**Identification of studies via databases and registers**

**Identification of data via other methods**

Records identified (n = 3)

Open-access online datasets (n = 2)

Study identified via expert recommendation (n = 1)

Records identified (n = 9157):

EMBASE (n = 804)

MEDLINE (n = 602)

Web of Science (n = 569)

CNKI (n = 1710)

WANFANG DATA (n = 1886)

ChongQing VIP (n = 1817)

SinoMed (n = 1769)

Duplicated records removed before screening

(n = 3268)

**Identification**

Records screened (n = 5889)

Records not related to RSV seasonality excluded

(n = 4645)

Reports not retrieved

(n = 6)

Reports sought for retrieval

(n = 1244)

**Screening**

Reports assessed for eligibility

(n = 1238)

Reports excluded (n = 1082):

No RSV data (n = 157)

Data covering less than 12 consecutive months before the year 2020 (n = 72)

No aggregated cases by month or week (n = 554)

RSV positive cases <25 (n = 114)

Specific population (n = 33)

Duplicate data (n = 39)

Meeting abstract or review (n = 44)

Virus confirmed solely by serological tests (n = 39)

Ineligible study sites (n = 22)

No extractable RSV seasonality data (n = 7)

No RSV data before the year 2020 (n = 1)

Studies eligible (n = 156)

Studies or datasets included in review (n = 159)

Studies (n=157)

Open-access online datasets (n=2)

**Included**