

10. CELL TURNOVER TIME IN THE RESPIRATORY TRACT OF ANIMALS (refs. 66, pp. 878-9; 67, p. 533; 68A, p. 27; 85, p. 145; 304A, pp. 125-41; 753, pp. 1045-6)

Estimates of cell turnover times for the tissues of the human respiratory tract have not been found. Widely differing estimates have been reported for rats and mice. A few references and ranges of values are listed, but these ranges may include estimates from several references and by different techniques.

	Mouse (d)	Rat (d)		Mouse (d)	Rat (d)
Trachea	8-267	33-111	Intermediate bronchus		167
Bronchus	33-174	27-33	Bronchiole	7-59	200
Large bronchus	8-42	84	Alveolar cells:		
Small bronchus	33-282	167	Vacuolated	21	29
Main bronchus	19	126	Nonvacuolated	7	89
			Alveolar microphage	50	