Odds Ratio
Study or Subgroup IV, Random, 95\% C
9.1.1 Unspecified lower respiratory infection

| Arshad 1993 | $2.24[1.51,3.32]$ |
| :--- | ---: |
| Broor 2001 | $3.11[0.05,183.77]$ |
| Ekwo 1983 | $1.32[0.75,2.32]$ |
| Ferris 1985 | $1.69[1.46,1.96]$ |
| Forastiere 1992 | $1.21[0.99,1.48]$ |
| Koch 2003 | $1.66[1.12,2.47]$ |
| Marbury 1996 | $1.50[1.25,1.80]$ |
| Ogston 1985 | $2.68[1.41,5.10]$ |
| Ogston 1987 | $1.52[1.22,1.89]$ |
| Puig 2008 | $0.73[0.49,1.08]$ |
| Rantakallio 1978 | $1.89[1.55,2.30]$ |
| Rylander 1995 | $2.04[1.27,3.28]$ |
| Stern 1989 | $1.85[1.54,2.23]$ |
| Tager 1993 | $3.16[1.24,8.04]$ |
| Taylor 1987 | $1.63[1.35,1.97]$ |
| Woodward 1990 | $2.43[1.64,3.61]$ |
| Wright 1991 | $1.52[1.07,2.15]$ |
| Subtotal (95\% CI) | $1.64[1.46,1.84]$ |

Heterogeneity: Tau $^{2}=0.03 ;$ Chir $^{2}=42.18, d f=16(P=0.0004) ; r^{2}=62 \%$ Test for overall effect: $Z=8.26$ ( $P<0.00001$ )
9.1.2 Bronchitis

| Braback 2003 | $1.70[1.52,1.90]$ |
| :--- | ---: |
| Fergusson 1985 | $1.83[1.34,2.49]$ |
| Harlap 1974 | $1.43[1.17,1.75]$ |
| Lister 1998 | $0.91[0.56,1.47]$ |
| Mok 1982 | $1.26[0.83,1.92]$ |
| Subtotal (95\% CI) | $1.49[1.25,1.78]$ |

Heterogeneity: $\mathrm{Tau}^{2}=0.02 ; \mathrm{Chi}^{2}=9.59, \mathrm{df}=4(\mathrm{P}=0.05) ;{ }^{2}=58 \%$
Test for overall effect: $Z=4.38(P<0.0001)$
9.1.3 Bronchiolitis

Gurkan $2000 \quad 3.60$ [0.71, 18.24]
McConnochie $1986 \quad 2.33$ [1.19, 4.57]
Noakes $2007 \quad 2.43$ [0.64, 9.26]
Reese $1992 \quad 2.43$ [0.64, 9.26]
Sims $1978 \quad 2.65[0.99,7.12]$
Subtotal ( $95 \% \mathrm{CI}$ ) $\quad 2.51[1.58,3.97]$
Heterogeneity: $\mathrm{Tau}^{2}=0.00 ; \mathrm{Chi}^{2}=0.25, \mathrm{df}=4(\mathrm{P}=0.99) ; \mathrm{I}^{2}=0 \%$
Test for overall effect: $Z=3.91$ ( $P<0.0001$ )
9.1.4 Pneumonia

| Victora 1994 | $1.02[0.80,1.30]$ |
| :--- | ---: |
| Subtotal (95\% CI) | $\mathbf{1 . 0 2}[0.80,1.30]$ |

Heterogeneity: Not applicable
Test for overall effect: $Z=0.16$ ( $P=0.87$ )
9.1.5 Acute respiratory infection

| Blizzard 2003 | $1.74[1.27,2.38]$ |
| :--- | :--- |
| Kristensen 2006 | $1.38[0.87,2.18]$ |
| Weber 1999 | $0.97[0.21,4.38]$ |
| Subtotal $(95 \% \mathrm{CI})$ | $\mathbf{1 . 5 9}[1.23,2.05]$ |

Heterogeneity: $\mathrm{Tau}^{2}=0.00 ; \mathrm{Chi}^{2}=1.10, \mathrm{df}=2(\mathrm{P}=0.58) ; \mathrm{I}^{2}=0 \%$
Test for overall effect: $Z=3.58(P=0.0003)$

Total (95\% CI)
1.58 [1.45, 1.73]

Heterogeneity: Tau $^{2}=0.03 ; \mathrm{Chi}^{2}=70.12, \mathrm{df}=30(\mathrm{P}<0.0001) ; \mathrm{I}^{2}=57 \%$ Test for overall effect: $Z=9.95$ ( $\mathrm{P}<0.00001$ )
Test for subgroup differences: $\mathrm{Chi}^{2}=17.00, \mathrm{df}=4(\mathrm{P}=0.002), \mathrm{I}^{2}=76.5 \%$

Odds Ratio
IV, Random, 95\% Cl


