

SUPPLEMENTARY MATERIAL

PEER-REVIEWED LITERATURE SEARCH

The search strategies were as follows: results included Search 1 and Search 2 (combined using ‘AND’), with publications dated between January 1, 2000, and January 15, 2024.

Searches were conducted on January 15, 2024.

Search Strategy on Web of Science

Search 1: Cannabis Use

TS= (marijuana OR marihuana OR cannabis OR cannabinoid)

Search 2: Prevalence

TS= (prevalen* OR epidemi* OR consum* OR use* OR “use disorder”)

Search Strategy on PubMed

Search 1: Cannabis Use

(marijuana[Title/Abstract]) OR (marihuana[Title/Abstract]) OR (cannabis[Title/Abstract]) OR (cannabinoid[Title/Abstract]) OR (marijuana use[MeSH Terms]) OR (cannabis[MeSH Terms])

Search 2: Prevalence

(prevalen*[Title/Abstract]) OR (epidemi*[Title/Abstract]) OR (consum*[Title/Abstract]) OR (use*[Title/Abstract]) OR (“use disorder”[Title/Abstract]) OR (prevalence[MeSH Terms]) OR (epidemics[MeSH Terms]) OR (epidemiology[MeSH Terms])

Search Strategy on Scopus

Search 1: Cannabis Use

TITLE-ABS-KEY(marijuana) OR TITLE-ABS-KEY(marihuana) OR TITLE-ABS-KEY(cannabis) OR TITLE-ABS-KEY(cannabinoid)

Search 2: Prevalence

TITLE-ABS-KEY(prevalen*) OR TITLE-ABS-KEY(epidemi*) OR TITLE-ABS-KEY(consum*) OR TITLE-ABS-KEY(use*) OR TITLE-ABS-KEY(“use disorder”)

Search Strategy on Embase

Search 1: Cannabis Use

marijuana:ti,ab,kw OR marihuana:ti,ab,kw OR cannabis:ti,ab,kw OR cannabinoid:ti,ab,kw

Search 2: Prevalence

prevalent:ti,ab,kw OR prevalence:ti,ab,kw OR prevalency:ti,ab,kw OR prevalently:ti,ab,kw OR epidemic:ti,ab,kw OR epidemics:ti,ab,kw OR epidemiology:ti,ab,kw OR epidemiological:ti,ab,kw OR consume:ti,ab,kw OR consumer:ti,ab,kw OR consumption:ti,ab,kw OR use:ti,ab,kw OR user:ti,ab,kw OR usage:ti,ab,kw OR “use disorder”:ti,ab,kw

Search Strategy on Cochrane Library

Search 1: Cannabis Use

(marijuana):ti,ab,kw OR (marihuana):ti,ab,kw OR (cannabis):ti,ab,kw OR (cannabinoid):ti,ab,kw

Search 2: Prevalence

(prevalent):ti,ab,kw OR (prevalence):ti,ab,kw OR (prevalency):ti,ab,kw OR (prevalently):ti,ab,kw OR (epidemic):ti,ab,kw OR (epidemics):ti,ab,kw OR (epidemiology):ti,ab,kw OR (epidemiological):ti,ab,kw OR (consume):ti,ab,kw OR (consumer):ti,ab,kw OR (consumption):ti,ab,kw OR (use):ti,ab,kw OR (user):ti,ab,kw OR (usage):ti,ab,kw OR (use disorder):ti,ab,kw

EXCLUSION CRITERIA

Studies were excluded if they met any of the following criteria: lack of data on the prevalence of cannabis use; non-population-based studies (e.g., chemical or animal experiments); non-original studies (e.g., reviews or editorials); non-English studies; and studies without full-text access.

JOANNA BRIGGS INSTITUTE (JBI) CHECKLIST FOR PREVALENCE STUDIES

The checklists include the following criteria: an appropriate sampling frame for addressing the target population; adequately sampled study participants; sufficient sample size; detailed descriptions of study subjects and settings; comprehensive data analysis covering the identified sample; valid methods for condition identification; standardized and reliable condition measurement for all participants; appropriate statistical analysis; and adequate response rate management, including appropriate handling of low response rates.

SELECTION CRITERIA

The representative study selection criteria were the following: prioritizing geographic coverage, prioritizing studies with participants who had used cannabis in the past month, and prioritizing studies with longer durations and larger sample sizes when multiple studies reported the prevalence of cannabis use within a country.