Studies from databases/registers **(n = 4410)**

PubMed (n = 2305)

Web of Science (n = 2105)

**Identification**

Duplicates removed **(n = 1256)**

Studies excluded **(n = 2932)**

Studies screened **(n = 3154)**

Studies not retrieved **(n = 0)**

Studies assessed for eligibility **(n = 221)**

Studies sought for retrieval **(n = 221)**

Studies excluded **(n = 179)**

Duplicate (n = 17)

Not in English (n = 9)

Full text not found (n = 2)

Not peer-reviewed paper (n = 32)

Wrong pathogen or pathogen epidemiology or transmission not main focus (n = 22)

Reports metrics from other papers (not original estimates of primary data) (n = 42)

Case report or case study (i.e. reports on less than 10 cases, but this threshold can be pathogen-dependent) (n = 6)

No report of parameters (including seroprevalence and other measures of interest) or transmission models or historical outbreaks (n = 49)

**Screening**

**Included**

Studies included in review **(n = 42)**