

Identification

Records identified through
database searching
(n = 406)

Additional records identified
through other sources
(n = 0)

Screening

Records after duplicates removed
(n = 400)

Records screened
(n = 400)

Records excluded
(n = 353)

Eligibility

Full-text articles assessed
for eligibility
(n = 47)

Full-text articles excluded
(letters, ecological, cross-
section and plasma
vitamin D level measured
more than a year ago
(n = 30)

Included

Studies included in
qualitative synthesis
(n = 17)

Studies included in
quantitative synthesis
(meta-analysis)
(n = 16)