

Table 2 Proportionate morbidity of ARIs relative to all other diseases, by setting and type of ARI

Disease	Population at risk (year) (reference)	Study design	Case definition as reported	Proportionate morbidity (age, if available)	Rank
<b>Inpatient</b>					
ARI	Rasht, Islamic Republic of Iran Children (1 m–14 y) hospitalized with an infectious disease (2014) (42)	Descriptive cross sectional study	ARI in children hospitalized for infectious disorders	40.1% (1 m–14 y)	1st
	Kabul, Afghanistan Patients attending paediatric emergency service (2002/03) (43)	Retrospective cohort	ARI, bronchial asthma, pleural effusion, lung abscess	20% (paediatric)	2nd
	Oman, national population annual health statistics report (2013) (40)	Annual statistical report	ARI	13%	
Pneumonia	Zahedan, Islamic Republic of Iran Patients > 65y admitted to hospital (75)	Cross sectional study: retrospective medical record review	Pneumonia	14.9% (> 65 y)	2nd
	Tunis, Tunisia All children admitted to hospital (2004–05) (44)	Retrospective descriptive study	X-ray-confirmed CAP	3.6% (children)	
<b>Outpatient and inpatient</b>					
ARI	Population of the West Bank (1995) (56)	Assessment report of burden of disease	Respiratory disease (including ARI)	36%	1st
	Population of Gaza (1995) (56)	Assessment report of burden of disease	Respiratory disease (including ARI)	14%	1st
<b>Outpatient</b>					
ARI	Sousse, Tunisia Patients of primary health care centres (2002/03) (76)	Cross sectional survey	Respiratory diseases	43%	1st
	Bam, Islamic Republic of Iran Evaluation of morbidity reports post-earthquake (2004) (77)	Review of medical records	Upper respiratory Pneumonia	12.7% 2.2%	1st of 8 8th of 8
	Tikrit, Iraq Children attending outpatient clinics (2004/05) (45)	Prospective observational study	ARI	44% (2–11 m; 52.2%)	
	Peshawar, Pakistan Children <5y in a rural community (2005/06) (78)	Cross-sectional study	ARI	27% (< 5 y)	1st
	Oman, National population Annual health statistics report (2013) (40)	Annual statistical report	ARI	26.5%	
<b>Community</b>					
ARI	Iraq Children <5y (2000) (46)	Multiple indicator cluster survey	ARI	6.9% (< 5 y)	
<b>Surveillance</b>					
ARI	Darfur, Sudan IDPs (2005) (79)	Report	ARI consultations	18.7%	
	Iraq Populations of 16 reporting sites (7 refugee camps and 9 IDP camps) (2015) (80)	Report	ARI	49%	1st
SARI	Syrian Arab Republic, national population (2015) (7)	Report	SARI	1.3%	5th
ILI	Syrian Arab Republic Population of 448 sentinel reporting sites (2015) (80)		ILI	54%	1st
			ILI	53%	1st

ARI = acute respiratory infection; CAP = community-acquired pneumonia; EWARS = early warning and response system; IDP = internally displaced person; ILI = influenza-like illness; SARI = severe acute respiratory infection.