

Supplementary Table S1. Full Electronic Search Strategies

Searches combined three concept blocks (population, exposure, outcome) using database-specific controlled vocabulary and free-text terms. Limits applied: English language; publication date 2010/01/01 to 2021/04/30.

Note to author team: the strings below are written to be executed as given. The "Records retrieved" column must be completed from the search logs or by re-running each string and recording the yield on the date of execution. Do not report yields that have not been observed.

1. PubMed/MEDLINE

```
((adolescen*[tiab] OR teen*[tiab] OR youth[tiab] OR "young adult"[tiab] OR student*[tiab] OR "Adolescent"[Mesh] OR "Young Adult"[Mesh])
AND
("social media"[tiab] OR "social networking"[tiab] OR "social network site"[tiab] OR
"SNS"[tiab] OR Instagram[tiab] OR TikTok[tiab] OR Facebook[tiab] OR
Snapchat[tiab] OR
YouTube[tiab] OR "Social Media"[Mesh] OR "Social Networking"[Mesh])
AND
(depress*[tiab] OR anxiet*[tiab] OR anxious[tiab] OR "internalizing symptom"[tiab] OR
"Depression"[Mesh] OR "Depressive Disorder"[Mesh] OR "Anxiety"[Mesh] OR
"Anxiety Disorders"[Mesh]))
AND (english[Filter]) AND (2010/01/01:2021/04/30[pdat])
```

2. PsycINFO (EBSCOhost)

```
( TI(adolescen* OR teen* OR youth OR "young adult*" OR student*) OR
AB(adolescen* OR teen* OR youth OR "young adult*" OR student*) OR
DE("Adolescent Development" OR "Emerging Adulthood") )
AND
( TI("social media" OR "social networking" OR "social network site*" OR
Instagram OR
TikTok OR Facebook OR Snapchat OR YouTube) OR
AB("social media" OR "social networking" OR "social network site*" OR
Instagram OR
TikTok OR Facebook OR Snapchat OR YouTube) OR
DE("Social Media" OR "Online Social Networks") )
AND
( TI(depress* OR anxiet* OR anxious) OR AB(depress* OR anxiet* OR anxious) OR
DE("Major Depression" OR "Depression (Emotion)" OR "Anxiety" OR "Anxiety Disorders") )
```

Limiters: Publication Year 2010-2021; Language: English; Peer Reviewed

3. Web of Science (Core Collection)

```
TS=(adolescen* OR teen* OR youth OR "young adult*" OR student*)
AND
TS=("social media" OR "social networking" OR "social network site*" OR
Instagram OR
TikTok OR Facebook OR Snapchat OR YouTube)
AND
TS=(depress* OR anxiet* OR anxious OR "internalizing symptom*")
```

Refined by: Languages = ENGLISH; Publication Years = 2010-2021;
Document Types = ARTICLE

4. Scopus

```
( TITLE-ABS-KEY ( adolescen* OR teen* OR youth OR "young adult*" OR student*
) )
AND
( TITLE-ABS-KEY ( "social media" OR "social networking" OR "social network
site*" OR
Instagram OR TikTok OR Facebook OR Snapchat OR YouTube ) )
AND
( TITLE-ABS-KEY ( depress* OR anxiet* OR anxious OR "internalizing symptom*"
) )
AND ( LIMIT-TO ( LANGUAGE , "English" ) )
AND ( PUBYEAR > 2009 AND PUBYEAR < 2022 )
AND ( LIMIT-TO ( DOCTYPE , "ar" ) )
```

5. Supplementary sources

Google Scholar. Query: adolescent OR "young adult" "social media" depression anxiety, restricted to 2010-2021, first 200 results by relevance screened.

Citation chaining. Backward and forward citation searching of four a priori anchor reviews: Shannon et al. (2022), Fassi et al. (2024), Saleem et al. (2024), Ahmed et al. (2024).

Deduplication

Records were exported to a reference manager, deduplicated automatically, and checked manually for residual duplicates.