

Supporting information for Murray (January 29, 2002) *Proc. Natl. Acad. Sci. USA*, 10.1073/pnas.022618299.

**Table 3. Summary of parameters and parameter values used in tuberculosis transmission model**

<b>Variable definition</b>	<b>Age, years</b>	<b>Value(s)</b>	<b>Ref. no.</b>
Annual age-specific risk of developing primary disease within 1 year of infection	0–10	0.025	1–5
	11–20	0.056	
	>20	0.086	
Annual risk of developing primary disease within 1 year of infection in the HIV-infected		0.25	6–9
Age-specific protective effect of previous infection in preventing reinfection	0–10	0.16	2, 3
	11–20	0.24	
	>20	0.41	
Annual age-specific risk of reactivation disease	0–10	9.80E-08	1–5, 10
	11–20	0.015	
	>20	0.03	
Annual risk of reactivation disease in the HIV-infected		0.12	6–9, 11
Age-specific proportion of active cases that are pulmonary	0–10	0.6	10
	11–20	0.5	
	>20	0.35	

1. Dye, C., Scheele, S., Dolin, P., Pathania, V. & Raviglione, M. C. (1999) *J. Am. Med. Assoc.* **282**, 677-678
2. Vynnycky, E. & Fine, P. E. (1997) *Epidemiol Infect.* **119**, 183-201.
3. Vynnycky, E. & Fine, P. E. (1999) *Int. J. Epidemiol.* **2**, 327-334.
4. Sutherland, I. (1968) *TSRU Progress Report* [Royal Netherlands Tuberculosis Association (KNCV), The Hague, The Netherlands].
5. Sutherland, I., Svandova, E. & Radhakrishna, S. (1982) *Tubercle* **63**, 255-268.
6. Daley, C., Small, P., Schecter, G., *et al.* (1992) *N. Engl. J. Med.* **326**, 231-325

7. Coronado, V., Beck-Segue, C., Hutton, M., *et al.* (1993) *J. Infect. Dis.* **68**, 1052-1055.
8. Ryder, R. W., Batter, V., Kaseka, N., Behets, F., Sequeira, F., M'Boly, E., Kanda, M., Tshimbe, M. & Morgan, M. (2000) *AIDS Patient Care STDS* **14**, 297-304
9. Woods, R., Maartens, G. & Lombard, C. J. (2000) *J. Acquir. Immune Defic. Syndr.* **23**, 75-80.
10. Styblo, K. (1991 ) *The Epidemiology of Tuberculosis* [Royal Netherlands Tuberculosis Association (KNCV), The Hague, The Netherlands].
11. Churchyard, G. J., Kleinschmidt, T., Corbett, L. L., Mulder, D. & DeCock, K. L. (1999) *Int. J. Tuberc. Lung Dis.* **3**, 791-798.