

Online Resource 4:

PRISMA flow diagram of searches and screening

Article title: Ethnic inequalities in the incidence of diagnosis of severe mental illness in England: A systematic review and new meta-analyses for non-affective and affective psychoses

Journal name: Social Psychiatry and Psychiatric Epidemiology

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Records identified through searches for specific outcomes (MEDLINE;
Embase; PsycINFO; CINAHL; DARE;
NHS Evidence):

Prevalence/incidence search (n = 2,332)

Pathways search (n = 922)
Intervention search (n = 1,279)
Inequalities search (n = 290)

Records identified through general search for ethnicity and mental health:

Cochrane Database of Reviews (n = 28)
King's Fund reference lists (n = 299)
The Campbell Collaboration Library (n = 32)
NIHR Journals Library/Policy Research Programme (n = 39)

PROSPERO protocols
(n = 18)

Records after duplicates removed
(n = 4,021)

Records excluded on T&A
(n = 3,667)

Checking of reference lists of
included reviews (n = 9)

Forward citation searching of
included reviews in Google Scholar
(n = 12)

Records considered for full text screening
(n = 375)

Records excluded on full text, with
reasons (n = 309)

Not a systematic review (n=181)
Not ethnicity (n=66)
Not UK (n=25)
Not published (protocol) (n=16)
Not UK or ethnicity (n=8)
Separate UK and ethnicity data, but no
UK data by ethnicity (n=6)
Wrong publication type (n=4)
Not mental health (n=3)

Included systematic reviews (n = 66)

Prevalence/Incidence (n = 30)

Pathways to care (n = 26)
Innovations/interventions (n = 10)

Meta-analytic reviews on the incidence of psychoses (n = 8, including
24 primary papers with relevant and unique data for refined meta-
analyses on ethnicity and non-affective or affective psychoses)

Records identified through searches of primary literature with relevant
data on the diagnostic incidence of psychoses by ethnicity,
publication date 2010-2018 (MEDLINE, Embase, PsycInfo)

Combined and de-duplicated (n = 6,573)

Records excluded on T&A
(n = 6,378)

Records considered for full
text screening (n = 195)

Expert consultation (n = 0)

Records excluded on full text,
with reasons (n = 191)

Not peer-reviewed primary study article (n=70)
No diagnostic data by ethnicity (n=34)
No original incidence data (n=18)
No relevant data on psychoses (n=17)
Not sufficiently separated by psychosis types (n=17)
Not England (n=10)
Insufficient data by specific ethnic groups (n=8)
No relevant denominator data (n=7)
Unclear sample proportion of new cases (n=5)
No relevant reference group (n=4)
No diagnostic data by country (England) (n=1)

Primary papers with relevant and unique
data for meta-analyses (n = 4)

**Combined with primary papers from
previous meta-analytic reviews (n = 28)**