

Recurrent viral induced wheezing

debate on controller

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Burden of preschool wheezing

- Population base study in UK (Leicestershire, UK)

	1990 (N = 1264)	1998 (N=2127)	Odds ratio	p
wheeze ever	199 (16%)	615 (29%)	2.19 (1.83-2.62)	<0.01
wheeze past year (any)	156 (12%)	540 (25%)	2.43 (2.00-2.96)	<0.01
wheeze in past year				
none	1108 (88%)	587 (75%)		
1-2	74 (6%)	257 (12%)	2.43 (1.85-3.19)	<0.01
3-5	48 (4%)	163 (8%)	2.39 (1.71-3.32)	<0.01
6-10	22 (2%)	72 (3%)	2.27 (1.40-3.69)	<0.01
10-20	12 (1%)	48 (2%)	2.79 (1.47-5.28)	<0.01

25% of all children < 6 years still wheezing

13% have persistent wheezing

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Wheezing disorder				
No wheeze	1082 (86%)	498 (71%)		
Viral wheeze	110 (9%)	406 (19%)	2.66 (2.12-3.33)	<0.01
Multiple wheeze	72 (6%)	205 (10%)	2.08 (1.57-2.75)	< 0.01



Burden of preschool wheezing

- Survey in Hat-Yai municipality, Songkhla, Thailand (2007-2008)
- **1,692 children** age 1-5 years

18% of children still wheezing

8.7 % have persistent wheezing

Natural History of wheezing

