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**Protocol for SCIE systematic review on the  
prevalence, incidence and detection of parental  
mental health problems**

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**January 2007**

**Working Paper No.  
SCIE 2195**

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## Abbreviations

SCIE – Social Care Institute for Excellence  
CRD – Centre for Reviews and Dissemination, University of York  
ERIC – Education Resources Information Center  
MHPs – Mental health problems  
PMHPs – Parents with mental health problems.

## Potential conflicts of interest

None known for review team.  
Both specialist advisers have written in this area.

## Background

The Social Care Institute for Excellence (SCIE) is carrying out a project with the aim of publishing practice guidelines for local authority and health services about the planning, delivery and evaluation of services to support parents with mental health problems (PMHPs) and their children. This project arose from a Social Exclusion Unit report 'which identified parents with MHPs and their children as one of the four groups most likely to face barriers to getting their health and social needs addressed' (SCIE Commissioning Brief, 2006: 1). The work is being done in partnership with the National Institute for Clinical Excellence (NICE), the National Collaborating Centre for Mental Health, and SCIE's Parental Mental Health and Child Welfare Network.

With a view to including systematic reviews of the research evidence as part of this project, SCIE, with consultancy from the Evidence for Policy and Practice Information and Coordinating (EPPI) Centre, completed a 'systematic map' of English language research literature on parental mental health problems published between 1985 and May 2005 inclusive (Bates and Coren, 2006). The searching and selection criteria for the map were designed to identify material about the extent and impact on the family of parental mental health problems, and the accessibility, acceptability and effectiveness of available and potential service interventions for PMHPs. The mapping exercise did not involve any appraisal of the quality of the material identified, data extraction or synthesis of findings. However, material identified in the searches carried out for map development was screened for relevance by the mapping team, and was assigned key words related to, for example, the groups covered, the nature of the service intervention, the professionals involved, the setting and so on.

In autumn 2006, SCIE commissioned two systematic research reviews from the University of York, under its 'registered providers' agreement (SCIE, 2006).

- **The first review** concerns the prevalence, incidence, detection of and screening for PMHPs. It will examine what is known about the numbers of PMHPs and how parents, children and families with support needs can be identified. This will cover not just those parents with an 'official' diagnosis but also those parents who do

not necessarily come to the attention of primary health services or specialist mental health services.

- **The second review** concerns access to, acceptability and outcomes of services/interventions to support PMHPs, their children and families. It will show what is known about access to and acceptability of services and interventions available to support parents, children and families and how these influence outcomes.

Both reviews will use the systematic map referred to above. In addition, the original searches will be re-run to bring the searching up to date, and limited new searches will identify additional sources of evidence.

This protocol describes the processes for the review on prevalence, incidence, detection of, and screening for PMHPs. There is a separate protocol for the second review, on evidence with regard to access to, acceptability of and impact of services/interventions to support PMHPs, their children and families (Beresford and Parker, 2007).

For ease of reading, and in order to keep to the SCIE Framework for protocols for systematic reviews (Coren and Fisher, 2006) definitions and discussions of key terms and concepts are located in endnotes.

Central to the overall project, and to the work described in this protocol, are issues of equality and diversity and the involvement of PMHPs, their family members (including children and young people), and others who provide them with informal support. A particular concern is the need to attend to the strength of evidence about marginalised families and those from black and minority ethnic populations. SCIE's advisory group for the overall project includes service users and carers and this group will comment on and inform the review at crucial stages in its development and progress.

## **Research and policy background**

The research and policy background to the overall project was outlined in the commissioning brief for these reviews and we will not repeat the detail here.

Research shows a strong link between parental mental health problems and outcomes for those parents, their children and other members of their family (see, for example, Beardslee et al., 1984; Lapalme et al., 1997; McMahon et al., 2002; Kane and Garber, 2004). However, it is also clear that factors act to ameliorate or exacerbate poor outcomes. Some of these factors are inherent to the individual, for example, the type of mental health problem, age, sex, and additional health problems. Others are socially learned – for example coping and parenting skills – or socially constructed or created – for example, ethnicity, marital status, social exclusion, discrimination and disability. Still others are the services/interventions or features of service systems that parents, children and families encounter. (See Elgar et al., 2004, for an overview of the biological, psychological and social factors that may play a part.)

The evidence base about the impact of parental mental health problems is relatively large. Similarly, understanding about the interactions between inherent and socially learned, constructed or created factors and outcomes is growing, particularly as sophisticated statistical methods begin to be applied to large scale data sets (for example, Eamon and Zuehl, 2001; Targosz et al., 2003; Eley et al., 2004). By contrast, there is a relative paucity of evidence on the numbers and proportion of parents who experience mental health problems, and on the ways in which interventions and services that encounter parents, children and families can detect or facilitate the reporting of PMHPs. The review described here will address these issues.

There are other systematic reviews in the general area of PMHPs but none duplicates the exact focus required for this SCIE review. For example, NICE is currently consulting on national clinical management and service guidance on antenatal and postnatal mental health, with the expectation that this will be published in February 2007. The guidance draws on two systematic reviews – one of clinical literature and one of health economics literature. Based on the first of these, the draft guidance reports on the incidence, prevalence prediction and detection of perinatal disorders (defined as during pregnancy and the first postnatal year). The SCIE review specifically excludes perinatal mental health problems, although the draft NICE document does suggest that ‘aspects of the guidance may be considered appropriate to the mental healthcare of mothers of young children over one-year-old’ (APMH: full guideline DRAFT, July 2006: 42, accessed at <http://www.nice.org.uk/page.aspx?o=340580>).

As would be usual in any systematic review, we will check the reference lists of other identified systematic reviews, pertinent to the current topic, for relevant material not already identified in the systematic map or by our additional searches. Further, we will deal with all systematic reviews screened as relevant for the review (see below) in the same way as any other material identified.

## Objectives

The overall objectives of the two reviews are:

- to review and present research evidence which will inform practice guidelines on how health and local authority services should plan, deliver and evaluate their provision to support parents with mental health problems and their children
- to identify gaps in knowledge and evaluate the strength of the existing evidence base, both overall and, specifically, with respect to marginalised families and black and ethnic minority families.

The SCIE commissioning brief and subsequent discussion with the York research team identified the following specific research questions for this review:

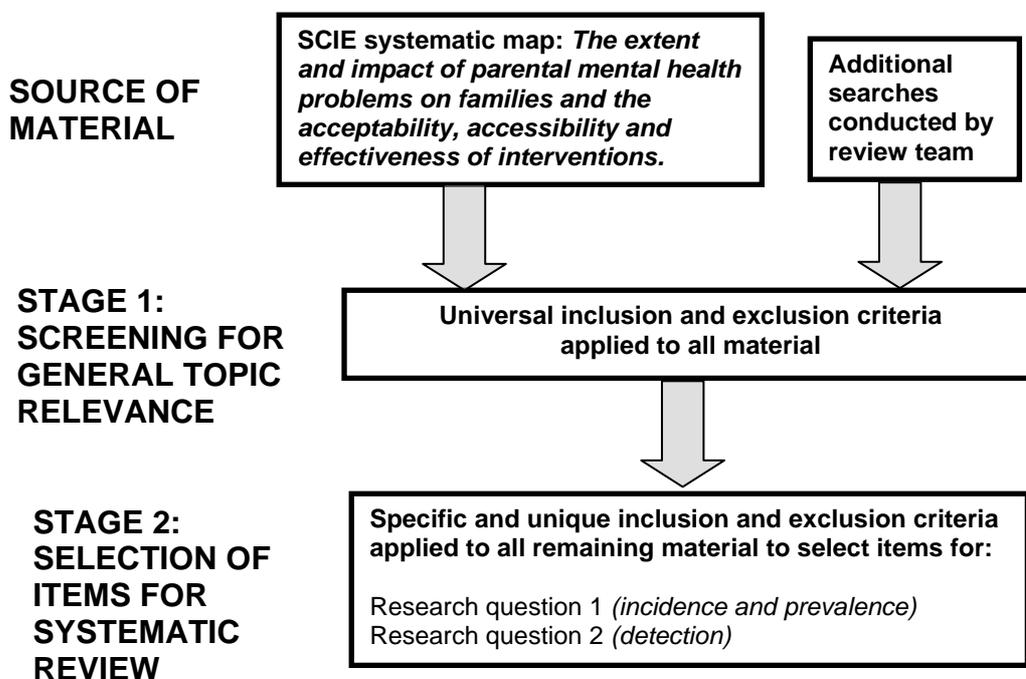
1. What is known about the incidence<sup>i</sup> and prevalence<sup>ii</sup> and types of parental mental health problems<sup>iii</sup> in the UK? What does this evidence tell us about both total populations of parents<sup>iv</sup> and children<sup>v</sup> and, where data are available, for population sub-groups<sup>vi</sup>?

2. What systems, tools and opportunities exist in children’s services, adults’ services and family services for detecting<sup>vii</sup> parental mental health problems in the UK and elsewhere? How are they used, by whom, and in which contexts?

## Criteria for inclusion of studies in the review

A two stage process will be used to identify studies for inclusion in the review. The first stage screens material for general topic relevance relating to prevalence/incidence and detection/identification. For the second stage (selection for inclusion in the review), we will use criteria specific to the two research questions to determine whether material is included or excluded (see Figure 1). The process of screening and selecting material is described in a later section (pp 9-10).

**Figure 1: The screening and selection process**



The inclusion and exclusion criteria for both screening and selection are driven predominantly by the aims of the review and those criteria used in the generation of the systematic map. In addition, we have added some criteria for exclusion based on research design, namely:

- material based on *single* case studies of individuals or opinion pieces (screening stage)
- material that is wholly descriptive (of, say, a model of care) where there is no evidence of either qualitative or quantitative structured enquiry being used<sup>viii</sup> (screening stage)
- PhD studies, unless subsequently published in some form (selection stage). The initial screening exercise that SCIE asked us to carry out (see p 8) has identified

PhDs that are of potential relevance to the review. However, the timetable for the review does not allow us to read all of these to make judgements about their quality. We will thus take the pragmatic view that subsequent publication of the work from a PhD suggests that the PhD was of reasonable quality and therefore should be included in the review when it also meets other inclusion criteria. We will identify publications from PhDs by a combination of author and forward citation searches.

All material, both that in the systematic map and that identified through our subsequent searching (see below) will be subject to the same screening and selection processes and criteria.

### **Stage one: screening for relevance**

#### *Inclusion criteria*

- Parents with mental health problems/ the mental health of parents and
- Prevalence or incidence or detection or screening or reporting or self-reporting.

#### *Exclusion criteria*

- Not based on structured enquiry
- Case study based on a single case
- Opinion piece
- Published before 1985
- Not English language.

### **Stage two: selecting for inclusion in the systematic review**

#### **Question 1**

To identify, extract and synthesise research evidence on the incidence, prevalence and types of parental mental health problems in the UK. This evidence should be for both total populations of parents and children and for population sub-groups (where data are available).

#### *Inclusion criteria*

- Prevalence/incidence of mental health problems in total populations or total sub-populations of parents
- Prevalence/incidence of parents in total populations or total sub-populations of people with mental health problems
- Prevalence/incidence of parental mental health problems in total populations or total sub-populations of children<sup>ix</sup>
- All study types.

#### *Exclusion criteria*

- Not UK data
- Prevalence/incidence of mental health problems among parents of children who are, because of their own needs, difficulties or symptoms, using non-universal services (e.g children attending behaviour disorder clinic<sup>x</sup>).

- PhD, unless subsequently published.

### **Question 2**

To identify the range of systems, tools and opportunities in place in children's services, adults' services and family services in the UK and elsewhere for detecting parental mental health problems and describe how they are used, by whom and in which contexts.

#### *Inclusion criteria*

- Method or tool for detecting, screening, reporting, self-reporting for parental mental health problems AND its use in a service setting
- Identification of parenting status among adult mental health service users
- Aspects of service organisation or delivery aimed at detecting, screening for or reporting/self-reporting parental mental health problems
- Factors that enhance detection, screening or reporting/self-reporting
- Factors that impede detection, screening or reporting/self reporting
- Any setting or service
- UK and non-UK
- All study types.

#### *Exclusion criteria*

- Test of psychometric properties of method or tool for detecting or screening for parental mental health problems without evidence of application in a 'real-life' setting
- PhD, unless subsequently published.

## **Searching**

The SCIE team devised search strategies for the systematic mapping before our team became involved (see Appendices 1 and 2, taken directly from Bates and Coren, 2006).

The searches for the systematic map (Bates and Coren, 2006) were run in May 2005 and will need to be updated by us for the purposes of the review. We will use the same strategies on the same databases, where this is possible. These searches will go back to January 2005, to avoid any possible gaps caused by lags in entering reports onto electronic databases. The updating searches will be run in January and February 2007. Although we will endeavour to use the same search strategies this may not always be possible if thesaurus terms have changed or, as in the case of CareData, the database has been replaced. Our CRD colleague will help us to identify and deal with such changes.

New material identified in this way will be key worded, once the review process is complete, using the strategies used in the original exercise, to ensure continuity with the original map.

We will also carry out some focussed, additional searches, both electronic and otherwise. All these additional searches will be confined to material published in the

English language since 1985, in order to maintain consistency with the systematic map. All additional searches will be up to February 2007.

1. Additional searching will aim to identify high quality epidemiological evidence about the prevalence and incidence of adult mental health problems in the UK, with a particular emphasis on understanding the prevalence of particular conditions. This will allow us to place into context the relatively limited number of studies that identify *parents* with mental health problems and to make some judgement about the extent to which the research literature on PMHPs concentrates on more or less prevalent sub-groups of mental health problems.
2. The second additional set of searches will focus on identifying information on educational settings as a place where detection of PMHPs might take place. We will run or adapt the search strategy that was used for the ERIC electronic database on the Australian and British Education Indexes, which were not included in the systematic mapping exercise; initial experimentation with these databases suggest that they do contain relevant material that is not identified in ERIC. We will also contact experts in educational service delivery and organisation research to establish where there are other, possibly non-electronic, sources that we should explore.
3. The third additional set of searches will focus on service settings outside health, social care and education where PMHPs or children with PMHPs might be detected or screened. The systematic map has identified very few studies of these settings, and where they are reported they are rarely the main focus of the report but part of a wider intervention programme. We will carry out web searches and will contact experts in the field of social security, employment services and housing to judge whether there are other sources of evidence that we should be considering. We will also attempt to access outputs from both the national and local evaluations of Sure Start to identify any specialist services provided by this (and its successor) route.
4. We will search conference proceedings and international and national research registers (for example, National Research Register, Research Findings Electronic Register, National Research Register for Social Care) to identify ongoing or recently completed research. Researchers will be contacted for further details about the research and any as yet unpublished results. Members of SCIE's Parental Mental Health and Child Welfare Network will forward information about on-going studies that they are aware of to the York research team.
5. We will use web searches to identify resources that may contain material generated by user-led enquiry.
6. We will follow up potentially relevant references from studies included in the review (including review articles and systematic reviews), hand search the largest single source of material included in the review, and, towards the end of the review period, carry out forward citation searches for all studies included.

All additional electronic searches will be developed and tested in conjunction with our CRD colleague, and both electronic and other search strategies will be documented in the technical report.

All additional material identified for screening will be logged in EPPI Reviewer (see below).

## **User/stakeholder involvement**

These reviews are being conducted as part of the wider SCIE project on parental mental health problems. This project has its own advisory structure, the membership of which includes service users and carers, as well as practitioners and senior managers from a range of services. SCIE has indicated that it wishes the reviews to use this structure rather than establish an additional advisory group.

In addition, we intend to use two specialist advisers to the York research team. One, Dr Harriet Clarke is a researcher in the field of PMHPs, particularly in relation to parenting, as well as having relevant personal experience. The other will be an epidemiologist with a specialist interest in mental health issues. (We are currently waiting for confirmation of involvement of the epidemiologist).

## **Screening of studies<sup>1</sup>**

### **Screening for general topic relevance**

The systematic map being used for this review was created on the basis of a broader frame of reference than the review described in this protocol. As a result, not all items in the map are relevant. As recommended by SCIE, we took the 738 studies contained in the systematic map and judged their relevance to the review. The inclusion and exclusion criteria for this stage are described earlier (page 6).

This process was deliberately 'over-inclusive' and identified any material based on structured enquiry that was about prevalence, incidence or detection in relation to PMHPs. At this stage, no judgements about quality or location were applied.

This stage was carried out by the three main members of the team, working in pairs, initially separately, and then to agreement. Decisions were made on the basis of titles and abstracts and skim reading of the publication. Decisions were recorded on a short form, as were reasons for exclusion. If agreement between a pair over whether or not a study should be included was not possible, then the third member of the team mediated. All three members worked on the first 23 records from the map and thoroughly discussed their individual decision making processes, to ensure consistency. Subsequent comparison of decision-making was carried out with all three members of the team present.

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<sup>1</sup> The reader is referred to the flowchart on page 4 which depicts the screening process.

While the research team had temporary access to copies of articles contained in the map, books and some book chapters and reports were not available. As a result all these, and other items where minimal information was available, were included into the next stage of selection.

This same process and the same criteria will be used to screen for relevance any items identified by the updated and additional searches (see above).

### **Selecting for inclusion in the systematic review**

The inclusion and exclusion criteria for selecting items to be included in the systematic review were outlined earlier (see p 7). This selection stage will be carried out on all material that passes through the screening for general topic relevance.

The process for selecting items will be the same as described for the screening stage, with team members working individually and then in pairs, to agreement. For this stage, however, decisions will be based on a full reading of the text. The third member of the team will mediate where it is not possible for a pair to agree on inclusion and a simple majority decision will be applied. All decisions that require the third member of the team will be logged.

For this stage we will use EPPI Reviewer to log initial and final decisions on inclusion and exclusion.

### **Descriptive map**

This stage has already been completed, by SCIE, for material up to May 2005.

### **Interim report**

We will produce an interim report on the review by the end of March 2007. This will include a chart of the flow of material through the searching and screening stages. This will cover material from both the systematic map and the additional searching, to date<sup>xi</sup>.

## Notes

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<sup>i</sup> Incidence is defined here as the number of parents who develop mental health problems in any given period.

<sup>ii</sup> Prevalence is defined here as the number of parents who have mental health problems at any specified point in time.

<sup>iii</sup> The definition of 'mental health problem' is that laid down in the SCIE commissioning brief (p.4) and comprises 'primary diagnosis/symptoms/need identified as a mental health problem' including self-identification of mental health problems by parents. For the purpose of these reviews, and as set down in the commissioning brief, mental health problems do **not** include '**sole** diagnoses of substance misuse, ante-natal or post-natal depression, mental health problems during pregnancy and up to six months after birth, or Munchausen's Syndrome by Proxy' (p 4).

<sup>iv</sup> For the purposes of this work parents are defined as in the SCIE commissioning brief (p 4): 'mothers, fathers, adoptive parents, legal guardians, foster parents, and all adults with a primary caring responsibility for a dependent child aged 18 years or younger, whether resident or non-resident.'

<sup>v</sup> As in the SCIE commissioning brief (p 4) children are defined as: 'children 18 years or younger, some of whom will be "young carers"'.

<sup>vi</sup> Here we mean subgroups of parent or adult populations as defined by socio-economic variables (for example, ethnicity) or users of mental health services, but **not** subgroups defined by children's use of services (for example, the prevalence of MHPs among parents of children taken into care). It is not possible to define all sub-populations in advance as this will be dependent on what the research literature contains.

<sup>vii</sup> This includes self-report and detection of PMHP through services'/professionals' encounters with other family members.

<sup>viii</sup> Structured enquiry includes audits, inspections and other structured activity which is not research.

<sup>ix</sup> For example, all children registered in a general practice in a given area, all children at school in a given area, national, representative sample surveys of children.

<sup>x</sup> Using sub-groups of children with specific problems or needs of their own to derive incidence or prevalence figures for PMHPs would inevitably produce data that was not generalisable beyond the specific *and local* service setting within which those children were found. This assumption has been confirmed during our preliminary readings of the review material.

<sup>xi</sup> Previous experience with systematic reviews suggests that forward citation searching and contact with authors for access to unpublished material may not be completed finally until much closer to the end of the review period.

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## Appendix 1: Inclusion criteria for systematic map

### CRITERION NAME

#### Criterion details

#### EXCLUDE SCOPE

To be included a study must examine parental mental health problems (PMHP), plus one of the following:

1. the extent of PMHP
2. the impact of PMHP, or
3. a service intervention.

This does not include studies of pharmacological interventions, unless they are evaluated in the context of service provision.

Papers describing diagnostic/screening techniques are not included. Studies which assess the reliability or validity of population screening and/or diagnostic tools and explicitly relate findings to measuring the extent of PMHP are included.

A study is examining mental health problems if:

1. the author or research subject says so
2. the health problem has been diagnosed and conforms to those is listed in DSM IV1 or ICD-10
3. relevant symptoms are described but are not yet subject to formal, or established diagnosis.
4. It involves dual diagnosis of a mental health problem with substance misuse – ie alcohol and drugs and solvents.

A study is examining the extent of PMHP where it provides information on the prevalence or type of problem locally, regionally, nationally or internationally (where national data are presented).

A study is examining the impact of PMHP where it describes biological, psychological and social (including economic) effects on any family member.

A study is examining an existing service intervention where it provides information on a service which is intended to benefit those affected by a PMHP (eg parents, children, wider family, family as a whole). We are interested in all levels and types of service provision, whether they are provided at a local, regional or national basis. We are interested in all types of service and intervention providers and developers (eg adult mental health services, child and adolescent mental health services, primary and secondary health care, antenatal or postnatal services, social workers, schools, family therapists, parenting coordinators, unregistered trainers and counsellors, police, forensic services, youth offending teams, probation, substance misuse workers, residential services, BME groups, researchers, etc).

We also take service intervention to include those

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interventions that have been developed, and evaluated, but not yet in common practice. For the purposes of this systematic map, parents are taken to be anyone who has dependent children. This can include biological and nonbiological parents, legal guardians, and other primary care givers, whether resident or non-resident.

#### EXCLUDE STUDY DESIGN

Studies are eligible if they:

1. evaluate the EXTENT of PMHP eg any study with prevalence data
2. evaluate the IMPACT of PMHP on any family member
3. evaluate the EFFECTIVENESS of any PMHP intervention on any outcome
4. evaluate the ACCESSIBILITY of any PMHP intervention eg physical and/or social exclusion
5. evaluate the ACCEPTABILITY to people either receiving or providing a PMHP intervention.

We accept that a range of study designs including primary and secondary research may provide relevant data. This does not include individual case studies, briefings or opinion pieces.

#### EXCLUDE POPULATION

Define parent as anyone who has dependent children, regardless of residency. No exclusion on age, gender, ethnicity.

INCLUDE extent or impact uncertain

Use for international impact and extent studies to decide exclusion criteria on sample size.

#### EXCLUDE LOCATION

Studies will be included if carried out in UK or Internationally if outcome evaluations or Internationally – if providing data at a national level.

#### EXCLUDE DATE OF PUBLICATION

Studies must have been published between 1985 and 2005.

#### EXCLUDE LANGUAGE

NON-ENGLISH paper.

#### INCLUDE UNCERTAIN

To be re-screened and agreed (use include impact or extent uncertain instead for international samples).

#### INCLUDE INCLUDE

MEETS ALL OF THE ABOVE CRITERIA.

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## **Appendix 2: Search strategy list**

Compiled by Janet Homewood, Information officer at SCIE (May-June 2005).

Adaptations of a sensitive, detailed search strategy were used for these databases involving the facets:

[parents] AND ([general mental health problems] OR [substance misuse])  
OR [mental health problems specific to parents]  
AND ([extent] OR [impact] OR [interventions]).

### **Health databases**

PsycInfo  
Medline  
EMBASE  
CINAHL  
HMIC  
Cochrane Library  
National Research Register

### **Social science databases**

Social Services Abstracts (CSA Illumina)  
ASSIA  
National Criminal Justice Reference Service Abstracts  
ERIC  
Campbell Collaboration

### **Care databases**

Social Work Abstracts  
CareData (now replaced by Social Care Online)  
ChildData  
Communitywise

### **General databases**

SIGLE  
Journal searching

## **Health databases**

### **PsycInfo**

#### ***Controlled language tools***

The Psycinfo thesaurus file consists of 7,739 records derived from the American Psychological Society's *Thesaurus of psychological index terms*, 8th edition (1997).

#### ***Search strategy***

PsycInfo 230505

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Database: Psycinfo <1872 to May Week 3 2005>

Date of search rem 26/05/05

1 exp treatment outcomes/ (15253)

2 \*mental health program evaluation/ (1418)

3 \*relapse prevention/ (626)

4 \*"side effects (treatment)"/ (836)

5 \*child guidance clinics/ (263)

6 exp \*alternative medicine/ or exp \*behavior modification/ or \*bibliotherapy/ or exp \*cognitive techniques/ or exp \*creative arts therapy/ or exp \*crisis intervention services/ or exp \*cross cultural treatment/ or \*involuntary treatment/ or \*milieu therapy/ or \*movement therapy/ or \*multimodal treatment approach/ or \*online therapy/ or exp \*outpatient treatment/ or exp \*physical treatment methods/ or exp \*preventive medicine/ or exp \*psychotherapeutic techniques/ or exp \*psychotherapy/ or exp \*rehabilitation/ or exp \*relaxation therapy/ or \*social casework/ or \*treatment guidelines/ or \*cognitive behavior therapy/ (238124)

7 \*treatment dropouts/ (1216)

8 exp \*treatment effectiveness evaluation/ or exp \*treatment outcomes/ (17518)

9 exp mental health services/ (17856)

10 exp \*clinical trials/ (290)

11 \*community mental health centers/ (1712)

12 exp \*community services/ (13489)

13 \*health care policy/ (1653)

14 \*counseling/ or \*cross cultural counseling/ or exp \*psychotherapeutic counseling/ or \*rehabilitation counseling/ (24076)

15 \*health care seeking behavior/ or \*health service needs/ (2067)

16 \*integrated services/ or \*long term care/ (1723)

17 exp \*mental health programs/ (5420)

18 \*outreach programs/ or \*school counseling/ or \*social casework/ (8624)

19 \*prevention/ (7180)

20 \*social services/ or \*outreach programs/ or \*protective services/ or \*child welfare/ or \*social casework/ (9971)

21 exp \*support groups/ (2447)

22 exp \*family therapy/ (13015)

23 \*respite care/ (227)

24 \*needs assessment/ (1642)

25 exp \*psychiatric hospitalization/ (6153)

26 exp \*Drug Rehabilitation/ (14277)

27 exp \*early intervention/ (3590)

28 \*legal processes/ or \*"adoption (child)"/ or \*child custody/ or \*guardianship/ or \*protective services/ (9279)

29 \*psychiatric clinics/ or \*child guidance clinics/ or \*walk in clinics/ (876)

30 exp \*Interdisciplinary Treatment Approach/ (3308)

31 ((interdisciplinary or multidisciplinary or interagency) adj2 (approach\$ or program\$ or work\$ or cooper\$)).ti,id. (1287)

32 ((interdisciplinary or multidisciplinary or interagency) adj2 (approach\$ or program\$ or work\$ or cooper\$ or collaborat\$)).ti,id. (1452)

33 exp \*Project Head Start/ (545)

34 Sure Start.mp. (7)

35 Home Start.mp. (18)

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36 \*conflict Resolution/ (3093)  
37 exp \*HOUSING/ (2846)  
38 exp \*"welfare services (government)"/ (1074)  
39 welfare benefits.ti,id. (27)  
40 social security.ti,id. (264)  
41 exp \*Social Security/ (190)  
42 \*drug rehabilitation/ or \*alcohol rehabilitation/ or \*detoxification/ or \*drug usage screening/ or \*methadone maintenance/ or \*psychosocial rehabilitation/ or \*rehabilitation counseling/ or \*twelve step programs/ (18165)  
43 or/1-42 (322596)  
44 \*poverty/ or \*disadvantaged/ or \*homeless/ or \*"income (economic)"/ or \*lower income level/ or \*socioeconomic status/ (16247)  
45 exp \*Childhood Development/ (20956)  
46 exp \*Infant Development/ (5727)  
47 exp \*Behavior Disorders/ (66184)  
48 exp \*Behavior Problems/ (11582)  
49 \*Emotionally Disturbed/ (4240)  
50 \*Emotional Adjustment/ (8648)  
51 exp \*parent child communication/ (3308)  
52 exp \*parent child relations/ or exp \*family conflict/ or exp \*parental investment/ (33534)  
53 \*family relations/ or \*sibling relations/ (20060)  
54 \*education/ or \*high school education/ or \*higher education/ or \*middle school education/ or \*secondary education/ (11470)  
55 \*classroom behavior modification/ or \*classroom discipline/ or \*school adjustment/ or \*school attendance/ (7382)  
56 \*school dropouts/ or \*school truancy/ (1470)  
57 exp \*Caregiver Burden/ (1797)  
58 exp \*stigma/ or \*social discrimination/ or \*stereotyped attitudes/ (7645)  
59 exp \*Social Isolation/ (3113)  
60 (social\$ adj1 (exclu\$ or depriv\$ or inclu\$)).ti,id. (672)  
61 family functioning.mp. [mp=title, abstract, subject headings, table of contents, key concepts] (3402)  
62 exp \*child abuse/ or \*abandonment/ or \*attachment disorders/ or \*child neglect/ or \*child welfare/ or \*emotional abuse/ or \*failure to thrive/ or \*family violence/ or \*physical abuse/ or \*sexual abuse/ or \*verbal abuse/ or \*violent crime/ (22976)  
63 domestic violence.mp. (3197)  
64 \*Antisocial Behavior/ (3661)  
65 social exclusion.mp. (286)  
66 \*homeless/ (2331)  
67 \*Self Destructive Behavior/ (1563)  
68 self-harm.mp. [mp=title, abstract, subject headings, table of contents, key concepts] (943)  
69 young carers.mp. (16)  
70 or/44-69 (223818)  
71 prevalence.mp. [mp=title, abstract, subject headings, table of contents, key concepts] (28883)  
72 exp \*Epidemiology/ (11818)

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73 extent.ti,id. (2061)  
74 exp \*Demographic Characteristics/ (13082)  
75 (incidence or frequency).ti,id. (24179)  
76 case identification.mp. [mp=title, abstract, subject headings, table of contents, key concepts] (229)  
77 ident\$.ti,id. (40271)  
78 or/71-77 (109567)  
79 exp \*PARENTS/ (23580)  
80 \*adoptive parents/ or \*fathers/ or \*foster parents/ or \*homosexual parents/ or \*mothers/ or \*single parents/ or \*stepparents/ or \*"surrogate parents (humans)"/ (14055)  
81 dependent child\$.mp. [mp=title, abstract, subject headings, table of contents, key concepts] (589)  
82 or/79-81 (24084)  
83 \*Mental Disorders/ (28984)  
84 exp Mental Health/ (14751)  
85 \*chronic mental illness/ (506)  
86 \*affective disorders/ (5822)  
87 \*anxiety disorders/ (6091)  
88 \*chronic mental illness/ (506)  
89 \*dissociative disorders/ (1393)  
90 \*eating disorders/ (4770)  
91 \*neurosis/ (4550)  
92 \*personality disorders/ (4999)  
93 \*pervasive developmental disorders/ (335)  
94 \*psychosis/ or \*acute psychosis/ or \*affective psychosis/ or \*chronic psychosis/ or \*"paranoia (psychosis)"/ or \*postpartum psychosis/ or \*reactive psychosis/ (10889)  
95 \*schizoaffective disorder/ (1011)  
96 \*schizophrenia/ (38421)  
97 \*bipolar disorder/ or \*major depression/ or \*mania/ or \*seasonal affective disorder/ (45223)  
98 exp \*neurosis/ (5095)  
99 \*compulsive personality disorder/ or \*paranoid personality disorder/ or \*passive aggressive personality disorder/ or \*sadomasochistic personality/ or \*schizoid personality disorder/ or \*schizotypal personality disorder/ (1385)  
100 exp \*psychiatric hospitalization/ (6153)  
101 or/83-100 (159499)  
102 parental mental health.ti,id. (25)  
103 mentally ill parents.ti,id. (52)  
104 parental psychopathology.ti,id. (117)  
105 ((parent\$ or maternal or paternal or mother\$ or father\$) adj2 (psychiat\$ or depression or mental\$)).ti,id. (3131)  
106 postnatal depression.ti,id. (291)  
107 postnatal depression.mp. [mp=title, abstract, subject headings, table of contents, key concepts] (487)  
108 exp postpartum depression/ or exp postpartum psychosis/ (1395)  
109 (post?natal depression or post?partum depression).mp. [mp=title, abstract, subject headings, table of contents, key concepts] (1571)

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110 (post?natal depression or post?partum depression).ti,id. (805)  
111 exp \*Munchausen Syndrome by Proxy/ (121)  
112 exp \*folie a deux/ (109)  
113 or/102-112 (4789)  
114 \*comorbidity/ (5939)  
115 dual diagnosis.mp. (1514)  
116 \*drug abuse/ (14791)  
117 substance misus\$.mp. [mp=title, abstract, subject headings, table of contents, key concepts] (679)  
118 \*alcohol abuse/ (5760)  
119 or/114-118 (25713)  
120 101 and 119 (6066)  
121 82 and (101 or 120) (1789)  
122 121 or 113 (6007)  
123 122 and (43 or 70 or 78) (3329)  
124 limit 123 to (human and yr=1985-2005) (2674)

## **Medline**

### ***Controlled language tools***

Medline is comprehensively indexed using the MeSH thesaurus.

### ***Search strategy***

Database: Ovid MEDLINE(R) <1966 to May Week 3 2005>

Date of search: 27/05/05

1 parental mental health.mp. (32)  
2 mentally ill parents.mp. (31)  
3 parental psychopathology.mp. (130)  
4 ((parent\$ or maternal or paternal or mother\$ or father\$) adj2 (psychiat\$ or depression or mental\$)).mp. [mp=title, original title, abstract, name of substance word, subject heading word] (2674)  
5 ((parent\$ or maternal or paternal or mother\$ or father\$) adj2 (psychiat\$ or depression or mental\$)).ti. (769)  
6 postnatal depression.mp. or \*Depression, Postpartum/ (1077)  
7 post natal depression.mp. (54)  
8 \*Munchausen Syndrome by Proxy/ (310)  
9 or/1-8 (3988)  
10 exp \*PARENTS/ (20944)  
11 \*"CHILD OF IMPAIRED PARENTS"/ (1419)  
12 dependent child\$.mp. (1068)  
13 or/10-12 (23103)  
14 exp \*Epidemiology/ (4463)  
15 demographics.mp. or exp \*Demography/ (118622)  
16 exp incidence/ or exp prevalence/ (160353)  
17 case identification.mp. (360)  
18 or/14-17 (277637)  
19 exp \*Mental Disorders/ (445041)  
20 folie a deux.mp. [mp=title, original title, abstract, name of substance word,

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subject heading word] (126)  
21 exp \*Mentally Ill Persons/ (2149)  
22 or/19-21 (446569)  
23 exp Treatment Outcome/ (223730)  
24 relapse prevention.mp. (893)  
25 exp \*Patient Dropouts/ or exp \*Patient Compliance/ (11168)  
26 exp \*Clinical Trials/ (18650)  
27 exp \*Evaluation Studies/ (41150)  
28 exp \*Primary Health Care/ or exp \*"Delivery of Health Care, Integrated"/ or  
exp "Continuity of Patient Care"/ or integrated services.mp. or exp \*Systems  
Integration/ (31218)  
29 exp \*Primary Health Care/ or exp \*"Delivery of Health Care, Integrated"/ or  
exp \*"Continuity of Patient Care"/ or integrated services.mp. or exp \*Systems  
Integration/ (27649)  
30 exp \*Long-Term Care/ or exp \*Health Policy/ or health care policy.mp. or exp  
\*Health Planning/ or exp \*"Delivery of Health Care"/ (291334)  
31 exp \*"Health Services Needs and Demand"/ '2810642)  
32 exp \*"Patient Acceptance of Health Care"/ (33400)  
33 assertive outreach.mp. (47)  
34 outreach programs.mp. (206)  
35 exp \*School Health Services/ or school counseling.mp. (8125)  
36 exp \*Social Work/ or social services.mp. (7706)  
37 exp \*Child Welfare/ (22458)  
38 exp \*Child Health Services/ or exp \*Child Advocacy/ or child protection.mp.  
(11814)  
39 exp \*Self-Help Groups/ (3333)  
40 exp \*Family Therapy/ (3304)  
41 exp \*Respite Care/ (355)  
42 exp \*Needs Assessment/ (2670)  
43 drug rehabilitation.mp. or exp \*Substance Abuse Treatment Centers/ (1206)  
44 exp \*ADOPTION/ (1712)  
45 exp \*Foster Home Care/ (1230)  
46 \*Outpatient Clinics, Hospital/ or exp \*Ambulatory Care Facilities/ or walk in  
clinics.mp. (16370)  
47 ((interdisciplinary or multidisciplinary or interagency) adj2 (approach\$ or  
program\$ or work\$ or cooper\$ or collaborat\$)).mp. [mp=title, original title,  
abstract, name of substance word, subject heading word] (8206)  
48 "Head Start".mp. (458)  
49 "Sure Start".mp. (15)  
50 "Home Start".mp. (15)  
51 conflict resolution.mp. (532)  
52 \*housing/ or exp \*public housing/ (4039)  
53 exp \*Social Security/ (2874)  
54 welfare benefits.mp. (137)  
55 exp \*Mental Health Services/ (28919)  
56 exp \*"Commitment of Mentally Ill"/ (2941)  
57 or/23-56 (662058)  
58 exp \*POVERTY AREAS/ or exp \*POVERTY/ (6629)  
59 disadvantaged.mp. or exp \*Vulnerable Populations/ (3227)

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60 exp \*Homeless Persons/ or homelessness.mp. (3298)  
61 exp \*social isolation/ or \*social problems/ or exp \*crime/ or exp \*dangerous behavior/ or exp \*divorce/ or \*homicide/ or exp \*juvenile delinquency/ or exp \*poverty/ or exp \*prostitution/ or \*runaway behavior/ or exp \*social behavior disorders/ or \*suicide/ or exp \*suicide, attempted/ or \*violence/ or exp \*domestic violence/ (81833)  
62 \*Income/ (4082)  
63 exp \*Child Development/ (17238)  
64 exp \*mental disorders diagnosed in childhood/ (63956)  
65 exp \*Social Adjustment/ or exp \*Affective Symptoms/ or emotionally disturbed.mp. (9925)  
66 family conflict.mp. (316)  
67 exp \*Family Relations/ (19527)  
68 education/ or \*schools/ (15430)  
69 exp \*Juvenile Delinquency/ (3073)  
70 young carer\$.mp. [mp=title, original title, abstract, name of substance word, subject heading word] (4)  
71 stigma.mp. [mp=title, original title, abstract, name of substance word, subject heading word] (2472)  
72 exp \*Prejudice/ (6040)  
73 (social\$ adj1 (exclu\$ or depriv\$ or inclu\$)).mp. [mp=title, original title, abstract, name of substance word, subject heading word] (1628)  
74 family functioning.mp. [mp=title, original title, abstract, name of substance word, subject heading word] (1164)  
75 exp \*Self-Injurious Behavior/ (22251)  
76 or/58-75 (220224)  
77 substance abus\$.mp. [mp=title, original title, abstract, name of substance word, subject heading word] (21420)  
78 substance misus\$.mp. [mp=title, original title, abstract, name of substance word, subject heading word] (503)  
79 exp \*"Diagnosis, Dual (Psychiatry)"/ (104)  
80 alcohol abuse.mp. [mp=title, original title, abstract, name of substance word, subject heading word] (6555)  
81 exp \*Alcoholism/ (35076)  
82 exp \*Substance-Related Disorders/ (107959)  
83 or/77-82 (118992)  
84 22 and 83 (103021)  
85 13 and (22 or 84) (4075)  
86 85 or 9 (7318)  
87 86 and (57 or 76 or 83) (4990)  
88 limit 87 to (humans and yr=1985-2005) (4303)

## **EMBASE**

### ***Controlled language tools***

EMBASE makes use of three different classification systems: Emtree, EMCLAS and

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EMTAGS. EMTREE, the EMBASE thesaurus, has been in use since 1988; EMCLAS was the EMBASE classification system from 1974 through 1988; and EMTAGS was an overall system of general indexing concepts used until 1998.

### **Search strategy**

Database: EMBASE <1980 to 2005 Week 21>

Search run: 27/05/05

1 parental mental health.mp. (26)

2 mentally ill parents.mp. (19)

3 parental psychopathology.mp. (121)

4 ((parent\$ or maternal or paternal or mother\$ or father\$) adj2 (psychiat\$ or depression or mental\$)).mp. [mp=title, abstract, subject headings, heading word, drug trade name, original title, device manufacturer, drug manufacturer name] (5570)

5 postnatal depression.mp. or exp \*Puerperal Depression/ (904)

6 exp \*Munchausen Syndrome By Proxy/ (38)

7 or/1-6 (6379)

8 exp \*Parent/ (6523)

9 dependent child\$.mp. (371)

10 or/8-9 (6879)

11 exp \*Mental Disease/ (379443)

12 exp \*Mental Patient/ (2352)

13 folie a deux.mp. (84)

14 or/11-13 (381168)

15 exp \*treatment outcome/ (4532)

16 Clinical Trial/ (335047)

17 exp \*Evaluation/ (291)

18 exp \*Primary Health Care/ (9605)

19 exp \*Long Term Care/ (7556)

20 exp \*Health Care Policy/ (11301)

21 exp \*health care access/ or exp \*health care availability/ or exp \*health care distribution/ or exp \*health care need/ or exp \*health care planning/ or health program/ or exp \*regionalization/ (38245)

22 assertive outreach.mp. (66)

23 exp \*SCHOOL HEALTH SERVICE/ (642)

24 exp \*Social Work/ (1595)

25 exp \*Social Care/ (6058)

26 primary education.mp. (150)

27 exp \*college/ or exp \*high school/ or exp \*kindergarten/ or exp \*nursery school/ or exp \*primary school/ (830)

28 exp \*Child Welfare/ (544)

29 exp \*Self Help/ (760)

30 exp \*Family Therapy/ (2119)

31 exp \*Home Care/ (4936)

32 respite care.mp. or exp \*Home Care/ (5098)

33 needs assessment.mp. or exp \*Health Services Research/ (1728)

34 drug rehabilitation.mp. (107)

35 exp \*ADOPTION/ (729)

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36 exp \*Foster Care/ (352)  
37 exp \*Outpatient Department/ or walk in clinics.mp. (911)  
38 ((interdisciplinary or multidisciplinary or interagency) adj2 (approach\$ or program\$ or work\$ or cooper\$ or collaborat\$)).mp. [mp=title, abstract, subject headings, heading word, drug trade name, original title, device manufacturer, drug manufacturer name] (6753)  
39 "Head Start".mp. (144)  
40 "Sure Start".mp. (12)  
41 "Home Start".mp. (9)  
42 exp \*HOUSING/ (1818)  
43 exp \*Social Security/ (639)  
44 welfare benefits.mp. (87)  
45 compulsory admission.mp. (102)  
46 compulsory treatment.mp. (145)  
47 exp \*mental health care/ (12363)  
48 or/15-47 (435287)  
49 exp \*lowest income group/ or exp \*poverty/ (1800)  
50 exp \*HOMELESSNESS/ (1415)  
51 exp \*alienation/ or exp \*loneliness/ or exp \*parental deprivation/ or exp \*social isolation/ (1802)  
52 exp \*social problem/ or exp \*abuse/ or exp \*crime/ or exp \*violence/ or exp \*domestic violence/ (130002)  
53 exp \*SUICIDE/ (8093)  
54 exp \*HOMICIDE/ (2213)  
55 exp \*DIVORCE/ (877)  
56 exp \*Juvenile Delinquency/ (1358)  
57 exp \*Child Development/ (3854)  
58 exp \*Social Adaptation/ (8112)  
59 exp \*School/ (5558)  
60 young carer\$.mp. (4)  
61 stigma.mp. (1955)  
62 (social\$ adj1 (exclu\$ or depriv\$ or inclu\$)).mp. [mp=title, abstract, subject headings, heading word, drug trade name, original title, device manufacturer, drug manufacturer name] (1372)  
63 exp \*Family Life/ (8931)  
64 exp Suicide Attempt/ or exp Drug Overdose/ or exp \*Automutilation/ or selfharm.mp. or exp Suicidal Behavior/ (30659)  
65 or/49-64 (185476)  
66 exp \*Substance Abuse/ (6047)  
67 substance misus\$.mp. (618)  
68 dual diagnosis.mp. (536)  
69 exp \*Alcohol Abuse/ (4444)  
70 exp \*ALCOHOLISM/ (24614)  
71 substance related disorders.mp. or exp \*Addiction/ (49469)  
72 or/66-71 (58180)  
73 exp \*EPIDEMIOLOGY/ (56400)  
74 exp \*Demography/ or demographics.mp. (8769)  
75 exp PREVALENCE/ (88830)  
76 exp INCIDENCE/ (79633)

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77 case identification.mp. (331)  
78 or/73-77 (213645)  
79 14 and 72 (51696)  
80 10 and (14 or 79) (1787)  
81 80 or 7 (7491)  
82 81 and ((48 and 65) or 78) (772)  
83 limit 82 to (human and yr=1985 - 2005) (731)

## **CINAHL (Cumulative Index to Nursing and Allied Health Literature)**

### ***Controlled language tools***

The CINAHL thesaurus includes many terms from the National Library of Medicine's MeSH thesaurus, including subheadings, explosions and cross-references.

### ***Search strategy***

Database: CINAHL (Cumulative Index to Nursing and Allied Health Literature) <1982 to May Week 3 2005>

Search run: 27/05/05

1 parental mental health.mp. (61)  
2 mentally ill parents.mp. (11)  
3 parental psychopathology.mp. (10)  
4 ((parent\$ or maternal or paternal or mother\$ or father\$) adj2 (psychiat\$ or depression or mental\$)).mp. [mp=title, subject heading word, abstract, instrumentation] (2072)  
5 postnatal depression.mp. or exp \*Depression, Postpartum/ (866)  
6 exp \*Munchausen Syndrome By Proxy/ (98)  
7 or/1-6 (2721)  
8 exp \*Parents/ (9237)  
9 exp \*"children of impaired parents"/ or exp \*"children of alcoholics"/ (260)  
10 dependent child\$.mp. (1559)  
11 or/8-10 (10930)  
12 exp \*EPIDEMIOLOGY/ (19535)  
13 exp \*Demography/ (12018)  
14 exp incidence/ or exp prevalence/ (8654)  
15 case identification.mp. (50)  
16 or/12-15 (35689)  
17 exp \*Mental Disorders/ (53471)  
18 folie a deux.mp. (6)  
19 or/17-18 (53471)  
20 exp \*Treatment Outcomes/ (4147)  
21 relapse prevention.mp. (185)  
22 exp \*Clinical Trials/ (2408)  
23 exp \*clinical research/ or evaluation research/ or exp \*health services research/ or exp \*needs assessment/ or exp \*pilot studies/ or exp \*policy studies/ (11403)  
24 exp \*health care delivery, integrated/ or exp \*primary health care/ (6669)  
25 exp \*"continuity of patient care"/ or exp \*family centered care/ or exp \*multidisciplinary care team/ (5555)  
26 exp \*acute care/ or exp \*after care/ or exp \*holistic care/ or exp \*home health

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care/ or exp \*home nursing/ or exp \*long term care/ or exp \*maternal-child care/  
or exp \*psychiatric care/ or exp \*patient seclusion/ or exp \*psychiatric home  
care/ or exp \*residential care/ or exp \*spiritual care/ or exp \*transcultural care/  
(34085)

27 exp \*"Health Services Needs and Demand"/ (1417)

28 exp \*Decision Making, Patient/ or exp \*Support, Psychosocial/ (7368)

29 exp \*Community Mental Health Nursing/ or exp \*Psychiatric Nursing/ or exp  
\*Mental Health Services/ or assertive outreach.mp. (14418)

30 exp \*School Health Services/ (5089)

31 exp \*Social Work/ (1879)

32 exp \*Social Work Service/ (368)

33 exp \*Child Welfare/ (4732)

34 exp \*Child Health Services/ (3120)

35 child protection.mp. or exp \*Community Health Nursing/ (9590)

36 self help groups.mp. or exp \*Support Groups/ (2011)

37 exp \*Family Therapy/ (452)

38 exp \*Respite Care/ (299)

39 drug rehabilitation.mp. (737)

40 exp \*Adoption/ (404)

41 foster care.mp. or exp \*Foster Home Care/ (764)

42 exp \*Medication Compliance/ or exp \*Ambulatory Care/ or exp \*Outpatient  
Service/ or outpatient clinics.mp. (3279)

43 ((interdisciplinary or multidisciplinary or interagency) adj2 (approach\$ or  
program\$ or work\$ or cooper\$ or collaborat\$)).mp. [mp=title, subject heading  
word, abstract, instrumentation] (4408)

44 exp \*Project Head Start/ (52)

45 "Sure Start".mp. (62)

46 "Home Start".mp. (16)

47 conflict resolution.mp. or exp \*Conflict Management/ (810)

48 exp \*HOUSING/ (1088)

49 welfare benefits.mp. (90)

50 exp \*Mental Health Services/ (8878)

51 exp \*Involuntary Commitment/ or compulsory admission.mp. (230)

52 compulsory treatment.mp. (42)

53 exp \*counseling/ or exp \*couples counseling/ (2923)

54 complementary therapy.mp. or exp \*Alternative Therapies/ (27170)

55 exp \*Caregiver Support/ (631)

56 or/20-55 (138338)

57 exp \*adolescent behavior/ or exp \*attachment behavior/ or behavior, addictive/  
or exp \*child behavior/ or exp \*disengagement/ or exp \*disruptive behavior/ or  
exp \*patient compliance/ or exp \*medication compliance/ or exp \*treatment  
refusal/ or exp \*help seeking behavior/ or exp \*information seeking behavior/  
or exp \*maternal behavior/ or exp \*paternal behavior/ or exp \*risk taking  
behavior/ or exp \*self-injurious behavior/ or exp social skills/ or exp \*adolescent  
development/ or exp \*child development/ or exp \*infant development/ or exp  
\*language development/ (14810)

58 exp \*POVERTY AREAS/ or exp \*POVERTY/ (1448)

59 exp \*Socioeconomic Factors/ or disadvantaged.mp. (28121)

60 exp \*"Economic and Social Security"/ (453)

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61 exp \*HOMELESSNESS/ (851)  
62 exp \*Homeless Persons/ (663)  
63 exp \*social isolation/ or exp \*loneliness/ or exp \*social alienation/ or exp  
\*stereotyping/ or exp \*stigma/ (1164)  
64 exp \*CRIME VICTIMS/ or exp \*CRIME/ (15165)  
65 exp crime/ or "assault and battery"/ or exp child abuse/ or exp homicide/ or exp  
sexual abuse/ or exp violence/ (21065)  
66 exp \*minority groups/ or exp \*social networks/ or divorce/ or exp \*juvenile  
delinquency/ or exp \*latchkey children/ or exp \*partner abuse/ or exp \*pregnancy  
in adolescence/ or exp \*prostitution/ (5087)  
67 exp \*Suicide/ (2959)  
68 exp \*Student Dropouts/ or exp \*Absenteeism/ or truancy.mp. or exp \*Academic  
Achievement/ (1252)  
69 exp \*Runaways/ (52)  
70 self destructive behavior.mp. or exp \*Self-Injurious Behavior/ (156)  
71 exp \*Mental Disorders Diagnosed in Childhood/ (8508)  
72 exp \*Affective Disorders/ or emotionally disturbed.mp. (7783)  
73 exp \*Family Relations/ or family conflict.mp. (6503)  
74 exp \*SCHOOLS, MIDDLE/ or exp \*SCHOOLS, SPECIAL/ or exp \*SCHOOLS,  
NURSERY/ or exp \*SCHOOLS, SECONDARY/ (487)  
75 exp \*Caregiver Burden/ or young carer\$.mp. (1632)  
76 exp \*prejudice/ or exp \*psychosocial deprivation/ (281)  
77 (social\$ adj1 (exclu\$ or depriv\$ or inclu\$)).mp. [mp=title, subject heading word,  
abstract, instrumentation] (569)  
78 exp \*Family Functioning/ (866)  
79 or/57-78 (93579)  
80 exp \*"Diagnosis, Dual (Psychiatry)"/ (226)  
81 exp \*substance abuse/ or exp \*alcohol abuse/ or exp \*inhalant abuse/ or exp  
\*substance abuse, intravenous/ or exp \*substance abuse, perinatal/ (6533)  
82 exp \*"ALTERED FAMILY PROCESS: ALCOHOLISM (NANDA)"/ or exp  
\*ALCOHOLISM/  
(2445)  
83 or/80-82 (8798)  
84 19 and 83 (8479)  
85 11 and (19 or 84) (1191)  
86 85 or 7 (3345)  
87 86 and (16 or 56 or 79) (2716)  
88 86 and (16 or 56 or 79) (2716)  
89 limit 88 to yr=1985 - 2005 (2645)

## **HMIC (Health Management Information Consortium)**

### ***Controlled language tools***

HMIC has no thesaurus.

### ***Search strategy***

Search run: 02/06/05

(parent\$ mental health or mentally ill parent\$ or parental psychopathology or

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postnatal depression or Munchausen syndrome by proxy or folie a deux or ((parent\$ or maternal or paternal or mother or father) adj2 (psychiatr\$ or depression or mental\$)).mp. [mp=title, other title, abstract, heading words] (225)

## **Cochrane Library**

### ***Controlled language tools***

The MeSH thesaurus is available.

### ***Search strategy***

Search run: 07/06/05

Mental health problems AND parent in ALL (180)

“mental health” NEAR/5 parent (44)

“parent mental health” OR parent NEAR/5 (depression OR disorder) OR family NEAR/5 “mental health” in ALL (212)

Munchausen OR parent AND (schizophrenia OR psychosis) OR impaired parent in ALL (106)

Depress\* AND parent\* in ALL (413)

Depress\* AND family (210)

Depress\* AND family NEAR/5 parent (70)

Using MeSH terms: search run 13/06/05

Parents AND mental disorders (1985-2005) (216)

## **National Research Register**

### ***Controlled language tools***

The MeSH thesaurus is available.

### ***Search strategy***

Search run: 15/06/05

MeSH terms ((parents AND mental disorders), or child of impaired parents) OR freetext search (parent\* mental health OR mentally ill parent\* OR parental psychopathology OR postnatal depression OR Munchausen syndrome by proxy OR folie a deux OR ((parent\* OR maternal OR paternal OR mother OR father) NEAR (psychiatr\* OR depression OR mental\$))).mp. [mp=title, other title, abstract, heading words] (219)

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## Social science databases

A sensitive, detailed search strategy was tried similar to that for the health databases; however, this retrieved a large proportion of non-relevant hits. A more general single-facet search strategy was therefore adopted.

### Social Services Abstracts (CSA Illumina)

#### **Controlled language tools**

The *Thesaurus of sociological indexing terms* contains an alphabetical listing of main term descriptors, beginning with the April 1986 issue. It also references discontinued terms from the former Descriptor Authority File, which are used for accessing information prior to 1986.

#### **Search strategy**

Search run: 01/06/05

((parent\* or maternal or paternal or mother\* or father\*) within 2 (psychiat\* or depress\* or mental\*)) or ((parental mental health) or (mentally ill parent\*) or (parental psychopathology) or (post?natal depression) or (post?natal psychos?s) or (postpartum depression) or (postpartum psychos?s) or (folie a deux) or (Munchausen syndrome by proxy))  
(475)

### ASSIA (Applied Social Sciences Index and Abstracts)

#### **Controlled language tools**

ASSIA thesaurus.

#### **Search strategy**

Search run: 01/06/05

Thesaurus term: mentally ill parents

(23)

(parental mental health) or (mentally ill parent\*) or (parental psychopathology) or (post?natal depression) or (post?natal psychos?s) or (postpartum depression) or (postpartum psychos?s) or (folie a deux) or (Munchausen syndrome by proxy)

(258)

57

### National Criminal Justice Reference Service Abstracts (CSA Illumina)

#### **Controlled language tools**

No thesaurus available.

#### **Search strategy**

Search run: 01/06/05

((parent\* or maternal or paternal or mother\* or father\*) within 2 (psychiat\* or

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depress\* or mental\*)) or ((parental mental health) or (mentally ill parent\*) or (parental psychopathology) or (post?natal depression) or (post?natal psychos?s) or (postpartum depression) or (postpartum psychos?s) or (folie a deux) or (Munchausen syndrome by proxy))  
(222)

## **ERIC (CSA Illumina)**

### ***Controlled language tools***

The *Thesaurus of ERIC descriptors*, 13th Edition, contains an alphabetical listing of terms used for indexing and searching in the ERIC database.  
No terms were found for parental mental health, mentally ill parents etc.

### ***Search strategy***

Search run: 01/06/05

(parental mental health) or (mentally ill parent\*) or (parental psychopathology) or (post?natal depression) or (post?natal psychos?s) or (postpartum depression) or (postpartum psychos?s) or (folie a deux) or (Munchausen syndrome by proxy)  
(69)

## **Campbell Collaboration**

### ***Controlled language tools***

The MeSH thesaurus is available.

### ***Search strategy***

Search run: 01/06/05

Keyword searches

mental health AND parent\* (0)

mental health AND famil\* (0)

parent AND depress\* (6)

parent AND impaired (0)

parent AND schizophrenia (0)

parent AND psychosis (3)

parent AND mental\* ill\* (0)

parenting (25)

Depress\* AND famil\* (0)

Depress\* AND maternal (0)

Depress\* AND mother (9)

Munchausen (0)

postnatal (3)

postpartum (9)

MeSH terms: parents AND mental disorders

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## Care databases

### Social Work Abstracts (Silver Platter)

#### **Controlled language tools**

No thesaurus available

#### **Search strategy**

Search run: 02/06/05

((parent\* mental health) or (mentally ill parent\*) or (parental psychopathology) or (postnatal depression) or (Munchausen syndrome by proxy) or (folie a deux)) or ((parent\* or maternal or paternal or mother or father) near2 (psychiatr\* or depression or mental\*))  
(107)

### CareData

#### **Controlled language tools**

CareData keyword list with related terms (note that CareData was replaced in mid-2005 by Social Care Online, which is indexed with the *Social care thesaurus*)

#### **Search strategy**

Search run: 02/06/05

{{(=PARENTS / =MOTHERS / =FATHERS)  
&  
( =PEOPLE WITH MENTAL HEALTH PROBLEMS / =MENTAL HEALTH /  
=DEPRESSION /  
=BIPOLAR DISORDER / =POST NATAL DEPRESSION / =SCHIZOPHRENIA / )}  
/  
(Title or abstract ct (parental mental health) / (mentally ill parents) / (parental psychopathology) / (postnatal depression) / (Munchausen syndrome by proxy) / ((parent\* / maternal / paternal / mother / father) & (psychiatr\* / depression / mental\*)))}  
&  
{ (=OUTCOMES / =OUTREACH SERVICES / =ACUTE PSYCHIATRIC CARE / =ADMISSION TO CARE / =ADOPTION / =ADULT EDUCATION / =ADULT TRAINING CENTRES / =ADVICE CENTRES / =ADVOCACY / =AFTER SCHOOL CARE / =APPROVED MENTAL HEALTH PROFESSIONALS / =ART THERAPY / =ASSERTIVE OUTREACH / =ASSESSMENT / =BEFRIENDING SCHEMES / =BEHAVIOUR MODIFICATION / =BEHAVIOUR THERAPY / =CAFCASS / =CARE PLANNING / =CHILD AND ADOLESCENT MENTAL HEALTH SERVICES CAMHS / =CHILD CARE / =CHILD PROTECTION REGISTERS / =CHILD PROTECTION SERVICES / =COMMUNITY ALCOHOL TEAMS / =COMMUNITY CENTRES / =COMMUNITY HEALTH CARE / =COMMUNITY MENTAL HEALTH SERVICES / =COMMUNITY MENTAL HEALTH

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TEAMS / =COMMUNITY NURSING / =COMMUNITY PSYCHIATRIC NURSES /  
59  
=COMPLEMENTARY THERAPY / =COMPULSORY DETENTION /  
=COMPULSORY  
TREATMENT / =CONCILIATION / =CONFLICT MANAGEMENT / =COUNSELLING /  
=CRIMINAL JUSTICE / =DANCE THERAPY / =DAY CENTRES / =DIRECT  
PAYMENTS /  
=DISABILITY LIVING ALLOWANCE / =DISCHARGE PLANNING / =DRAMA  
THERAPY  
/ =DROP IN CENTRES / =EARLY INTERVENTION / =EDUCATIONAL WELFARE  
/ =ELECTROCONVULSIVE THERAPY / =EMERGENCY PROTECTION ORDERS  
/ =FAMILY CENTRES / =FAMILY COURTS / =FAMILY GROUP CONFERENCES /  
=FAMILY MEDIATION / =FAMILY REUNIFICATION / =FAMILY THERAPY /  
=FOSTER  
CARE / =GROUP THERAPY / =HEALTH VISITORS / =HOLISTIC CARE / =HOME  
CARE / =HOSPITAL SOCIAL WORK / =HOUSING BENEFITS / =HOUSING /  
=HYPNOTHERAPY / =INDIVIDUAL PROGRAMME PLANNING / =INFORMAL  
CARE /  
=INTEGRATED SERVICES / =INTERAGENCY COOPERATION /  
=INTERPROFESSIONAL  
RELATIONS / =INTERVENTION / =JOINT CUSTODY OF CHILDREN / =JOINT  
WORKING / =JUVENILE JUSTICE / =LEISURE ACTIVITIES / =LONG STAY CARE /  
=MEDIUM SECURE UNITS / =MEDICAL TREATMENT / =MEDICATION / =MENTAL  
HEALTH SERVICES / =MULTICULTURAL APPROACH / =MULTIDISCIPLINARY  
SERVICES / =MUSIC THERAPY / =NEEDS LED ASSESSMENT / =NON  
CUSTODIAL  
TREATMENT / =OCCUPATIONAL THERAPY / =OUTCOME RESEARCH /  
=OUTCOMES  
/ =OUTREACH SERVICES / =PRIMARY HEALTH CARE TEAMS / =PRISON  
SERVICE  
/ =PROBATION SERVICE / =PSYCHIATRIC DAY CENTRES / =PSYCHIATRIC  
SOCIAL  
WORK / =PSYCHIATRY / =PSYCHOANALYSIS / =PSYCHOTHERAPY /  
=RANDOMISED  
CONTROLLED TRIALS / =REALITY THERAPY / =RISK MANAGEMENT /  
=SCHOOLS  
/ =SECURE ACCOMMODATION / =SECURE HOSPITALS / =SECURE UNITS /  
=SELF  
ADVOCACY / =SELF HELP GROUPS / =SELF HELP ORGANISATIONS /  
=SHELTERED  
EMPLOYMENT / =SHELTERED HOUSING / =SOCIAL WELFARE / =SOCIAL  
WORKERS  
/ =SPECIAL EDUCATION / =SPEECH THERAPY / =SPIRITUALITY /  
=SUPERVISION  
ORDERS / =SUPPLEMENTARY BENEFITS / =SUPPORTED EMPLOYMENT /  
=SUPPORTED HOUSING / =TEMPORARY ACCOMMODATION / =THERAPEUTIC  
COMMUNITIES / =THERAPY / =USER INVOLVEMENT / =WRITING THERAPY)  
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((Title or abstract ct incidence / prevalence / epidemiology / case identification) or (=DEMOGRAPHICS)

/

((Title or abstract ct stigma) or (keywords=AGGRESSION / =ANXIETY / =AT RISK CHILDREN / =BEHAVIOUR DISORDERS / =BEHAVIOUR PROBLEMS / =CHALLENGING BEHAVIOUR / =CHILD ABUSE / =CHILD DEVELOPMENT / =CHILDREN IN NEED / =CRIME / =DIVORCE / =DOMESTIC VIOLENCE CRIME AND VICTIMS ACT 2004 / =EATING DISORDERS / =EMOTIONAL ABUSE / =EMOTIONALLY DISTURBED CHILDREN / =EMPLOYMENT / =FAMILY STRESS / =HARASSMENT / =HEALTH NEEDS / =HOME OWNERSHIP / =HOMELESSNESS / =ISOLATED PEOPLE / =JUVENILE DELINQUENCY / =LEISURE ACTIVITIES / =MARRIAGE BREAKDOWN / =MURDER / =NEGLECTED CHILDREN / =PARENT CHILD RELATIONS / =PARENTAL ATTITUDES / =PARTNER ABUSE / =POVERTY / =RACIAL HARASSMENT / =RESILIENCE / =RUNAWAY YOUNG PEOPLE / =SCHOOL EXCLUSION / =SCHOOL PHOBIA / =SELF HARM / =SPEECH IMPAIRMENT / =STRESS / =VIOLENCE IN THE HOME))}

(704)

## **ChildData**

### ***Controlled language tools***

ChildData has a keyword list and main subject headings but bearing in mind the scope of the database, the freetext search was considered more useful.

### ***Search strategy***

Search run: 03/06/05

In title or abstract: (parent\* mental health/mentally ill parent\*/parental psychopathology/postnatal depression/Munchausen syndrome by proxy/folie a deux)/(parent\* w2 psychiatr\*)/(parent\* w2 depress\*)/(parent\* w2 mental)/(maternal w2 psychiatr\*)/(maternal w2 depress\*)/(maternal w2 mental\*)/(paternal w2 psychiatr\*)/(paternal w2 depress\*)/(paternal w2 depress\*)/(mother\* w2 psychiatr\*)/(mother\* w2 depress\*)/(mother\* w2 mental\*)/(father w2 psychiatr\*)/(father w2 depress\*)/(father w2 mental\*)

(344)

Keyword search

= "Munchausen syndrome by proxy" / = "postnatal depression" / (= "mental disorders" & = "parents")

(411)

## **Communitywise**

### ***Controlled language tools***

Communitywise has a wordlist.

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### **Search strategy**

Search run: 07/06/05

Subject (full):

Mental health (339)

Mental health problem (143)

Mental health problem AND parent (27)

Parental mental health (0)

Subject (full): Mental illness (131)

Mental illness AND parent (0)

Mental illness AND famil\* (4)

Subject (full): depress\* (253)

Depress\* AND parent (21)

Depress\* AND mother (0)

Depress\* AND father (0)

Subject (full): parenting behaviour – 27

Subject (full): impaired parent\* – 0

Subject (full): comorbidity – 10

Subject (full): Munchausen – 0

Search run: 13/06/05, using index list:

Keywords parents AND mentally  
(19)

### **General databases**

**SIGLE (System for Information on Grey Literature in Europe)**

#### ***Controlled language tools***

None available.

### **Search strategy**

Search run: 02/06/05

((parent\* mental health) or (mentally ill parent\*) or (parental psychopathology)  
or (postnatal depression) or (Munchausen syndrome by proxy) or (folie a deux))

or ((parent\* or maternal or paternal or mother or father) near2 (psychiatr\* or  
depression or mental\*))

(39)

### **Journal searching**

Journal tables of contents were browsed in addition to using search terms (if search facilities were available on the publisher's website)

#### **Journal Year range (Vol) Issue**

**Search terms used (if applicable)**

*Child Abuse and Neglect* 1985-Apr 2005 (9)1-(29)4 Browsing tables of contents

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(TOC's)  
parent\* w/05 "mental health"  
parent\* AND "mental health"  
parent\* w/05 disorder  
Munchausen syndrome

*Child Abuse Review* 1995-2005 (4)5-(14)2 Browsing tables of contents  
(TOC's)

*Children and Society* 1996-2005 (10)1-19(3) Browsing tables of contents  
(TOC's)  
Keyword mental health AND  
parent  
parental mental health  
mental health AND families  
parent AND (disability OR  
disorder)

*Psychiatric Bulletin* 2000-05 (24)1-(29)6 Browsing tables of contents  
(TOC's)  
parental mental health  
parent\* AND mental health  
parent\* AND (depression OR  
disorder)  
mentally ill parent\*

**Journal Year range (Vol) Issue Search terms used (if applicable)**

*Families in Society* 1985-2005 (66)1-(85)2 Browsing tables of contents  
(TOCs)  
parental mental health  
mentally ill parent\*  
parent AND (disorder OR  
disability)

*British Journal of Social Work* 1999-2005 (29)4-35(4) Browsing tables of contents  
(TOCs)  
parent\* AND "mental health"  
parent AND (disorder OR  
disability OR depres\*)  
impaired parent

*Health and Social Care in the Community* 2001-05 (9)1-13(3) Browsing tables of  
contents  
(TOCs)  
"parent\$ mental health"

*Journal of Substance Misuse* 2001-05 (6)1-(10)2-3 Browsing tables of contents

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(TOC's)

Abstract contains parent

Abstract contains comorbidity

*Child and Family Social Work* 1997-2005 (2)1-(10)2 Browsing tables of contents

(TOCs)

parent\* AND mental health

OR parent\* AND (depression

OR disorder)

parent\* AND postpartum OR

comorbidity

famil\* AND depress\*