

TABLE E-1. Summary of Previous Studies on the Epidemiology of Adult Respiratory Distress Syndrome

Author	Population studied	Time period studied	Consensus criteria used?	Overall population prevalence per 100,000	Number of trauma patients with adult respiratory distress syndrome	Trauma prevalence per 100,000
Villar ¹⁴	1,997 ITU admissions from 700,000 population in Canary Islands	3 years (1983-85)	No	3.5	6	0.6 ^(a)
Webster ⁴³	5636 ITU admissions from 3.6 million population in Yorkshire, UK	1 year (1985)	No	4.5	Unknown	Unknown
Thomsen ¹⁵	Unknown number of ITU admissions from 1.72 million population in Utah	1 year (1989-90)	No	4.8 – 8.3	Unknown	Unknown
Hoyt et al ¹⁹	3289 Level 1 trauma admissions in San Diego, USA	3 years (1989-91)	No	Unknown	40	Unknown
Lewandowski ⁴	Unknown number of ITU admissions from 3.44 million population in Berlin	2 months (1991)	No	3.0 ^(a)	3 ^(b)	0.4 ^(a)
Luhr ⁵	13,346 ITU admissions from 11.7 million population in Sweden, Denmark and Iceland	8 weeks (1997)	Yes	13.5	18	1.1 ^(a)
Bersten ⁶	1,977 ITU admissions from 2.9 million population in Australia	2 months (1999)	Yes	28	19	2.0 ^(c)
This study	7192 trauma admissions from 600,000 population	8 years (1993-2000)	Yes	Not studied	36	0.8

(a) calculated, and (b) estimated from data presented. (c) Patients with pulmonary contusion included but those with barotrauma excluded. ITU = intensive therapy unit.