65)
Nursing home/chronic care/palliative care	10,020 (4.08)	1,840 (3.68)	2,935 (3.97)	2,833 (4.29)	2,412 (4.31)
Rehabilitation	12,232 (4.98)	1,906 (3.81)	2,624 (3.55)	3,871 (5.87)	3,831 (6.85)
Mental health	1,462 (0.59)	270 (0.54)	403 (0.55)	492 (0.75)	297 (0.53)
Hospital in the home	1,304 (0.53)	325 (0.65)	380 (0.51)	393 (0.60)	206 (0.37)
Other hospital/other	26,923 (10.95)	7,037 (14.07)	9,585 (12.96)	5,987 (9.07)	4,314 (7.71)

IRSAD - Index of Relative Socio-Economic Advantage and Disadvantage; ICU - intensive care unit; LOS - length of stay. Data are presented as n (%) or median [interquartile range]

Table 2S - Contributing sites

Site name
Albury Wodonga Health ICU
Alfred Hospital ICU
Alice Springs Hospital ICU
Angliss Hospital ICU
Armada Health Service ICU
Ashford Community Hospital ICU
Austin Hospital ICU
Bankstown-Lidcombe Hospital ICU
Bathurst Base Hospital ICU
Bendigo Health Care Group ICU
Blacktown Hospital ICU
Box Hill Hospital ICU
Brisbane Private Hospital ICU
Buderim Private Hospital ICU
Bunbury Regional Hospital ICU
Bundaberg Base Hospital ICU
Caboolture Hospital ICU
Cabrini Hospital ICU
Cairns Hospital ICU
Calvary Adelaide Hospital ICU
Calvary Hospital (Lenah Valley) ICU
Calvary John James Hospital ICU
Calvary Mater Newcastle ICU
Calvary North Adelaide Hospital ICU
Campbelltown Hospital ICU
Canberra Hospital ICU
Central Gippsland Health Service (Sale) ICU
Coffs Harbour Health Campus ICU
Concord Hospital (Sydney) ICU
Dandenong Hospital ICU
Dubbo Base Hospital ICU
Epworth Eastern Private Hospital ICU
Epworth Freemasons Hospital ICU
Epworth Geelong ICU
Epworth Hospital (Richmond) ICU
Fairfield Hospital ICU
Fiona Stanley Hospital ICU
Flinders Medical Centre ICU
Flinders Private Hospital ICU
Footscray Hospital ICU
Frankston Hospital ICU

Gold Coast Private Hospital ICU
Gold Coast University Hospital ICU
Gosford Hospital ICU
Gosford Private Hospital ICU
Goulburn Base Hospital ICU
Goulburn Valley Health ICU
Grafton Base Hospital ICU
Grampians Health Ballarat ICU
Grampians Health Horsham ICU
Greenslopes Private Hospital ICU
Griffith Base Hospital ICU
Hervey Bay Hospital ICU
Hollywood Private Hospital ICU
Holmesglen Private Hospital ICU
Hornsby Ku-ring-gai Hospital ICU
Hurstville Private Hospital ICU
Ipswich Hospital ICU
John Fawcner Hospital ICU
John Flynn Private Hospital ICU
John Hunter Hospital ICU
Joondalup Health Campus ICU
Kareena Private Hospital ICU
Knox Private Hospital ICU
Latrobe Regional Hospital ICU
Launceston General Hospital ICU
Lingard Private Hospital ICU
Lismore Base Hospital ICU
Liverpool Hospital ICU
Logan Hospital ICU
Lyell McEwin Hospital ICU
Mackay Base Hospital ICU
Macquarie University Private Hospital ICU
Maitland Hospital ICU
Maitland Private Hospital ICU
Manly Hospital & Community Health ICU
Manning Rural Referral Hospital ICU
Maroondah Hospital ICU
Mater Adults Hospital (Brisbane) ICU
Mater Private Hospital (Brisbane) ICU
Mater Private Hospital (Sydney) ICU
Mater Private Hospital (Townsville) ICU
Melbourne Private Hospital ICU
Mildura Base Public Hospital ICU

Monash Medical Centre-Clayton Campus ICU	St John of God Hospital (Bendigo) ICU
Mount Hospital ICU	St John of God Hospital (Berwick) ICU
Mount Isa Hospital ICU	St John Of God Hospital (Geelong) ICU
Mulgrave Private Hospital ICU	St John Of God Hospital (Murdoch) ICU
National Capital Private Hospital ICU	St John of God Midland Public & Private ICU
Nepean Hospital ICU	St Vincent's Private Hospital Northside ICU
Newcastle Private Hospital ICU	St Vincent's Hospital (Sydney) ICU
Noosa Hospital ICU	St Vincent's Hospital (Toowoomba) ICU
North Canberra Hospital ICU	St Vincent's Private Hospital (Sydney) ICU
North Shore Private Hospital ICU	St Vincent's Private Hospital Fitzroy ICU
North West Regional Hospital (Burnie) ICU	Sunnybank Hospital ICU
Northeast Health Wangaratta ICU	Sunshine Coast University Hospital ICU
Northern Beaches Hospital ICU	Sunshine Coast University Private Hospital ICU
Norwest Private Hospital ICU	Sunshine Hospital ICU
Orange Base Hospital ICU	Sutherland Hospital & Community Health Services ICU
Peninsula Private Hospital ICU	Sydney Adventist Hospital ICU
Pindara Private Hospital ICU	Sydney Southwest Private Hospital ICU
Port Macquarie Base Hospital ICU	Tamworth Base Hospital ICU
Prince of Wales Hospital (Sydney) ICU	The Bays Hospital ICU
Prince of Wales Private Hospital (Sydney) ICU	The Chris O'Brien Lifehouse ICU
Princess Alexandra Hospital ICU	The Memorial Hospital (Adelaide) ICU
Queen Elizabeth II Jubilee Hospital ICU	The Northern Hospital ICU
Redcliffe Hospital ICU	The Prince Charles Hospital ICU
Robina Hospital ICU	The Queen Elizabeth (Adelaide) ICU
Rockhampton Hospital ICU	The Wesley Hospital ICU
Rockingham General Hospital ICU	Toowoomba Hospital ICU
Royal Adelaide Hospital ICU	Townsville University Hospital ICU
Royal Brisbane and Women's Hospital ICU	Tweed Valley Hospital ICU
Royal Darwin Hospital ICU	University Hospital Geelong ICU
Royal Melbourne Hospital ICU	Wagga Wagga Base Hospital & District Health ICU
Royal North Shore Hospital ICU	Warringal Private Hospital ICU
Royal Perth Hospital ICU	Werribee Mercy Hospital ICU
Royal Prince Alfred Hospital ICU	Western District Health Service (Hamilton) ICU
Shoalhaven Hospital ICU	Western Hospital (SA) ICU
Sir Charles Gairdner Hospital ICU	Western Private Hospital ICU
South West Healthcare (Warrnambool) ICU	Westmead Hospital ICU
St Andrew's Hospital (Adelaide) ICU	Westmead Private Hospital ICU
St Andrew's Hospital Toowoomba ICU	Wollongong Hospital ICU
St Andrew's Private Hospital (Ipswich) ICU	Wollongong Private Hospital ICU
St Andrew's War Memorial Hospital ICU	Women's and Children's Hospital Pediatric ICU
St George Hospital (Sydney) ICU	Wyong Hospital ICU
St George Private Hospital (Sydney) ICU	
St John Of God Health Care (Subiaco) ICU	ICU - intensive care unit.