

Appendix 2: Data Dictionary and Full- Text Exclusion Reasons

Appendix 2.2 Reason for exclusion at full-text screening phase

Exclusion Reason	Number of Studies Excluded
No relevant outcome data/rates	425
Non-English Study	310
Data less than 18 months	231
Duplicate	129
Review	90
Developing country prior to 1990	82
Other (Math model/Graph difficult to read/vaccination study without control/human challenge)	54
Study duration Not Stated	47
Full text not found-exhausted all methods	25
Not Peer-Reviewed	20
Special populations i.e. Travellers, Military groups, Cancer, HIV positive groups, Sickle Cell Anemia groups, Outbreaks	16
Purely antimicrobial resistance reporting	13
Clinical case study/series	11
Carrier Study	10
Excluded during synthesis	296
Total Excluded	1759