

Supplementary Material

1 Search strategies for Scopus and MEDLINE:

Ovid MEDLINE(R) ALL <1946 to August 01, 2022>

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1      "special education* need*".kf,tw.      557
2      "education health and care plan*".kf,tw.      18
3      "additional support need*".kf,tw.      32
4      1 or 2 or 3 [specific SEND/ASN search string]      601
5      exp DISABLED PERSONS/ 71559
6      exp MENTAL DISORDERS/1385241
7      exp COMMUNICATION DISORDERS/ 67676
8      exp INTELLECTUAL DISABILITY/ 102982
9      (disable? or disabilit$ or handicap$ or disorder? or impair$ or condition? or difficulty or
difficulties or deficit? or dysfunct$).ti.      852346
10     (special needs or complex needs or additional needs or autism* or adhd).ti. 52250
11     ((learning or mental* or intellectual* or developmental*) adj (disabilit* or disabled or
handicap* or impair* or deficient* or disorder*)).kf,tw.      118472
12     5 or 6 or 7 or 8 or 9 or 10 or 11 [special needs or disabilities]      2088481
13     ADOLESCENT/ or MINORS/ 2185005
14     (adolescen$ or teen$ or youth$ or young or juvenile? or minors or highschool$).ti,ab.
954716
15     exp CHILD/ 2092049
16     (child$ or schoolchild$ or "school age" or "school aged" or preschool$ or toddler$ or kid? or
kindergar$ or boy? or girl? or "care leav$" or "leaving care").ti,ab. 1707043
17     exp INFANT/ 1225658
18     (infan$ or neonat$ or newborn$ or baby or babies).ti,ab. 813007
19     exp PEDIATRICS/ 62579
20     p?ediatric$.ti,ab. 414059
21     YOUNG ADULT/ 995129
22     young$ adult?.ti,ab. 115224
23     Family/ or exp Parents/ 211724
24     (family or families or parent* or mother* or father*).ti,ab. 1626127
25     13 or 14 or 15 or 16 or 17 or 18 or 19 or 20 or 21 or 22 or 23 or 24 6355085
26     (dementia or alzheimer*).mp.281317
27     25 not 26 [CYP/families] 6320116
28     HEALTH SERVICES/ or CHILD HEALTH SERVICES/ or ADOLESCENT HEALTH
SERVICES/ or exp COMMUNITY HEALTH SERVICES/ or HOME CARE SERVICES/ or
HEALTH SERVICES FOR PERSONS WITH DISABILITIES/ or MENTAL HEALTH SERVICES/
or NURSING SERVICES/ or exp HEALTH PERSONNEL/ 935000

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29 exp SOCIAL WORK/ or SOCIAL WORK, PSYCHIATRIC/ or SOCIAL WORKERS/ or
SOCIAL SUPPORT/ 95238

30 EDUCATION/ or exp EDUCATION, SPECIAL/ or SCHOOLS/ or SCHOOL HEALTH
SERVICES/ or SCHOOLS, NURSERY/ or exp NURSERIES/ or CHILD DAY CARE CENTERS/
or UNIVERSITIES/ or TEACHING/ or REMEDIAL TEACHING/ or SCHOOL TEACHERS/
198939

31 Health Services Accessibility/ or "Health Services Needs and Demand"/ 131471

32 support services.kf,tw. 6360

33 (health adj (service? or provision or provider? or professional?)).kf,tw. 210602

34 (care adj (service? or provision or provider? or professional?)).kf,tw. 138245

35 (healthcare adj (service? or provision or provider? or professional?)).kf,tw. 74490

36 (social care or social service* or social work*).kf,tw. 36117

37 (community adj2 (support or service? or provision or provider?)).kf,tw. 20797

38 (local authorit* adj2 (support or service? or provision or provider?)).kf,tw. 197

39 (education* adj (service? or provision or provider? or professional?)).kf,tw. 3769

40 (school or schools or teacher*).kf,tw. 339511

41 (key working or key worker? or keyword*).kf,tw. 452

42 28 or 29 or 30 or 31 or 32 or 33 or 34 or 35 or 36 or 37 or 38 or 39 or 40 or 41
[health/education/social services] 1743682

43 "Delivery of Health Care"/ or "Delivery of Health Care, Integrated"/ 123385

44 og.fs. 504176

45 Health Services Accessibility/ or "Health Services Needs and Demand"/ 131471

46 INTERINSTITUTIONAL RELATIONS/ 10824

47 INTERSECTORAL COLLABORATION/ 2564

48 service delivery.kf,tw. 17123

49 (service? adj2 (organi?ation or provision)).kf,tw. 13271

50 (service? adj1 (improve* or improving)).kf,tw. 5053

51 (quality adj1 (improve* or improving)).kf,tw. 82944

52 Quality Improvement/ 31267

53 good practice.kf,tw. 4440

54 (coproduction or "co production").kf,tw. 2944

55 (multidisciplinar* or multi disciplinar* or multiagency or multi agency or interprofessional or
inter professional or transprofessional or trans professional or interagency or inter agency or
interdisciplinar* or inter disciplinar* or transdisciplinar* or trans disciplinar*).kf,tw. 178005

56 ((partnership or collaborat*) adj4 (professional* or teacher* or teaching or parent? or
provider? or family or families or service? or agency or agencies or institution* or organi?ation* or
sector*)).kf,tw. 22191

57 joint commissioning.kf,tw. 34

58 (integrat* adj4 (service? or provision or commission*)).kf,tw. 10900

59 collaborative working.kf,tw. 707

60 (cross sector* or crosssector* or multi sector* or multisector*).kf,tw. 4971

61 43 or 44 or 45 or 46 or 47 or 48 or 49 or 50 or 51 or 52 or 53 or 54 or 55 or 56 or 57 or 58 or
59 or 60 [service delivery / improvement / integrated services / partnership working] 960401

62 exp United Kingdom/ 385806

63 (national health service* or nhs*).ab,in,ti. 249845

64 (english not ((published or publication* or translat* or written or language* or speak* or
literature or citation*) adj5 english)).ab,ti. 45544

65 (gb or "g.b." or britain* or (british* not "british columbia") or uk or "u.k." or united kingdom* or (england* not "new england") or northern ireland* or northern irish* or scotland* or scottish* or ((wales or "south wales") not "new south wales") or welsh*).ab,in,jw,ti. 2335969

66 (bath or "bath's" or ((birmingham not alabama*) or ("birmingham's" not alabama*) or bradford or "bradford's" or brighton or "brighton's" or bristol or "bristol's" or carlisle* or "carlisle's" or (cambridge not (massachusetts* or boston* or harvard*)) or ("cambridge's" not (massachusetts* or boston* or harvard*)) or (canterbury not zealand*) or ("canterbury's" not zealand*) or chelmsford or "chelmsford's" or chester or "chester's" or chichester or "chichester's" or coventry or "coventry's" or derby or "derby's" or (durham not (carolina* or nc)) or ("durham's" not (carolina* or nc)) or ely or "ely's" or exeter or "exeter's" or gloucester or "gloucester's" or hereford or "hereford's" or hull or "hull's" or lancaster or "lancaster's" or leeds* or leicester or "leicester's" or (lincoln not nebraska*) or ("lincoln's" not nebraska*) or (liverpool not (new south wales* or nsw)) or ("liverpool's" not (new south wales* or nsw)) or ((london not (ontario* or ont or toronto*)) or ("london's" not (ontario* or ont or toronto*)) or manchester or "manchester's" or (newcastle not (new south wales* or nsw)) or ("newcastle's" not (new south wales* or nsw)) or norwich or "norwich's" or nottingham or "nottingham's" or oxford or "oxford's" or peterborough or "peterborough's" or plymouth or "plymouth's" or portsmouth or "portsmouth's" or preston or "preston's" or ripon or "ripon's" or salford or "salford's" or salisbury or "salisbury's" or sheffield or "sheffield's" or southampton or "southampton's" or st albans or stoke or "stoke's" or sunderland or "sunderland's" or truro or "truro's" or wakefield or "wakefield's" or wells or westminster or "westminster's" or winchester or "winchester's" or wolverhampton or "wolverhampton's" or (worchester not (massachusetts* or boston* or harvard*)) or ("worchester's" not (massachusetts* or boston* or harvard*)) or (york not ("new york*" or ny or ontario* or ont or toronto*)) or ("york's" not ("new york*" or ny or ontario* or ont or toronto*))))).ab,in,ti. 1645499

67 (bangor or "bangor's" or cardiff or "cardiff's" or newport or "newport's" or st asaph or "st asaph's" or st davids or swansea or "swansea's").ab,in,ti. 65840

68 (aberdeen or "aberdeen's" or dundee or "dundee's" or edinburgh or "edinburgh's" or glasgow or "glasgow's" or inverness or (perth not australia*) or ("perth's" not australia*) or stirling or "stirling's").ab,in,ti. 242580

69 (armagh or "armagh's" or belfast or "belfast's" or lisburn or "lisburn's" or londonderry or "londonderry's" or derry or "derry's" or newry or "newry's").ab,in,ti. 31500

70 62 or 63 or 64 or 65 or 66 or 67 or 68 or 69 2932199

71 (exp africa/ or exp americas/ or exp antarctic regions/ or exp arctic regions/ or exp asia/ or exp australia/ or exp oceania/) not (exp United Kingdom/ or europe/) 3226147

72 70 not 71 [UK search filter, Ayiku et al 2017
<https://onlinelibrary.wiley.com/doi/10.1111/hir.12187>] 2778197

73 (Children and Families Act).kf,tw. 33

74 72 or 73 2778227

75 12 and 27 and 42 and 61 20325

76 4 or 75 20882

77 74 and 76 3221

78 limit 77 to yr="2012 -Current" 1625

Note:

Lines 62-72 are a validated UK search filter from: Ayiku, L., Levay, P., Hudson, T., Craven, J., Barrett, E., Finnegan, A. and Adams, R. (2017), The Medline UK filter: development and validation

of a geographic search filter to retrieve research about the UK from OVID Medline. Health Info Libr J, 34: 200-216. <https://doi.org/10.1111/hir.12187>

Child / young adult terms (lines 13-22) and the MeSH terms for different services (lines 28-30) are taken from, and terms for people with disabilities (lines 5-11) are based on, those used in: Disabled children and young people up to 25 with severe complex needs: integrated service delivery and organisation across health, social care and education. NICE guideline [NG213]: Evidence reviews – March 2022. Available from: <https://www.nice.org.uk/guidance/ng213/evidence/evidence-reviews-march-2022-11006670061?tab=evidence>

Voyant Tools was used to identify search terms and refine the search strategy: Sinclair S, Rockwell G. Voyant Tools. 2016. <http://voyant-tools.org/>

Scopus (Elsevier)

((TITLE-ABS-KEY ("special educational needs" OR "education health and care plan" OR ehcp OR "additional support needs") OR TITLE (disabled OR disability OR handicap OR disorder OR impairment OR condition OR difficulty OR difficulties OR deficit OR dysfunction) OR TITLE ("special needs" OR "complex needs" OR "additional needs" OR autism OR adhd)) OR KEY(disabled OR disability OR "special needs" OR "complex needs" OR "additional needs" OR autism OR adhd OR "learning difficulty")) AND ((TITLE-ABS-KEY(child OR schoolchild OR "school age*" OR preschool OR toddler OR kid OR boy OR girl OR adolescen* OR teen* OR youth OR young OR juvenile OR minors OR infan* OR neonat* OR newborn* OR baby OR babies OR p?ediatric* OR "care leaver" OR "leaving care") OR TITLE-ABS-KEY(family OR parent OR caregiver OR guardian))) AND (((TITLE-ABS-KEY("quality improvement" OR "service delivery") OR TITLE-ABS-KEY(service W/2 (provision OR organi?ation OR improve* OR improving)) OR TITLE-ABS-KEY("social work*" OR "social support" OR "social services" OR teachers OR senco OR sendco OR "support services" OR "key working" OR "key worker" OR keywork* OR coproduction OR "co-production" OR "joint commissioning" OR "collaborative working") OR TITLE-ABS-KEY((health OR care OR healthcare OR nursing OR therapy OR education* OR schools OR nurseries OR universities OR teaching OR community OR "local authority") W/3 (services OR professionals OR support OR provision OR providers)) OR TITLE-ABS-KEY("SEND provision" OR "SEND support" OR "SEND services" OR "SEND provider")))) OR ((TITLE-ABS-KEY(multidisciplinar* OR "multi disciplinar*" OR multiagency OR "multi agency" OR interprofessional OR "inter professional" OR transprofessional OR "trans professional" OR interagency OR "inter agency" OR interdisciplinary* OR "inter disciplinar*" OR transdisciplinar* OR "trans disciplinar*" OR "cross sector*" OR crosssector* OR "multi sector*" OR multisector*) OR TITLE-ABS-KEY((partnership OR collaborat*) W/4 (professional OR teacher OR teaching OR parent OR provider OR family OR families OR service OR agency OR institution OR organi?ation OR sector)) OR TITLE-ABS-KEY(integrat* W/4 (service OR provision OR commission*)))) AND ((AFFILCOUNTRY("united kingdom") OR TITLE-ABS-KEY(gb OR "g.b." OR britain OR (british AND NOT "british columbia") OR uk OR "u.k." OR "united kingdom" OR (england AND NOT "new england") OR "northern ireland" OR "northern irish" OR scotland OR scottish OR (wales AND NOT "new south wales") OR welsh) OR SRCTITLE(gb OR "g.b." OR britain OR (british AND NOT

"british columbia") OR uk OR "u.k." OR "united kingdom" OR (england AND NOT "new england") OR "northern ireland" OR "northern irish" OR scotland OR scottish OR (wales AND NOT "new south wales") OR welsh)) OR ((TITLE-ABS-KEY(English) AND NOT TITLE-ABS-KEY((published OR publication OR translate OR translation OR written OR language OR speak OR literature OR citation) W/5 english))) OR TITLE-ABS-KEY("Children and Families Act")) AND (PUBYEAR > 2011) AND NOT INDEX(medline)