

TABLE e2

Table e-2. Top principal diagnoses for visiting the ED in secondary SE.

NEDS 2010				
		Most common principal diagnosis	Second most common principal diagnosis	Third most common principal diagnosis
<b>Globally</b>		Acute respiratory failure: 2,558 (17.4%)	Sepsis: 948 (6.4%)	Pneumonitis: 515 (3.5%)
<b>By age categories</b>	<b>&lt;1 year</b>	Acute respiratory failure: 41 (13.8%)	Child physical abuse: 41 (13.8%)	Subdural hemorrhage following injury: 14 (4.7%)
	<b>1-5 years</b>	Acute respiratory failure: 130 (18%)	Pneumonia: 91 (12.8%)	Pneumonitis: 38 (5.2%)
	<b>6-12 years</b>	Acute respiratory failure: 58 (16.4%)	Pneumonia: 15 (4.2%)	Urinary tract infection: 13 (3.7%)
	<b>13-20 years</b>	Acute respiratory failure: 84 (13.7%)	Pneumonitis: 26 (4.2%)	Skull fracture: 14 (2.3%)
	<b>21-35 years</b>	Acute respiratory failure: 288 (17.1%)	Pneumonitis: 68 (4%)	Sepsis: 59 (3.5%)
	<b>36-50 years</b>	Acute respiratory failure: 414 (16.2%)	Sepsis: 179 (7%)	Pneumonitis: 95 (3.7%)
	<b>51-65 years</b>	Acute respiratory failure: 695 (17.9%)	Sepsis: 302 (7.8%)	Late effects of cerebrovascular disease: 159 (4.1%)
	<b>66-89 years</b>	Acute respiratory failure: 796 (18.2%)	Sepsis: 373 (8.5%)	Cerebral infarction: 278 (6.4%)
	<b>&gt;89 years</b>	Acute respiratory failure: 53 (22.8%)	Cerebral infarction: 24 (10.5%)	Late effects of cerebrovascular disease: 18 (7.8%)
NEDS 2011				
		Most common principal diagnosis	Second most common principal diagnosis	Third most common principal diagnosis
<b>Globally</b>		Acute respiratory failure: 2,324 (14.8%)	Sepsis: 1,414 (9%)	Pneumonitis: 540 (3.4%)

<b>By age categories</b>	<b>&lt;1 year</b>	Acute respiratory failure: 36 (9.8%)	Child physical abuse: 26 (7.1%)	Subdural hemorrhage following injury: 22 (6.1%)
	<b>1-5 years</b>	Acute respiratory failure: 154 (17.5%)	Pneumonitis: 51 (5.8%)	Fever: 45 (5.1%)
	<b>6-12 years</b>	Acute respiratory failure: 78 (16.4%)	Pneumonitis: 26 (5.4%)	Pneumonia: 21 (4.3%)
	<b>13-20 years</b>	Acute respiratory failure: 55 (8.6%)	Sepsis: 45 (7.1%)	Altered mental status: 22 (3.4%)
	<b>21-35 years</b>	Acute respiratory failure: 239 (13.8%)	Sepsis: 147 (8.5%)	Pneumonitis: 65 (3.8%)
	<b>36-50 years</b>	Acute respiratory failure: 382 (14.4%)	Sepsis: 176 (6.6%)	Pneumonitis: 117 (4.4%)
	<b>51-65 years</b>	Acute respiratory failure: 725 (16.7%)	Sepsis: 431 (9.9%)	Alcohol withdrawal: 126 (2.9%)
	<b>66-89 years</b>	Acute respiratory failure: 619 (14.4%)	Sepsis: 537 (12.5%)	Cerebral infarction: 204 (4.8%)
	<b>&gt;89 years</b>	Acute respiratory failure: 36 (11.9%)	Cerebral infarction: 35 (11.7%)	Sepsis: 32 (10.7%)
<b>NEDS 2012</b>				
		<b>Most common principal diagnosis</b>	<b>Second most common principal diagnosis</b>	<b>Third most common principal diagnosis</b>
<b>Globally</b>		Acute respiratory failure: 2,211 (14.3%)	Sepsis: 1,457 (9.5%)	Cerebral infarction: 488 (3.2%)
<b>By age categories</b>	<b>&lt;1 year</b>	Acute respiratory failure: 36 (9.3%)	Shaken baby syndrome: 34 (8.9%)	Subdural hemorrhage: 20 (5.2%)
	<b>1-5 years</b>	Acute respiratory failure: 140 (16.9%)	Sepsis: 39 (4.7%)	Fever: 37 (4.5%)
	<b>6-12 years</b>	Acute respiratory failure: 66 (16.3%)	Pneumonia: 22 (5.5%)	Sepsis: 12 (2.9%)
	<b>13-20 years</b>	Sepsis: 38 (8.7%)	Acute respiratory failure: 35 (8.2%)	Pneumonitis: 25 (5.9%)
	<b>21-35 years</b>	Acute respiratory failure: 199 (11.0%)	Sepsis: 137 (7.6%)	Pneumonitis: 78 (4.3%)

	<b>36-50 years</b>	Acute respiratory failure: 433 (16.5%)	Sepsis: 269 (10.3%)	Alcohol withdrawal: 84 (3.2%)
	<b>51-65 years</b>	Acute respiratory failure: 711 (15.9%)	Sepsis: 415 (9.3%)	Cerebral infarction: 157 (3.5%)
	<b>66-89 years</b>	Acute respiratory failure: 560 (13.3%)	Sepsis: 494 (11.7%)	Cerebral infarction: 258 (6.1%)
	<b>&gt;89 years</b>	Sepsis: 38 (16.1%)	Acute respiratory failure: 27 (11.4%)	Cerebral infarction: 22 (9.2%)
<b>NEDS 2013</b>				
		<b>Most common principal diagnosis</b>	<b>Second most common principal diagnosis</b>	<b>Third most common principal diagnosis</b>
<b>Globally</b>		Acute respiratory failure: 2,470 (13.7%)	Sepsis: 1,722 (9.5%)	Cerebral infarction: 580 (3.2%)
<b>By age categories</b>	<b>&lt;1 year</b>	Child physical abuse: 71 (15.6%)	Acute respiratory failure: 19 (4.3%)	Herpetic meningoencephalitis: 16 (3.6%)
	<b>1-5 years</b>	Acute respiratory failure: 118 (17.4%)	Fever: 42 (6.2%)	Pneumonia: 28 (4.1%)
	<b>6-12 years</b>	Acute respiratory failure: 61 (14.3%)	Pneumonia: 27 (6.3%)	Encephalitis: 20 (4.7%)
	<b>13-20 years</b>	Acute respiratory failure: 59 (9.6%)	Sepsis: 40 (6.6%)	Urinary tract infection: 34 (5.6%)
	<b>21-35 years</b>	Acute respiratory failure: 269 (12.7%)	Sepsis: 105 (4.9%)	Complications of pregnancy, childbirth, or puerperium: 93 (4.4%)
	<b>36-50 years</b>	Acute respiratory failure: 413 (14.7%)	Sepsis: 267 (9.5%)	Alcohol withdrawal: 75 (2.7%)
	<b>51-65 years</b>	Acute respiratory failure: 775 (15.1%)	Sepsis: 582 (11.3%)	Pneumonitis: 169 (3.3%)
	<b>66-89 years</b>	Acute respiratory failure: 719 (13.1%)	Sepsis: 626 (11.4%)	Cerebral infarction: 351 (6.4%)
	<b>&gt;89 years</b>	Sepsis: 66 (19.9%)	Acute respiratory failure: 37 (11.1%)	Late effects of cerebrovascular disease: 23 (6.9%)

NEDS 2014				
		Most common principal diagnosis	Second most common principal diagnosis	Third most common principal diagnosis
<b>Globally</b>		Acute respiratory failure: 2,605 (13.3%)	Sepsis: 2,297 (11.8%)	Cerebral infarction: 605 (3.1%)
<b>By age categories</b>	<b>&lt;1 year</b>	Acute respiratory failure: 73 (15.8%)	Child physical abuse: 54 (11.8%)	Sepsis: 34 (7.4%)
	<b>1-5 years</b>	Acute respiratory failure: 128 (13.3%)	Pneumonitis: 55 (5.7%)	Pneumonia: 48 (5%)
	<b>6-12 years</b>	Acute respiratory failure: 51 (11.2%)	Dehydration: 15 (3.2%)	Intracranial hemorrhage: #
	<b>13-20 years</b>	Acute respiratory failure: 50 (8.2%)	Sepsis: 43 (7%)	Poisoning by antidepressants: 18 (3%)
	<b>21-35 years</b>	Acute respiratory failure: 295 (13.4%)	Sepsis: 220 (10%)	Pneumonitis: 62 (2.8%)
	<b>36-50 years</b>	Acute respiratory failure: 472 (15.9%)	Sepsis: 331 (11.1%)	Alcohol withdrawal: 107 (3.6%)
	<b>51-65 years</b>	Acute respiratory failure: 754 (13.2%)	Sepsis: 751 (13.1%)	Cerebral infarction: 201 (3.5%)
	<b>66-89 years</b>	Sepsis: 827 (14.3%)	Acute respiratory failure: 760 (13.1%)	Cerebrovascular disease: 304 (5.3%)
	<b>&gt;89 years</b>	Sepsis: 51 (15%)	Cerebral infarction: 49 (14.3%)	Pneumonitis: 28 (8.2%)

**Legend:** **ED:** Emergency department. **SE:** Status epilepticus. **#:** Number too small to display due to confidentiality issues.