

All references
No. of Studies = 1,450

Duplicate references excluded, No. of Studies = 844

Unique references
No. of Studies = 606

References excluded based on title and abstract, No. of Studies = 517

Full text evaluated
No. of Studies = 89

Studies not eligible, No. of Studies = 67:
- Incorrect study design, No. of Studies = 12
- B12 not measured in pregnancy, No. of Studies = 18
- Outcomes of interest not available, No. of Studies = 7
- Population of diseased women, No. of Studies = 5
- Population size <50, No. of Studies = 3
- Newer or more complete report included, No. of Studies = 13
- Studies published before 1998, No. of Studies = 9

Eligible studies
No. of Studies = 22
No. of Pregnancies = 11,993

Studies not included, No. of Studies = 4, No. of Pregnancies = 777

Studies included
No. of Studies = 18
No. of Pregnancies = 11,216

IPD
No. of Studies = 10
No. of Pregnancies = 8,928

Reanalysed data
No. of Studies = 2
No. of Pregnancies = 973

Data abstracted from
published reports
No. of Studies = 6
No. of Pregnancies = 1,315