

Table 1 Incidence and prevalence of acute respiratory infection (ARI), by setting and type of infection

Disease	Population at risk (year) (reference)	Study design	Case definition as reported	Prevalence (%) or Incidence per 10 000 person-years (age, if available)	Rank (relative importance)
Inpatient					
Pneumonia	Riyadh, Saudi Arabia All patients at King Fahad National Guard Hospital (2013) (35)	Point prevalence survey	Community acquired pneumonia	Overall 30.3%; (43.4% 50+ y, 17.1% 40–49 y, 3.9% 30–39 y, 6.6% 20–29 y, 6.6% 10–19 y, 14.5% 1–9 y, 7.9% < 1 y)	2nd of 5
Inpatient & Outpatient					
RSV infection	Damanhour, Egypt Population-based surveillance of ARI in 3 hospital and 3 outpatient settings (2009–2012) (41)	Descriptive cross- sectional	RSV associated hospitalization RSV associated outpatient visits	2.4 ^a (174.5 ^a in children < 1 y) 60.8 ^b	
Outpatient					
ALRI	Bam, Islamic Republic of Iran Post-earthquake assessment of disease (2004) (36)	Descriptive cross- sectional	Lower respiratory tract infection	312 ^c	3rd
Surveillance					
ARI	Karachi, Pakistan Community surveillance in 4 peri-urban communities in Pakistan (2002/03) (37)	Cross sectional survey	Acute respiratory infection	4403 ^d	
ALRI			Pneumonia and severe pneumonia	821 ^e	
ARI	Sudan EWARS communicable disease weekly bulletin (2013/14) (38,39)		ARI	Range low to high: 239 to 848 ^f	1st
	West Darfur (38,39,69–72) North Darfur (38,39,69–72) Population of Oman (2013) (40)		ARI ARI ARI in < 5 year olds	759 to 1149 ^g 1206 to 1721 ^h 11200 ⁱ	1st 1st 1st
Influenza	Syrian Arab republic All governates. (2013) (73)		Report	Cases influenza reported by health facilities	30482 cases/month
	Yemen, national data (2013) (74)		Annual statistical health report	Cases of influenza	40602 cases/year

ALRI – acute lower respiratory infection; EWARS – early warning and response system; RSV – respiratory syncytial virus; y – years.

^aReported as 24 per 100 000 person-years and 1745 per 100 000 person-years. ^bReported as 608 per 100 000 person-years. ^cReported as 26 per 10 000 person-months. ^dReported as 440.3 per 1000 per year. ^eReported as 82.1 per 1000 per year. ^fReported as 4.6 to 16.3 per 10 000 per week. ^gReported as 14.6 to 22.1 per 10 000 per week. ^hReported as 23.2 to 33.1 per 10 000 per week. ⁱReported as 1120 episodes per 1000 per year.