

Mental wellbeing at work

Search strategies

NICE guideline <number>

Search strategies

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Review questions 1-5

1. Review question details

Topic: Mental wellbeing at work (update of PH22)

Review 1: Universal organisational-level interventions for all employees to improve and promote mental wellbeing, and prevent poor mental wellbeing

1.1 What universal, organisational-level interventions, programmes, policies or strategies are effective and cost effective at:

- promoting positive mental wellbeing?
- improving mental wellbeing?
- preventing poor mental wellbeing?

1.2 What interventions or strategies effectively and cost-effectively help employers and peers

- to recognise and engage employees who may require support for their mental wellbeing, or
- to identify periods of high risk within an organisation?

1.3 For the following groups in relation to organisational-level targeted interventions, what are their views and experiences of what and why certain approaches may or may not work, and how it could be improved:

- employees receiving them
- employers
- those delivering them?

Review 2: Universal training to help managers understand, recognise, improve and promote the mental wellbeing of their employees

Quantitative

2.1 What training to help managers to understand, promote and support mental wellbeing is effective and cost-effective?

2.2 What training is effective and cost-effective to help managers to improve their knowledge and skills in recognising employees who experience or are at risk of poor mental wellbeing?

2.3 What training is effective and cost-effective in helping managers to improve their knowledge and skills in responding to mental wellbeing issues?

Qualitative

2.4 For the following groups in relation to approaches to training managers in employee mental wellbeing, what are their views and experiences of what and why certain approaches may or may not work, and how it could be improved:

- managers receiving them
- employees who will interact with managers
- employers
- those delivering them?

Review 3: Workplace organisational-level interventions targeted to employees who experience or who are identified as being at risk of poor mental wellbeing

Quantitative

3.1 What, organisational-level interventions, programmes, policies or strategies targeted to employees who experience or are identified as being at risk of poor mental wellbeing at work are effective and cost effective at:

- promoting positive mental wellbeing?
- improving mental wellbeing?
- preventing poor mental wellbeing?

Qualitative

3.2 For the following groups in relation to organisational-level targeted interventions, what are their views and experiences of what and why certain approaches may or may not work, and how it could be improved:

- employees receiving them
- employers
- those delivering them?

Review 4: Universal individual-level interventions for all employees to improve and promote mental wellbeing, and prevent poor mental wellbeing

Quantitative

4.1 What universal, individual-level interventions, programmes, policies or strategies are effective and cost effective at:

- promoting positive mental wellbeing?
- improving mental wellbeing?
- preventing poor mental wellbeing?

Qualitative

4.2 For the following groups in relation to universal individual-level interventions, what are their views and experiences of what and why certain approaches may or may not work, and how it could be improved:

- those receiving them
- employers
- those delivering them?

Review 5: Workplace individual-level interventions targeted to employees who experience or who are identified as being at risk of poor mental wellbeing

Quantitative

5.1 What individual-level interventions targeted to employees who experience, or are identified as being at risk of, poor mental wellbeing at work are effective and cost effective for:

- promoting positive mental wellbeing?
- improving mental wellbeing?
- preventing poor mental wellbeing?

Qualitative

5.2 For the following groups in relation to individual-level targeted interventions, what are their views and experiences of what and why certain approaches may or may not work, and how it could be improved:

- those receiving them?
- employers?
- those delivering them?

2. Database strategy outline

2.1 Overview

These reviews have a broad scope, which means that the number of possible interventions cannot realistically be formalised into a finite list. Rather than focus on the interventions for the searches we chose to focus on identifying papers which mention the review population (i.e. workers) and outcomes.

Review questions 1-5 share their basic inclusion and exclusion criteria in terms of study types. Broadly speaking they differ in terms of whether the interventions in question are universal or targeted; implemented at the individual or organisational level; or whether they are focused on managers within the organisation. Given that these points-of-differentiation will not necessarily be reported in study abstracts we decided to pool these questions for the purposes of searching, with the Technical Analyst assuming responsibility for allocating included references to the relevant review question(s).

The initial search was developed in Medline. Line references below refer to the original Medline strategy...

The main population and outcome terms are in 4 clusters which are ultimately combined with the Boolean OR:

1. Outcomes that fully incorporate the idea of workplace wellbeing (e.g. "job satisfaction") – lines 1-9.
2. Outcomes with that incorporate the idea of work combined (Boolean AND-ed) with general mental wellbeing terms (e.g. absenteeism/ AND mental health/) – lines 10-26.
3. Remaining outcomes in the title or major subject headings of references AND-ed with work terms (e.g. depression AND workplace) – lines 27-72.
4. Same as cluster 3 but with the work terms in the title or as major subject headings rather than the outcome terms – lines 73-118.

Clusters 3 and 4 were run in a way that specifies at least one of the key concepts should either be in the title of a reference, or used as a major index heading, to manage over-retrieval of irrelevant material. In particular it is difficult to avoid papers about health workers treating mental conditions when dealing with this topic. This approach is consistent with the NICE guidelines development manual (PMG20, 2014), which states that:

“NICE encourages the use of search methods that balance recall and precision. The aim is to identify the best available evidence to address a particular question without producing an unmanageable volume of results”.

2.2 Filters and limits

Lines 120-122 are the standard filter used by NICE to identify randomised, controlled trials, which are slightly amended versions of the McMaster Hedges “Balanced” filters.

Lines 123-127 are used to identify other controlled study designs, based on analysis of non-randomised studies retrieved from the TRoPHI database that was carried out for these reviews. This combination was sufficient to retrieve over 90% of non-randomised trials that were included in the TRoPHI database and available in Medline.

Lines 135-148 are a novel filter designed to exclude non-OECD studies. This filter was developed at NICE and is currently “in press” with the *Journal of the Medical Library Association*. In practice it retains >99% of relevant studies.

2.3 Other notes

The final lines in the Medline strategy (150-152) were used to separate out abstracts which mention managers (or similar terminology) from those which don't. References from line 151 were fed into the EPPI Reviewer 5 database for question 2 (the “managers” review) and references from line 152 were fed into the database for the remaining questions. This was essentially a practical decision to ensure that most references for question 2 could be reviewed for an early committee meeting. In practice we recognised that there could be references in the “managers” review that may be relevant to the other questions and vice-versa so the review protocol allowed for sharing of relevant references between reviews. Effectively this can be viewed as one set of searches for 5 reviews that have been sub-divided after line 149 for purely administrative reasons. In addition, includable papers (where relevant) could also be shared across to-and-from review 6, which had different inclusion criteria.

2.4 Quality assurance

The Information Services team at NICE quality assured the principal search strategy and peer reviewed the strategies for the other databases according to the standard NICE checklist that was adapted from the 2015 Peer review of electronic search strategies (PRESS) checklist.

3. Search dates

Database name	Date searched	Database Platform	Database segment or version
Applied Social Science Index and Abstracts (ASSIA)	Original searches 2 nd December 2019	ProQuest	1987-current (note that ProQuest do not give the dates that ASSIA was last updated when searching)
	Rerun searches 1 st February 2021		
Cochrane Central Register of Controlled Trials (CENTRAL) / Cochrane Database of Systematic Reviews (CDSR)	Original searches 2 nd December 2019	Wiley	Issue 12 of 12, 2019 (both databases)
	Rerun searches 1 st February 2021		Issue 2 of 12, 2021 (both databases)
Econlit	Original searches 2 nd December 2019	Ovid	1886 to November 21, 2019
	Rerun searches 1 st February 2021		1886 to January 21, 2021
Embase	Original searches 28 th November 2019	Ovid	1996 to 2019 November 27
	Rerun searches 1 st		1996 to 2021 January 29

	February 2021		
Epistemonikos	Original searches 2 nd December 2019	-	Not applicable
	Rerun searches 1 st February 2021		
HealthEvidence.org	Original searches 2 nd December 2019	-	Not applicable
	Rerun searches 1 st February 2021		
MEDLINE ALL	Original searches 28 th November 2019	Ovid	1946 to November 27, 2019
	Rerun searches 1 st February 2021		1946 to January 29, 2021
PsycINFO	Original searches 2 nd December 2019	Ovid	2002 to November Week 4 2019
	Rerun searches		2002 to January Week 4 2021

	1 st February 2021		
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4. Number of records retrieved

4.1 Question 2

Search source	No. of records retrieved (original searches)	No. of records retrieved (rerun searches)	Results ¹	De-duplicated
Applied Social Science Index and Abstracts (ASSIA)	1521	631	30833	19377
Cochrane Central Register of Controlled Trials (CENTRAL)	1325	200		
Cochrane Database of Systematic Reviews (CDSR)	78	12		
Econlit	87	21		
Embase	7984	1924		
Epistemonikos	159 / 39 / 435 / 368 (search carried out in four clusters – see below for details)	54 / 14 / 221 / 239 (search carried out in four clusters – see below for details)		
HealthEvidence.org	56	6		
MEDLINE ALL	5808	1411		

¹ Totals do not include references included in the previous NICE review (PH22) and additional references suggested by the guideline committee that were also considered for this review question.

PsycINFO	6987	835	
DWP Research Reports	1	-	
What Works Wellbeing centre	3	-	
Reference harvesting	270		
Forward citation searching	144		

4.2 Questions 1, 3, 4, 5

Search source	No. of records retrieved (original searches)	No. of records retrieved (rerun searches)	Results ²	De-duplicated
Applied Social Science Index and Abstracts (ASSIA)	7880	3274	118354	72217
Cochrane Central Register of Controlled Trials (CENTRAL)	5139	900		
Cochrane Database of Systematic Reviews (CDSR)	137	17		
Econlit	332	63		
Embase	24811	6402		

² Totals do not include references included in the previous NICE review (PH22) and additional references suggested by the guideline committee that were also considered for these review questions.

Epistemonikos	313 / 126 / 2036 / 1478 (search carried out in four clusters – see below for details)	100 / 34 / 1207 / 1283 (search carried out in four clusters – see below for details)	
HealthEvidence.org	109	19	
MEDLINE ALL	21109	5388	
PsycINFO	21932	2829	
DWP Research Reports	75	-	
What Works Wellbeing centre	10	2	
Reference harvesting	5671		
Forward citation searching	5678		

5. Database search strategies

5.1 Applied Social Science Index and Abstracts (ASSIA)

5.1.1 Original searches

Set#	Searched for	Results
S3	<p>(((MAINSUBJECT.EXACT.EXPLODE("Employment") OR MAINSUBJECT.EXACT("Occupational stress" OR "Occupational stress management" OR "Job satisfaction" OR "Job involvement" OR "Workaholism") OR TI,AB("job satisfaction" OR ((satisfaction OR satisfied OR engaged OR engagement OR motivation OR motivated) NEAR/3 (work OR worker OR workers OR job OR jobs OR workforce OR workplace)))) OR ((MAINSUBJECT.EXACT("Absenteeism" OR "Work behaviour" OR "Job Performance") OR MAINSUBJECT.EXACT.EXPLODE("Wellbeing" OR "Adaptation") OR TI,AB(absenteeism OR presenteeism OR (work NEAR/3 performance) OR (job NEAR/3 performance))) AND (MAINSUBJECT.EXACT("Resilience") OR MAINSUBJECT("Mental Health" OR "Psychological") OR TI,AB("well-being" OR mental OR mentally OR psychology OR psychological OR psychologically OR psychiatry OR psychiatric OR psychiatrically))) OR (TI(wellbeing OR "well-being" OR stress OR burnout OR fatigue OR fatigued OR tired OR tiredness OR depression OR depressed OR anxiety OR insomnia OR sleep OR productivity OR (confidence NOT ("confidence interval" OR "confidence intervals")) OR "self esteem" OR (mental NEAR/9 (literacy OR knowledge OR attitude OR attitudes OR awareness OR communication OR communications OR communicative OR communicativeness OR skill OR skills OR competent OR competency OR competence OR competencies OR competently OR uptake OR "take-up")) OR ("quality of life" OR "quality adjusted life" OR qaly OR qalys OR qald OR qalds OR qale OR qales OR qtime OR qtimes)) AND (MAINSUBJECT.EXACT.EXPLODE("Employment" OR "Employees" OR "Employees" OR "Work" OR "Working Hours" OR "Work commitment" OR "Work values" OR "Occupational health" OR "Jobs" OR "Corporate culture" OR "Work organization" OR "Professionals" OR "Personnel management" OR "Human resources management" OR "Staffing") OR MAINSUBJECT.EXACT("Labour force" OR "Workplace control" OR "Workplace learning" OR "Workplaces" OR "Working style" OR "Work status" OR "Work-family conflict" OR "Work-leisure conflict" OR "Work-leisure attitudes" OR "Work-school conflict" OR "Work site programmes" OR "Organizational policy" OR "Organizational factors" OR "Organizational environment" OR</p>	9926

<p>"Work environment" OR "Organizational models" OR "Organizational structure" OR "Organizational support" OR "Personnel" OR "Manpower planning" OR "Staffing levels" OR "Occupational diseases") OR MAINSUBJECT("Occupational" OR "Employment" OR "Colleagues" OR "Staff") OR TI,AB,PUB(employee OR employees OR employment OR employed OR work OR worker OR workers OR workload OR workloads OR workplace OR workplaces OR worksite OR worksites OR occupational OR job OR jobs OR organisation OR organization OR organisations OR organizations OR organisational OR organizational OR company OR companies OR corporation OR corporations OR personnel OR staff OR staffing OR colleague OR colleagues OR coworker OR coworkers) OR TI,PUB (profession OR professions OR professional OR professionals))) OR ((MAINSUBJECT.EXACT.EXPLODE("Wellbeing" OR "Depression" OR "Anxiety" OR "Sleep" OR "Productivity" OR "Selfesteem") OR MAINSUBJECT.EXACT("Stress" OR "Daily Stress" OR "Critical incident stress" OR "Life Stress" OR "Nervous breakdown" OR "Role stress" OR "Social stress" OR "Traumatic stress" OR "Burnout" OR "Fatigue" OR "Mental fatigue" OR "Anxiety-Depression" OR "Anxiety disorders" OR "Acute Stress disorder" OR "Generalized anxiety disorders" OR "Panic disorders" OR "Sleep problems" OR "Sleep deprivation" OR "Selfconfidence" OR "Selfacceptance" OR "Selfactualization" OR "Selfcongruence" OR "Selfefficacy" OR "Mental health perspectives" OR "Quality adjusted life years" OR "Quality of life") OR TI,AB(wellbeing OR "well-being" OR stress OR burnout OR fatigue OR fatigued OR tired OR tiredness OR depression OR depressed OR anxiety OR insomnia OR sleep OR productivity OR (confidence NOT ("confidence interval" OR "confidence intervals"))) OR "self esteem" OR (mental NEAR/9 (literacy OR knowledge OR attitude OR attitudes OR awareness OR communication OR communications OR communicative OR communicativeness OR skill OR skills OR competent OR competency OR competence OR competencies OR competently OR uptake OR "take-up"))) OR ("quality of life" OR "quality adjusted life" OR qaly OR qalys OR qald OR qalds OR qale OR qales OR qtime OR qtimes))) AND (TI,PUB(employee OR employees OR employment OR employed OR work OR worker OR workers OR workload OR workloads OR workplace OR workplaces OR worksite OR worksites OR occupational OR job OR jobs OR organisation OR organization OR organisations OR organizations OR organisational OR organizational OR company OR companies OR corporation OR corporations OR personnel OR staff OR staffing OR colleague OR colleagues OR coworker OR coworkers) OR TI,PUB(profession OR professions OR professional OR professionals)))) AND (MAINSUBJECT.EXACT.EXPLODE("Randomized controlled trials") OR MAINSUBJECT.EXACT("Prospective controlled trials" OR "Case controlled studies") OR TI,AB(randomised OR</p>	
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	randomized OR intervention OR interventions OR program OR programme OR trial))) AND pd(20070101-20191128)) AND la.exact("ENG")	
S4	(MAINSUBJECT.EXACT.EXPLODE("Personnel management" OR "Human resources management")) OR (TI,AB(manager OR managers OR management OR supervisor OR supervisors OR "team leader" OR "team leaders" OR "team leadership" OR "line leader" OR "line leaders" OR "line leadership"))	80131
S5	S3 AND S4	1537
S6	S3 NOT S4	8389

Notes

1. ProQuest runs together search lines into a single block once they're OR-ed together but the main cluster above (S3) is the equivalent of line 130 in Medline with a publication date limited added.
2. There is a discrepancy between the number of hits returned in ASSIA (line S5 for question 2 and line S6 for the rest of questions 1-5) and the number of references downloaded. The totals in the tables on pages 7 and 8 reflect the number of references downloaded and included in the review. We have had a persistent problem with ProQuest databases whereby we are unable to download entire reference sets and therefore take the pragmatic decision to download what we can and report both totals. The same problem did not reoccur for the rerun searches.

5.1.2 Rerun searches

Set#	Searched for	Results
S1	(((MAINSUBJECT.EXACT.EXPLODE("Employment") OR MAINSUBJECT.EXACT("Occupational stress" OR "Occupational stress management" OR "Job satisfaction" OR "Job involvement" OR "Workaholism") OR TI,AB("job satisfaction" OR ((satisfaction OR satisfied OR engaged OR engagement OR motivation OR motivated) NEAR/3 (work OR worker OR workers OR job OR jobs OR workforce OR workplace)))) OR ((MAINSUBJECT.EXACT("Absenteeism" OR "Work behaviour" OR "Job Performance") OR MAINSUBJECT.EXACT.EXPLODE("Wellbeing" OR "Adaptation") OR TI,AB(absenteeism OR presenteeism OR (work NEAR/3 performance) OR (job NEAR/3 performance))) AND (MAINSUBJECT.EXACT("Resilience") OR MAINSUBJECT("Mental Health" OR "Psychological") OR TI,AB("well-being" OR mental OR mentally OR psychology OR	3905

<p>psychological OR psychologically OR psychiatry OR psychiatric OR psychiatrically))) OR (TI(wellbeing OR "well-being" OR stress OR burnout OR fatigue OR fatigued OR tired OR tiredness OR depression OR depressed OR anxiety OR insomnia OR sleep OR productivity OR (confidence NOT ("confidence interval" OR "confidence intervals")) OR "self esteem" OR (mental NEAR/9 (literacy OR knowledge OR attitude OR attitudes OR awareness OR communication OR communications OR communicative OR communicativeness OR skill OR skills OR competent OR competency OR competence OR competencies OR competently OR uptake OR "take-up")) OR ("quality of life" OR "quality adjusted life" OR qaly OR qalys OR qald OR qalds OR qale OR qales OR qtime OR qtimes)) AND (MAINSUBJECT.EXACT.EXPLODE("Employment" OR "Employees" OR "Employees" OR "Work" OR "Working Hours" OR "Work commitment" OR "Work values" OR "Occupational health" OR "Jobs" OR "Corporate culture" OR "Work organization" OR "Professionals" OR "Personnel management" OR "Human resources management" OR "Staffing") OR MAINSUBJECT.EXACT("Labour force" OR "Workplace control" OR "Workplace learning" OR "Workplaces" OR "Working style" OR "Work status" OR "Work-family conflict" OR "Work-leisure conflict" OR "Work-leisure attitudes" OR "Work-school conflict" OR "Work site programmes" OR "Organizational policy" OR "Organizational factors" OR "Organizational environment" OR "Work environment" OR "Organizational models" OR "Organizational structure" OR "Organizational support" OR "Personnel" OR "Manpower planning" OR "Staffing levels" OR "Occupational diseases") OR MAINSUBJECT("Occupational" OR "Employment" OR "Colleagues" OR "Staff") OR TI,AB,PUB(employee OR employees OR employment OR employed OR work OR worker OR workers OR workload OR workloads OR workplace OR workplaces OR worksite OR worksites OR occupational OR job OR jobs OR organisation OR organization OR organisations OR organizations OR organisational OR organizational OR company OR companies OR corporation OR corporations OR personnel OR staff OR staffing OR colleague OR colleagues OR coworker OR coworkers) OR TI,PUB (profession OR professions OR professional OR professionals))) OR ((MAINSUBJECT.EXACT.EXPLODE("Wellbeing" OR "Depression" OR "Anxiety" OR "Sleep" OR "Productivity" OR "Selfesteem") OR MAINSUBJECT.EXACT("Stress" OR "Daily Stress" OR "Critical incident stress" OR "Life Stress" OR "Nervous breakdown" OR "Role stress" OR "Social stress" OR "Traumatic stress" OR "Burnout" OR "Fatigue" OR "Mental fatigue" OR "Anxiety-Depression" OR "Anxiety disorders" OR "Acute Stress disorder" OR "Generalized anxiety disorders" OR "Panic disorders" OR "Sleep problems" OR "Sleep deprivation" OR "Selfconfidence" OR "Selfacceptance" OR "Selfactualization" OR "Selfcongruence" OR "Selfefficacy" OR "Mental health perspectives" OR "Quality adjusted life years" OR "Quality of life") OR TI,AB(wellbeing OR "well-being" OR stress OR burnout OR fatigue OR fatigued OR tired OR tiredness OR depression OR</p>	
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	depressed OR anxiety OR insomnia OR sleep OR productivity OR (confidence NOT ("confidence interval" OR "confidence intervals")) OR "self esteem" OR (mental NEAR/9 (literacy OR knowledge OR attitude OR attitudes OR awareness OR communication OR communications OR communicative OR communicativeness OR skill OR skills OR competent OR competency OR competence OR competencies OR competently OR uptake OR "take-up")) OR ("quality of life" OR "quality adjusted life" OR qaly OR qalys OR qald OR qalds OR qale OR qales OR qtime OR qtimes))) AND (TI,PUB(employee OR employees OR employment OR employed OR work OR worker OR workers OR workload OR workloads OR workplace OR workplaces OR worksite OR worksites OR occupational OR job OR jobs OR organisation OR organization OR organisations OR organizations OR organisational OR organizational OR company OR companies OR corporation OR corporations OR personnel OR staff OR staffing OR colleague OR colleagues OR coworker OR coworkers) OR TI,PUB(profession OR professions OR professional OR professionals)))) AND (MAINSUBJECT.EXACT.EXPLODE("Randomized controlled trials") OR MAINSUBJECT.EXACT("Prospective controlled trials" OR "Case controlled studies") OR TI,AB(randomised OR randomized OR intervention OR interventions OR program OR programme OR trial))) AND ud(20191128-20210201)) AND la.exact("ENG")	
S2	(MAINSUBJECT.EXACT.EXPLODE("Personnel management" OR "Human resources management")) OR (TI,AB(manager OR managers OR management OR supervisor OR supervisors OR "team leader" OR "team leaders" OR "team leadership" OR "line leader" OR "line leaders" OR "line leadership"))	84384
S3	S1 AND S2	631
S4	S1 NOT S2	3274

5.2 Cochrane Central Register of Controlled Trials (CENTRAL) / Cochrane Database or Systematic Reviews (CDSR)

5.2.1 Original searches

ID	Search
#1	[mh "Occupational Stress"]
#2	[mh ^"Burnout, Professional"]
#3	[mh ^"Job Satisfaction"]
#4	"job satisfaction":ti,ab
#5	(satisf* NEAR/3 (work* or job*)):ti,ab
#6	[mh ^"work engagement"]
#7	(engage* NEAR/3 (work* or job*)):ti,ab
#8	((motivation or motivated) NEAR/3 (work* or job*)):ti,ab
#9	{OR #1-#8}
#10	[mh ^"absenteeism"]
#11	absenteeism:ti,ab
#12	[mh ^"Presenteeism"]
#13	presenteeism:ti,ab
#14	[mh ^"Work Performance"]
#15	(work NEAR/3 performance):ti,ab
#16	(job NEAR/3 performance):ti,ab
#17	{OR #10-#16}
#18	wellbeing:ti,ab
#19	"well-being":ti,ab
#20	[mh ^"Mental Health"]
#21	mental*:ti,ab
#22	[mh ^"Resilience, Psychological"]
#23	[mh ^"Adaptation, Psychological"]
#24	psych*:ti,ab
#25	{OR #18-#24}
#26	#17 AND #25
#27	wellbeing:ti

- #28 "well-being":ti
- #29 [mh "Stress, Psychological" [m]]
- #30 stress:ti
- #31 burnout:ti
- #32 [mh "Fatigue" [m]]
- #33 fatigue*:ti
- #34 tired*:ti
- #35 [mh ^"Depression" [m]]
- #36 (depression or depressed):ti
- #37 [mh ^"Anxiety" [m]]
- #38 anxiety:ti
- #39 [mh ^"Sleep Initiation and Maintenance Disorders" [m]] OR [mh ^"Sleep" [m]]
OR [mh ^"Sleep Deprivation" [m]]
- #40 insomnia:ti
- #41 sleep:ti
- #42 productivity:ti
- #43 [mh "Efficiency" [m]]
- #44 (confidence NOT "confidence interval*"):ti
- #45 [mh ^"self concept" [m]]
- #46 [mh ^"self efficacy" [m]]
- #47 "self esteem":ti
- #48 (mental NEAR/9 (literacy or knowledge or attitude* or awareness or
communicat* or skill* or competen* or uptake or "take-up")):ti
- #49 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*):ti
- #50 [mh ^"Quality of Life" [m]]
- #51 [mh ^"Quality-Adjusted Life Years" [m]]
- #52 {OR #27-#51}
- #53 [mh ^"employment"] OR [mh ^"employment, supported"]
- #54 (employee* or employment or employed):ti,ab,so
- #55 [mh ^"Workplace"]
- #56 (work or worker* or workload*):ti,ab,so
- #57 (workplace* or worksite*):ti,ab,so
- #58 occupational:ti,ab,so

- #59 (job or jobs):ti,ab,so
- #60 (organisations or organisational or company or companies or corporation*):ti,ab,so
- #61 personnel:ti,ab,so
- #62 [mh "occupational groups"]
- #63 profession*:ti,so
- #64 (staff or staffing):ti,ab,so
- #65 (colleague* or coworker*):ti,ab,so
- #66 [mh ^"Occupational Diseases"]
- #67 [mh ^"Job Satisfaction"]
- #68 [mh ^"Occupational Health"]
- #69 [mh ^"Occupational Health Services"]
- #70 [mh ^"Personnel Staffing and Scheduling"]
- #71 [mh ^"Organizational Culture"]
- #72 {OR #53-#71}
- #73 #52 AND #72
- #74 wellbeing:ti,ab
- #75 "well-being":ti,ab
- #76 [mh "Stress, Psychological"]
- #77 stress:ti,ab
- #78 burnout:ti,ab
- #79 [mh "Fatigue"]
- #80 fatigue*:ti,ab
- #81 tired*:ti,ab
- #82 [mh ^"Depression"]
- #83 (depression or depressed):ti,ab
- #84 [mh ^"Anxiety"]
- #85 anxiety:ti,ab
- #86 [mh ^"Sleep Initiation and Maintenance Disorders"] OR [mh ^"Sleep"] OR [mh ^"Sleep Deprivation"]
- #87 insomnia:ti,ab
- #88 sleep:ti,ab
- #89 productivity:ti,ab

- #90 [mh "Efficiency"]
- #91 (confidence NOT "confidence interval*"):ti,ab
- #92 [mh ^"self concept"]
- #93 [mh ^"self efficacy"]
- #94 "self esteem":ti,ab
- #95 (mental NEAR/9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")):ti,ab
- #96 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*):ti,ab
- #97 [mh ^"Quality of Life"]
- #98 [mh ^"Quality-Adjusted Life Years"]
- #99 {OR #74-#98}
- #100 [mh ^"employment" [m]] OR [mh ^"employment, supported" [m]]
- #101 (employee* OR employment OR employed):ti,so
- #102 [mh ^"Workplace" [m]]
- #103 (work or worker* or workload*):ti,so
- #104 (workplace* or worksite*):ti,so
- #105 occupational:ti,so
- #106 (job or jobs):ti,so
- #107 (organi?ations or organi?ational or company or companies or corporation*):ti,so
- #108 personnel:ti,so
- #109 [mh "occupational groups" [m]]
- #110 profession*:ti,so
- #111 (staff or staffing):ti,so
- #112 (colleague* or coworker*):ti,so
- #113 [mh ^"Occupational Diseases" [m]]
- #114 [mh ^"Job Satisfaction" [m]]
- #115 [mh ^"Occupational Health" [m]]
- #116 [mh ^"Occupational Health Services" [m]]
- #117 [mh ^"Personnel Staffing and Scheduling" [m]]
- #118 [mh ^"Organizational Culture" [m]]
- #119 {OR #100-#118}

#120 #99 AND #119

#121 #9 OR #26 OR #73 OR #120

#122 "conference":pt or (clinicaltrials or clinicaltrialsregister or ".who.int" or trialsearch):so

#123 #121 NOT #122

#124 (manage* or supervis* or "team leader*" or "line leader*"):ti,ab

#125 #123 AND #124

#126 #123 NOT #124

5.2.2 Rerun searches

ID Search

#1 [mh "Occupational Stress"]

#2 [mh ^"Burnout, Professional"]

#3 [mh ^"Job Satisfaction"]

#4 "job satisfaction":ti,ab

#5 (satisf* NEAR/3 (work* or job*)):ti,ab

#6 [mh ^"work engagement"]

#7 (engage* NEAR/3 (work* or job*)):ti,ab

#8 ((motivation or motivated) NEAR/3 (work* or job*)):ti,ab

#9 {OR #1-#8}

#10 [mh ^"absenteeism"]

#11 absenteeism:ti,ab

#12 [mh ^"Presenteeism"]

#13 presenteeism:ti,ab

#14 [mh ^"Work Performance"]

#15 (work NEAR/3 performance):ti,ab

#16 (job NEAR/3 performance):ti,ab

#17 {OR #10-#16}

#18 wellbeing:ti,ab

#19 "well-being":ti,ab

#20 [mh ^"psychology, positive"]

#21 [mh ^"Mental Health"]

#22 mental*:ti,ab

- #23 [mh ^"Resilience, Psychological"]
- #24 [mh ^"Adaptation, Psychological"]
- #25 psych*:ti,ab
- #26 {OR #18-#25}
- #27 #17 AND #26
- #28 wellbeing:ti
- #29 "well-being":ti
- #30 [mh ^"psychology, positive" [mj]]
- #31 [mh "Stress, Psychological" [mj]]
- #32 stress:ti
- #33 burnout:ti
- #34 [mh "Fatigue" [mj]]
- #35 fatigue*:ti
- #36 tired*:ti
- #37 [mh ^"Depression" [mj]]
- #38 (depression or depressed):ti
- #39 [mh ^"Anxiety" [mj]]
- #40 anxiety:ti
- #41 [mh ^"Sleep Initiation and Maintenance Disorders" [mj]] OR [mh ^"Sleep" [mj]]
OR [mh ^"Sleep Deprivation" [mj]]
- #42 insomnia:ti
- #43 sleep:ti
- #44 productivity:ti
- #45 [mh "Efficiency" [mj]]
- #46 (confidence NOT "confidence interval*"):ti
- #47 [mh ^"self concept" [mj]]
- #48 [mh ^"self efficacy" [mj]]
- #49 "self esteem":ti
- #50 (mental NEAR/9 (literacy or knowledge or attitude* or awareness or
communicat* or skill* or competen* or uptake or "take-up")):ti
- #51 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*):ti
- #52 [mh ^"Quality of Life" [mj]]
- #53 [mh ^"Quality-Adjusted Life Years" [mj]]

- #54 {OR #28-#53}
- #55 [mh ^"employment"] OR [mh ^"employment, supported"]
- #56 (employee* or employment or employed):ti,ab,so
- #57 [mh ^"Workplace"]
- #58 (work or worker* or workload*):ti,ab,so
- #59 (workplace* or worksite*):ti,ab,so
- #60 occupational:ti,ab,so
- #61 (job or jobs):ti,ab,so
- #62 (organi?ations or organi?ational or company or companies or corporation*):ti,ab,so
- #63 personnel:ti,ab,so
- #64 [mh "occupational groups"]
- #65 profession*:ti,so
- #66 (staff or staffing):ti,ab,so
- #67 (colleague* or coworker*):ti,ab,so
- #68 [mh ^"Occupational Diseases"]
- #69 [mh ^"Job Satisfaction"]
- #70 [mh ^"Occupational Health"]
- #71 [mh ^"Occupational Health Services"]
- #72 [mh ^"Personnel Staffing and Scheduling"]
- #73 [mh ^"Organizational Culture"]
- #74 {OR #55-#73}
- #75 #54 AND #74
- #76 wellbeing:ti,ab
- #77 "well-being":ti,ab
- #78 [mh ^"psychology, positive"]
- #79 [mh "Stress, Psychological"]
- #80 stress:ti,ab
- #81 burnout:ti,ab
- #82 [mh "Fatigue"]
- #83 fatigue*:ti,ab
- #84 tired*:ti,ab
- #85 [mh ^"Depression"]

- #86 (depression or depressed):ti,ab
- #87 [mh ^"Anxiety"]
- #88 anxiety:ti,ab
- #89 [mh ^"Sleep Initiation and Maintenance Disorders"] OR [mh ^"Sleep"] OR [mh ^"Sleep Deprivation"]
- #90 insomnia:ti,ab
- #91 sleep:ti,ab
- #92 productivity:ti,ab
- #93 [mh "Efficiency"]
- #94 (confidence NOT "confidence interval*"):ti,ab
- #95 [mh ^"self concept"]
- #96 [mh ^"self efficacy"]
- #97 "self esteem":ti,ab
- #98 (mental NEAR/9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")):ti,ab
- #99 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*):ti,ab
- #100 [mh ^"Quality of Life"]
- #101 [mh ^"Quality-Adjusted Life Years"]
- #102 {OR #76-#101}
- #103 [mh ^"employment" [mj]] OR [mh ^"employment, supported" [mj]]
- #104 (employee* OR employment OR employed):ti,so
- #105 [mh ^"Workplace" [mj]]
- #106 (work or worker* or workload*):ti,so
- #107 (workplace* or worksite*):ti,so
- #108 occupational:ti,so
- #109 (job or jobs):ti,so
- #110 (organi?ations or organi?ational or company or companies or corporation*):ti,so
- #111 personnel:ti,so
- #112 [mh "occupational groups" [mj]]
- #113 profession*:ti,so
- #114 (staff or staffing):ti,so
- #115 (colleague* or coworker*):ti,so

- #116 [mh ^"Occupational Diseases" [mj]]
- #117 [mh ^"Job Satisfaction" [mj]]
- #118 [mh ^"Occupational Health" [mj]]
- #119 [mh ^"Occupational Health Services" [mj]]
- #120 [mh ^"Personnel Staffing and Scheduling" [mj]]
- #121 [mh ^"Organizational Culture" [mj]]
- #122 {OR #103-#121}
- #123 #102 AND #122
- #124 #9 OR #27 OR #75 OR #123
- #125 "conference":pt or (clinicaltrials or clinicaltrialsregister or ".who.int" or trialsearch):so
- #126 #124 NOT #125
- #127 (manage* or supervis* or "team leader*" or "line leader*"):ti,ab
- #128 #126 AND #127 with Cochrane Library publication date Between Dec 2019 and Feb 2021
- #129 #126 AND #127
- #130 #126 NOT #127 with Cochrane Library publication date Between Dec 2019 and Feb 2021
- #131 #126 NOT #127

Notes

Line 128 downloaded as CDSR results for Qs 1, 3, 4, 5

Line 129 downloaded as CDSR results for Q2

Line 130 downloaded as CDSR results for Qs 1, 3, 4, 5

Line 131 downloaded as CDSR results for Q2

5.3 Econlit

5.3.1 Original searches

- 1 "job satisfaction".ti,ab. (1617)
- 2 (satisf* adj3 (work* or job*)).ti,ab. (2055)
- 3 (engage* adj3 (work* or job*)).ti,ab. (568)
- 4 ((motivation or motivated) adj3 (work* or job*)).ti,ab. (609)
- 5 or/1-4 (3133)
- 6 absenteeism.ti,ab. (553)
- 7 presenteeism.ti,ab. (39)
- 8 (work adj3 performance).ti,ab. (501)
- 9 (job adj3 performance).ti,ab. (477)
- 10 or/6-9 (1497)
- 11 wellbeing.ti,ab. (1586)
- 12 "well-being".ti,ab. (8536)
- 13 l31.cc. (12081)
- 14 mental*.ti,ab. (3939)
- 15 psych*.ti,ab. (10613)
- 16 or/11-15 (30068)
- 17 10 and 16 (132)
- 18 wellbeing.ti. (453)
- 19 "well-being".ti. (2823)
- 20 stress.ti. (1482)
- 21 burnout.ti. (123)
- 22 fatigue*.ti. (87)
- 23 tired*.ti. (14)
- 24 (depression or depressed).ti. (1787)
- 25 anxiety.ti. (152)
- 26 insomnia.ti. (9)
- 27 sleep.ti. (88)
- 28 productivity.ti. (16384)
- 29 (confidence not "confidence interval").ti. (1035)
- 30 "self esteem".ti. (101)

- 31 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti. (13)
- 32 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti. (1191)
- 33 or/18-32 (25552)
- 34 (employee* or employment or employed).ti,ab,jx. (87157)
- 35 (work or worker* or workload*).ti,ab,jx. (107651)
- 36 (workplace* or worksite*).ti,ab,jx. (5218)
- 37 occupational.ti,ab,jx. (6381)
- 38 (job or jobs).ti,ab,jx. (31701)
- 39 (organi?ations or organi?ational or company or companies or corporation*).ti,ab,jx. (90989)
- 40 personnel.ti,ab,jx. (3079)
- 41 profession*.ti,jx. (3817)
- 42 (staff or staffing).ti,ab,jx. (5966)
- 43 (colleague* or coworker*).ti,ab,jx. (1248)
- 44 (D22 or J3* or J4* or J5* or J6* or J7* or J8*).cc. (103232)
- 45 or/34-44 (313447)
- 46 33 and 45 (6590)
- 47 wellbeing.ti,ab. (1586)
- 48 "well-being".ti,ab. (8536)
- 49 l31.cc. (12081)
- 50 stress.ti,ab. (5872)
- 51 burnout.ti,ab. (185)
- 52 fatigue*.ti,ab. (286)
- 53 tired*.ti,ab. (80)
- 54 (depression or depressed).ti,ab. (5086)
- 55 anxiety.ti,ab. (717)
- 56 insomnia.ti,ab. (18)
- 57 sleep.ti,ab. (234)
- 58 productivity.ti,ab. (45776)
- 59 (confidence not "confidence interval").ti,ab. (5366)
- 60 "self esteem".ti,ab. (466)

- 61 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti,ab. (132)
- 62 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti,ab. (3469)
- 63 or/47-62 (81078)
- 64 (employee* or employment or employed).ti,jx. (24583)
- 65 (work or worker* or workload*).ti,jx. (22319)
- 66 (workplace* or worksite*).ti,jx. (1767)
- 67 occupational.ti,jx. (2456)
- 68 (job or jobs).ti,jx. (9726)
- 69 (organi?ations or organi?ational or company or companies or corporation*).ti,jx. (25361)
- 70 personnel.ti,jx. (722)
- 71 profession*.ti,jx. (3817)
- 72 (staff or staffing).ti,jx. (2019)
- 73 (colleague* or coworker*).ti,jx. (107)
- 74 or/64-73 (86506)
- 75 63 and 74 (5771)
- 76 5 or 17 or 46 or 75 (13219)
- 77 randomi?ed.mp. (3406)
- 78 placebo.mp. (386)
- 79 intervention.ti,ab. (12716)
- 80 interventions.ti,ab. (9338)
- 81 program.ti,ab. (26689)
- 82 programme.ti,ab. (6651)
- 83 trial.ti,ab. (2664)
- 84 or/77-83 (55836)
- 85 76 and 84 (635)
- 86 limit 85 to (yr="2007 -Current" and english) (419)
- 87 (manage* or supervis* or "team leader*" or "line leader*").ti,ab. (111596)
- 88 86 and 87 (87)
- 89 86 not 87 (332)

5.3.2 Rerun searches

- 1 "job satisfaction".ti,ab. (1745)
- 2 (satisf* adj3 (work* or job*)).ti,ab. (2226)
- 3 (engage* adj3 (work* or job*)).ti,ab. (640)
- 4 ((motivation or motivated) adj3 (work* or job*)).ti,ab. (658)
- 5 or/1-4 (3407)
- 6 absenteeism.ti,ab. (585)
- 7 presenteeism.ti,ab. (43)
- 8 (work adj3 performance).ti,ab. (557)
- 9 (job adj3 performance).ti,ab. (536)
- 10 or/6-9 (1643)
- 11 wellbeing.ti,ab. (1787)
- 12 "well-being".ti,ab. (9190)
- 13 l31.cc. (12919)
- 14 mental*.ti,ab. (4320)
- 15 psych*.ti,ab. (11477)
- 16 or/11-15 (32359)
- 17 10 and 16 (151)
- 18 wellbeing.ti. (514)
- 19 "well-being".ti. (3005)
- 20 stress.ti. (1603)
- 21 burnout.ti. (137)
- 22 fatigue*.ti. (92)
- 23 tired*.ti. (15)
- 24 (depression or depressed).ti. (1826)
- 25 anxiety.ti. (163)
- 26 insomnia.ti. (10)
- 27 sleep.ti. (99)
- 28 productivity.ti. (17050)
- 29 (confidence not "confidence interval*").ti. (1110)
- 30 "self esteem".ti. (108)
- 31 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti. (14)

- 32 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti.
(1224)
- 33 or/18-32 (26771)
- 34 (employee* or employment or employed).ti,ab,jx. (92836)
- 35 (work or worker* or workload*).ti,ab,jx. (114610)
- 36 (workplace* or worksite*).ti,ab,jx. (5652)
- 37 occupational.ti,ab,jx. (6781)
- 38 (job or jobs).ti,ab,jx. (33865)
- 39 (organisations or organisational or company or companies or
corporation*).ti,ab,jx. (97588)
- 40 personnel.ti,ab,jx. (3273)
- 41 profession*.ti,jx. (4011)
- 42 (staff or staffing).ti,ab,jx. (6303)
- 43 (colleague* or coworker*).ti,ab,jx. (1364)
- 44 (D22 or J3* or J4* or J5* or J6* or J7* or J8*).cc. (112444)
- 45 or/34-44 (334403)
- 46 33 and 45 (7058)
- 47 wellbeing.ti,ab. (1787)
- 48 "well-being".ti,ab. (9190)
- 49 l31.cc. (12919)
- 50 stress.ti,ab. (6403)
- 51 burnout.ti,ab. (211)
- 52 fatigue*.ti,ab. (315)
- 53 tired*.ti,ab. (84)
- 54 (depression or depressed).ti,ab. (5333)
- 55 anxiety.ti,ab. (787)
- 56 insomnia.ti,ab. (19)
- 57 sleep.ti,ab. (263)
- 58 productivity.ti,ab. (48388)
- 59 (confidence not "confidence interval").ti,ab. (5803)
- 60 "self esteem".ti,ab. (505)
- 61 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat*
or skill* or competen* or uptake or "take-up")).ti,ab. (152)

- 62 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti,ab. (3714)
- 63 or/47-62 (86297)
- 64 (employee* or employment or employed).ti,jx. (25613)
- 65 (work or worker* or workload*).ti,jx. (23391)
- 66 (workplace* or worksite*).ti,jx. (1900)
- 67 occupational.ti,jx. (2560)
- 68 (job or jobs).ti,jx. (10265)
- 69 (organi?ations or organi?ational or company or companies or corporation*).ti,jx. (26743)
- 70 personnel.ti,jx. (744)
- 71 profession*.ti,jx. (4011)
- 72 (staff or staffing).ti,jx. (2051)
- 73 (colleague* or coworker*).ti,jx. (117)
- 74 or/64-73 (90584)
- 75 63 and 74 (6210)
- 76 5 or 17 or 46 or 75 (14265)
- 77 randomi?ed.mp. (3930)
- 78 placebo.mp. (477)
- 79 intervention.ti,ab. (13727)
- 80 interventions.ti,ab. (10412)
- 81 program.ti,ab. (28442)
- 82 programme.ti,ab. (7105)
- 83 trial.ti,ab. (2926)
- 84 or/77-83 (60137)
- 85 76 and 84 (725)
- 86 limit 85 to (yr="2007 -Current" and english) (503)
- 87 (manage* or supervis* or "team leader*" or "line leader*").ti,ab. (119094)
- 88 86 and 87 (108)
- 89 86 not 87 (395)
- 90 ("20191121" or "20191122" or "20191123" or "20191124" or "20191125" or "20191126" or "20191127" or "20191128" or "20191129" or 2019113* or 201912* or 2020* or 2021*).up. (69778)
- 91 88 and 90 (21)

92 89 and 90 (63)

5.4 Embase

5.4.1 Original searches

- 1 exp job stress/ (8904)
- 2 professional burnout/ (399)
- 3 job satisfaction/ (23710)
- 4 "job satisfaction".ti,ab. (8033)
- 5 (satisf* adj3 (work* or job*)).ti,ab. (12052)
- 6 quality of working life/ (492)
- 7 work-life balance/ (1085)
- 8 work engagement/ (855)
- 9 (engage* adj3 (work* or job*)).ti,ab. (4389)
- 10 ((motivation or motivated) adj3 (work* or job*)).ti,ab. (2508)
- 11 or/1-10 (42926)
- 12 absenteeism/ (13504)
- 13 absenteeism.ti,ab. (6645)
- 14 presenteeism/ (1136)
- 15 presenteeism.ti,ab. (2026)
- 16 job performance/ (14249)
- 17 (work adj3 performance).ti,ab. (4932)
- 18 (job adj3 performance).ti,ab. (1676)
- 19 or/12-18 (33353)
- 20 psychological well-being/ (16769)
- 21 wellbeing.ti,ab. (22172)
- 22 "well-being".ti,ab. (81841)
- 23 exp mental health/ (136189)
- 24 mental*.ti,ab. (366160)
- 25 psychological resilience/ (2839)
- 26 coping behavior/ (51985)
- 27 psych*.ti,ab. (847306)
- 28 or/20-27 (1179054)
- 29 19 and 28 (7787)
- 30 *psychological well-being/ (3657)

- 31 wellbeing.ti. (3284)
- 32 "well-being".ti. (12541)
- 33 *stress/ (28583)
- 34 *acute stress/ (1941)
- 35 *chronic stress/ (3573)
- 36 *behavioural stress/ (242)
- 37 *critical incident stress/ (31)
- 38 *emotional stress/ (2810)
- 39 *interpersonal stress/ (119)
- 40 *life stress/ (985)
- 41 *mental stress/ (23338)
- 42 *stress management/ (981)
- 43 stress.ti. (231457)
- 44 *burnout/ (7807)
- 45 burnout.ti. (6360)
- 46 *fatigue/ or *exhaustion/ or *lassitude/ (16076)
- 47 fatigue*.ti. (26945)
- 48 tired*.ti. (571)
- 49 exp *depression/ (155558)
- 50 (depression or depressed).ti. (110602)
- 51 *anxiety/ (30487)
- 52 *anticipatory anxiety/ (108)
- 53 exp *anxiety disorder/ (86323)
- 54 anxiety.ti. (51354)
- 55 *insomnia/ (10873)
- 56 *primary insomnia/ (352)
- 57 *sleep/ or *daytime somnolence/ or *drowsiness/ or *sleep debt/ or *sleep pattern/ or *sleep quality/ or *sleep time/ (48871)
- 58 *sleep deprivation/ (5080)
- 59 insomnia.ti. (9584)
- 60 sleep.ti. (105643)
- 61 *productivity/ (4789)
- 62 *organizational efficiency/ (88)

- 63 productivity.ti. (8650)
- 64 (confidence not "confidence interval").ti. (5784)
- 65 *self concept/ or *self actualization/ or *self esteem/ (24752)
- 66 "self esteem".ti. (3724)
- 67 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti. (2630)
- 68 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti. (95592)
- 69 **"quality of life"/ (94732)
- 70 *quality adjusted life year/ (1480)
- 71 or/30-70 (814511)
- 72 exp employment/ (72650)
- 73 "employment of women"/ (183)
- 74 employment discrimination/ (464)
- 75 affirmative action/ (83)
- 76 (employee* or employment or employed).ti,ab,jw. (418549)
- 77 work/ (24246)
- 78 workplace/ (37983)
- 79 job accommodation/ (279)
- 80 job analysis/ (1787)
- 81 job experience/ (2622)
- 82 job security/ (752)
- 83 exp personnel management/ (64243)
- 84 exp shift work/ (1665)
- 85 work capacity/ (8440)
- 86 telecommuting/ (56)
- 87 trade union/ (3932)
- 88 exp work environment/ (22253)
- 89 work experience/ (8708)
- 90 work schedule/ (7625)
- 91 working time/ (8157)
- 92 workload/ (36137)
- 93 (work or worker* or workload*).ti,ab,jw. (1175571)

- 94 (workplace* or worksite*).ti,ab,jw. (44839)
- 95 occupational.ti,ab,jw. (143821)
- 96 (job or jobs).ti,ab,jw. (59730)
- 97 (organisations or organisational or company or companies or corporation*).ti,ab,jw. (229577)
- 98 personnel.ti,ab,jw. (63822)
- 99 exp named groups by occupation/ not exp student/ (1516481)
- 100 profession*.ti,jw. (65488)
- 101 exp occupation/ (263750)
- 102 (staff or staffing).ti,ab,jw. (184568)
- 103 (colleague* or coworker*).ti,ab,jw. (44966)
- 104 exp occupational disease/ (80434)
- 105 exp occupational health/ (170281)
- 106 occupational health service/ (5669)
- 107 exp occupational disease/ (80434)
- 108 organizational culture/ (1279)
- 109 or/72-108 (3350930)
- 110 71 and 109 (151911)
- 111 psychological well-being/ (16769)
- 112 wellbeing.ti,ab. (22172)
- 113 "well-being".ti,ab. (81841)
- 114 stress/ (111211)
- 115 acute stress/ (5091)
- 116 chronic stress/ (9237)
- 117 behavioural stress/ (787)
- 118 critical incident stress/ (87)
- 119 emotional stress/ (19026)
- 120 interpersonal stress/ (561)
- 121 life stress/ (3597)
- 122 mental stress/ (63872)
- 123 stress management/ (4873)
- 124 stress.ti,ab. (797132)
- 125 burnout/ (15106)

- 126 burnout.ti,ab. (12141)
- 127 fatigue/ or exhaustion/ or lassitude/ (188329)
- 128 fatigue*.ti,ab. (131827)
- 129 tired*.ti,ab. (8108)
- 130 exp depression/ (396395)
- 131 (depression or depressed).ti,ab. (407829)
- 132 anxiety/ (167818)
- 133 anticipatory anxiety/ (578)
- 134 exp anxiety disorder/ (210838)
- 135 anxiety.ti,ab. (231110)
- 136 insomnia/ (57458)
- 137 primary insomnia/ (647)
- 138 sleep/ or daytime somnolence/ or drowsiness/ or sleep debt/ or sleep pattern/
or sleep quality/ or sleep time/ (137879)
- 139 sleep deprivation/ (13504)
- 140 insomnia.ti,ab. (30698)
- 141 sleep.ti,ab. (206186)
- 142 productivity/ (31991)
- 143 organizational efficiency/ (1153)
- 144 productivity.ti,ab. (59534)
- 145 (confidence not "confidence interval").ti,ab. (85696)
- 146 self concept/ or self actualization/ or self esteem/ (93290)
- 147 "self esteem".ti,ab. (21721)
- 148 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat*
or skill* or competen* or uptake or "take-up")).ti,ab. (14670)
- 149 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or
qtime*).ti,ab. (406341)
- 150 "quality of life"/ (432874)
- 151 quality adjusted life year/ (25021)
- 152 or/111-151 (2544626)
- 153 exp *employment/ (14915)
- 154 **"employment of women"/ (51)
- 155 *employment discrimination/ (124)

- 156 *affirmative action/ (18)
- 157 (employee* or employment or employed).ti,jw. (17650)
- 158 *work/ (6575)
- 159 *workplace/ (9510)
- 160 *job accommodation/ (57)
- 161 *job analysis/ (303)
- 162 *job experience/ (238)
- 163 *job security/ (84)
- 164 exp *personnel management/ (27593)
- 165 exp *shift work/ (560)
- 166 *work capacity/ (2175)
- 167 *telecommuting/ (21)
- 168 *trade union/ (2216)
- 169 exp *work environment/ (4794)
- 170 *work experience/ (910)
- 171 *work schedule/ (2339)
- 172 *working time/ (1347)
- 173 *workload/ (6337)
- 174 (work or worker* or workload*).ti,jw. (111372)
- 175 (workplace* or worksite*).ti,jw. (12677)
- 176 occupational.ti,jw. (79348)
- 177 (job or jobs).ti,jw. (11767)
- 178 (organi?ations or organi?ational or company or companies or corporation*).ti,jw. (23930)
- 179 personnel.ti,jw. (7534)
- 180 exp *named groups by occupation/ not exp *student/ (432347)
- 181 profession*.ti,jw. (65488)
- 182 exp *occupation/ (55907)
- 183 (staff or staffing).ti,jw. (20687)
- 184 (colleague* or coworker*).ti,jw. (2621)
- 185 exp *occupational disease/ (47705)
- 186 exp *occupational health/ (66034)
- 187 *occupational health service/ (2710)

- 188 exp *occupational disease/ (47705)
- 189 *organizational culture/ (478)
- 190 or/153-189 (760025)
- 191 152 and 190 (121449)
- 192 11 or 29 or 110 or 191 (259679)
- 193 random:.tw. (1346672)
- 194 placebo:.mp. (367049)
- 195 double-blind:.tw. (159113)
- 196 intervention.ti,ab. (786570)
- 197 interventions.ti,ab. (507767)
- 198 program.ti,ab. (485719)
- 199 programme.ti,ab. (110323)
- 200 trial.ti,ab. (737955)
- 201 or/193-200 (3152694)
- 202 192 and 201 (71596)
- 203 limit 202 to english language (68894)
- 204 limit 203 to (conference abstract or conference paper or "conference review" or editorial or letter or note) (24137)
- 205 203 not 204 (44757)
- 206 nonhuman/ not (human/ and nonhuman/) (3241864)
- 207 205 not 206 (44317)
- 208 exp angola/ or exp benin/ or exp botswana/ or exp burkina faso/ or exp burundi/ or exp cameroon/ or exp cape verde/ or exp central africa/ or exp central african republic/ or exp chad/ or exp comoros/ or exp congo/ or exp cote d'ivoire/ or exp democratic republic congo/ or exp djibouti/ or exp equatorial guinea/ or exp eritrea/ or exp ethiopia/ or exp gabon/ or exp gambia/ or exp ghana/ or exp guinea/ or exp guinea-bissau/ or exp kenya/ or exp lesotho/ or exp liberia/ or exp madagascar/ or exp malawi/ or exp mali/ or exp mayotte/ or exp mozambique/ or exp namibia/ or exp niger/ or exp nigeria/ or exp rwanda/ or exp sahel/ or exp senegal/ or exp sierra leone/ or exp somalia/ or exp south sudan/ or exp sudan/ or exp swaziland/ or exp tanzania/ or exp togo/ or exp uganda/ or exp zambia/ or exp zimbabwe/ or Central Africa/ or exp north africa/ or exp kazakhstan/ or exp kyrgyzstan/ or exp tajikistan/ or exp turkmenistan/ or exp uzbekistan/ or korea/ or exp north korea/ or exp mongolia/ or exp philippines/ or exp taiwan/ or exp borneo/ or exp brunei darussalam/ or exp cambodia/ or exp indonesia/ or exp laos/ or exp malaysia/ or exp myanmar/ or exp papua new guinea/ or exp singapore/ or exp thailand/ or exp timor-leste/ or exp viet nam/ or exp bahrain/ or exp iran/ or exp iraq/ or exp jordan/ or exp kuwait/ or exp lebanon/ or exp oman/ or exp qatar/ or exp saudi arabia/ or exp syrian arab republic/ or exp united arab emirates/ or exp yemen/ or exp afghanistan/ or exp bangladesh/ or exp bhutan/ or exp nepal/ or exp pakistan/ or exp sri lanka/ or exp argentina/ or

exp bolivia/ or exp colombia/ or exp ecuador/ or exp guyana/ or exp paraguay/ or exp peru/ or exp suriname/ or exp uruguay/ or exp venezuela/ (564665)

209 exp "australia and new zealand"/ or exp "western europe"/ or exp "North America"/ or exp Chile/ or exp "Czech Republic"/ or exp Scandinavia/ or exp "Baltic States"/ or exp Greece/ or exp Hungary/ or exp Israel/ or exp Italy/ or exp Japan/ or exp Korea/ or exp "South Korea"/ or exp Portugal/ or exp Slovakia/ or exp Slovenia/ or exp Spain/ or exp "Turkey (republic)"/ or exp China/ or exp Brazil/ or exp Russian Federation/ or exp South Africa/ or exp India/ (2844158)

210 exp "Organisation for Economic Co-operation and Development"/ (1174)

211 oecd*.ti,ab. (5475)

212 "Organisation for Economic Co-operation and Development".ti,ab. (689)

213 "Organisation for Economic Cooperation and Development".ti,ab. (181)

214 "Organization for Economic Co-operation and Development".ti,ab. (347)

215 "Organization for Economic Cooperation and Development".ti,ab. (624)

216 (BRIC or BRICS).ti,ab. (623)

217 European Union/ (24283)

218 developed country/ (19200)

219 europe/ (120432)

220 or/209-219 (2941729)

221 208 not (208 and 209) (470318)

222 207 not 221 (41976)

223 limit 222 to yr="2007 -Current" (32795)

224 (manage* or supervis* or "team leader*" or "line leader*").ti,ab. (1549623)

225 exp personnel management/ (64243)

226 224 or 225 (1603106)

227 223 and 226 (7984)

228 223 not 226 (24811)

5.4.2 Rerun searches

1 exp job stress/ (10677)

2 professional burnout/ (1087)

3 job satisfaction/ (25634)

4 "job satisfaction".ti,ab. (9140)

5 (satisf* adj3 (work* or job*)).ti,ab. (13666)

6 quality of working life/ (535)

- 7 work-life balance/ (1595)
- 8 work engagement/ (1402)
- 9 (engage* adj3 (work* or job*)).ti,ab. (5249)
- 10 ((motivation or motivated) adj3 (work* or job*)).ti,ab. (2867)
- 11 or/1-10 (49045)
- 12 absenteeism/ (14540)
- 13 absenteeism.ti,ab. (7428)
- 14 presenteeism/ (1486)
- 15 presenteeism.ti,ab. (2351)
- 16 job performance/ (15016)
- 17 (work adj3 performance).ti,ab. (5850)
- 18 (job adj3 performance).ti,ab. (1936)
- 19 or/12-18 (36329)
- 20 psychological well-being/ (20539)
- 21 wellbeing.ti,ab. (26883)
- 22 "well-being".ti,ab. (94523)
- 23 exp mental health/ (157318)
- 24 mental*.ti,ab. (413340)
- 25 psychological resilience/ (4559)
- 26 coping behavior/ (57505)
- 27 psych*.ti,ab. (933586)
- 28 or/20-27 (1310831)
- 29 19 and 28 (8495)
- 30 *psychological well-being/ (4696)
- 31 wellbeing.ti. (4022)
- 32 "well-being".ti. (14795)
- 33 *stress/ (33521)
- 34 *acute stress/ (2242)
- 35 *chronic stress/ (4049)
- 36 *behavioural stress/ (254)
- 37 *critical incident stress/ (38)
- 38 *emotional stress/ (3173)

- 39 *interpersonal stress/ (126)
- 40 *life stress/ (1078)
- 41 *mental stress/ (25134)
- 42 *stress management/ (1188)
- 43 stress.ti. (257042)
- 44 *burnout/ or exp *maslach burnout inventory/ (9058)
- 45 burnout.ti. (7898)
- 46 *fatigue/ or *exhaustion/ or *lassitude/ (18076)
- 47 fatigue*.ti. (29867)
- 48 tired*.ti. (612)
- 49 exp *depression/ (170427)
- 50 (depression or depressed).ti. (122325)
- 51 *anxiety/ (35489)
- 52 *anticipatory anxiety/ (115)
- 53 exp *anxiety disorder/ (95047)
- 54 anxiety.ti. (58183)
- 55 *insomnia/ (12451)
- 56 *primary insomnia/ (389)
- 57 *sleep/ or *daytime somnolence/ or *drowsiness/ or *sleep debt/ or *sleep pattern/ or *sleep quality/ or *sleep time/ (54430)
- 58 *sleep deprivation/ (5580)
- 59 insomnia.ti. (10983)
- 60 sleep.ti. (119369)
- 61 *productivity/ (5671)
- 62 *organizational efficiency/ (96)
- 63 productivity.ti. (9797)
- 64 (confidence not "confidence interval*").ti. (6748)
- 65 *self concept/ or *self actualization/ or *self esteem/ (27306)
- 66 "self esteem".ti. (4185)
- 67 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti. (3071)
- 68 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti. (106281)

- 69 *"quality of life"/ (106416)
- 70 *quality adjusted life year/ (1680)
- 71 or/30-70 (908321)
- 72 exp employment/ (82577)
- 73 "employment of women"/ (202)
- 74 employment discrimination/ (493)
- 75 affirmative action/ (103)
- 76 (employee* or employment or employed).ti,ab,jw. (473780)
- 77 work/ (25166)
- 78 workplace/ (42391)
- 79 job accommodation/ (300)
- 80 job analysis/ (1908)
- 81 job experience/ (2978)
- 82 job security/ (836)
- 83 exp personnel management/ (67986)
- 84 exp shift work/ (2877)
- 85 work capacity/ (8933)
- 86 telecommuting/ (232)
- 87 trade union/ (4046)
- 88 exp work environment/ (24986)
- 89 work experience/ (9799)
- 90 work schedule/ (8029)
- 91 working time/ (9054)
- 92 workload/ (39897)
- 93 (work or worker* or workload*).ti,ab,jw. (1340720)
- 94 (workplace* or worksite*).ti,ab,jw. (50493)
- 95 occupational.ti,ab,jw. (157196)
- 96 (job or jobs).ti,ab,jw. (66721)
- 97 (organi?ations or organi?ational or company or companies or corporation*).ti,ab,jw. (253637)
- 98 personnel.ti,ab,jw. (71694)
- 99 exp named groups by occupation/ not exp student/ (1667671)
- 100 profession*.ti,jw. (73303)

- 101 exp occupation/ (294703)
- 102 (staff or staffing).ti,ab,jw. (207008)
- 103 (colleague* or coworker*).ti,ab,jw. (49814)
- 104 exp occupational disease/ (86289)
- 105 exp occupational health/ (184146)
- 106 occupational health service/ (5922)
- 107 exp occupational disease/ (86289)
- 108 organizational culture/ (1987)
- 109 or/72-108 (3741849)
- 110 71 and 109 (170484)
- 111 psychological well-being/ (20539)
- 112 wellbeing.ti,ab. (26883)
- 113 "well-being".ti,ab. (94523)
- 114 stress/ (127577)
- 115 acute stress/ (5674)
- 116 chronic stress/ (10312)
- 117 behavioural stress/ (844)
- 118 critical incident stress/ (96)
- 119 emotional stress/ (21085)
- 120 interpersonal stress/ (607)
- 121 life stress/ (3917)
- 122 mental stress/ (70291)
- 123 stress management/ (5522)
- 124 stress.ti,ab. (887624)
- 125 burnout/ or exp maslach burnout inventory/ (17903)
- 126 burnout.ti,ab. (15127)
- 127 fatigue/ or exhaustion/ or lassitude/ (209238)
- 128 fatigue*.ti,ab. (148003)
- 129 tired*.ti,ab. (8956)
- 130 exp depression/ (436856)
- 131 (depression or depressed).ti,ab. (452477)
- 132 anxiety/ (190313)

- 133 anticipatory anxiety/ (610)
- 134 exp anxiety disorder/ (234215)
- 135 anxiety.ti,ab. (261265)
- 136 insomnia/ (63012)
- 137 primary insomnia/ (695)
- 138 sleep/ or daytime somnolence/ or drowsiness/ or sleep debt/ or sleep pattern/
or sleep quality/ or sleep time/ (153498)
- 139 sleep deprivation/ (14889)
- 140 insomnia.ti,ab. (34820)
- 141 sleep.ti,ab. (232652)
- 142 productivity/ (35696)
- 143 organizational efficiency/ (1166)
- 144 productivity.ti,ab. (67557)
- 145 (confidence not "confidence interval").ti,ab. (97500)
- 146 self concept/ or self actualization/ or self esteem/ (101198)
- 147 "self esteem".ti,ab. (23896)
- 148 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat*
or skill* or competen* or uptake or "take-up")).ti,ab. (16823)
- 149 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or
qtime*).ti,ab. (456785)
- 150 "quality of life"/ (479911)
- 151 quality adjusted life year/ (28096)
- 152 or/111-151 (2832386)
- 153 exp *employment/ (16176)
- 154 **"employment of women"/ (57)
- 155 *employment discrimination/ (136)
- 156 *affirmative action/ (22)
- 157 (employee* or employment or employed).ti,jw. (19699)
- 158 *work/ (6858)
- 159 *workplace/ (10677)
- 160 *job accommodation/ (62)
- 161 *job analysis/ (344)
- 162 *job experience/ (294)

- 163 *job security/ (94)
- 164 exp *personnel management/ (28562)
- 165 exp *shift work/ (997)
- 166 *work capacity/ (2349)
- 167 *telecommuting/ (54)
- 168 *trade union/ (2267)
- 169 exp *work environment/ (5378)
- 170 *work experience/ (997)
- 171 *work schedule/ (2425)
- 172 *working time/ (1483)
- 173 *workload/ (7050)
- 174 (work or worker* or workload*).ti,jw. (125304)
- 175 (workplace* or worksite*).ti,jw. (14250)
- 176 occupational.ti,jw. (85669)
- 177 (job or jobs).ti,jw. (13049)
- 178 (organi?ations or organi?ational or company or companies or corporation*).ti,jw. (26175)
- 179 personnel.ti,jw. (8511)
- 180 exp *named groups by occupation/ not exp *student/ (470310)
- 181 profession*.ti,jw. (73303)
- 182 exp *occupation/ (61916)
- 183 (staff or staffing).ti,jw. (22963)
- 184 (colleague* or coworker*).ti,jw. (2846)
- 185 exp *occupational disease/ (50694)
- 186 exp *occupational health/ (70761)
- 187 *occupational health service/ (2805)
- 188 exp *occupational disease/ (50694)
- 189 *organizational culture/ (780)
- 190 or/153-189 (831924)
- 191 152 and 190 (136256)
- 192 11 or 29 or 110 or 191 (290892)
- 193 random:.tw. (1496890)
- 194 placebo:.mp. (392521)

- 195 double-blind.tw. (172659)
- 196 intervention.ti,ab. (884976)
- 197 interventions.ti,ab. (579500)
- 198 program.ti,ab. (538849)
- 199 programme.ti,ab. (120775)
- 200 trial.ti,ab. (826416)
- 201 or/193-200 (3507525)
- 202 192 and 201 (81417)
- 203 limit 202 to english language (78588)
- 204 limit 203 to (conference abstract or conference paper or "conference review" or editorial or letter or note) (26642)
- 205 203 not 204 (51946)
- 206 nonhuman/ not (human/ and nonhuman/) (3526019)
- 207 205 not 206 (51462)
- 208 exp angola/ or exp benin/ or exp botswana/ or exp burkina faso/ or exp burundi/ or exp cameroon/ or exp cape verde/ or exp central africa/ or exp central african republic/ or exp chad/ or exp comoros/ or exp congo/ or exp cote d'ivoire/ or exp democratic republic congo/ or exp djibouti/ or exp equatorial guinea/ or exp eritrea/ or exp ethiopia/ or exp gabon/ or exp gambia/ or exp ghana/ or exp guinea/ or exp guinea-bissau/ or exp kenya/ or exp lesotho/ or exp liberia/ or exp madagascar/ or exp malawi/ or exp mali/ or exp mayotte/ or exp mozambique/ or exp namibia/ or exp niger/ or exp nigeria/ or exp rwanda/ or exp sahel/ or exp senegal/ or exp sierra leone/ or exp somalia/ or exp south sudan/ or exp sudan/ or exp swaziland/ or exp tanzania/ or exp togo/ or exp uganda/ or exp zambia/ or exp zimbabwe/ or Central Africa/ or exp north africa/ or exp kazakhstan/ or exp kyrgyzstan/ or exp tajikistan/ or exp turkmenistan/ or exp uzbekistan/ or korea/ or exp north korea/ or exp mongolia/ or exp philippines/ or exp taiwan/ or exp borneo/ or exp brunei darussalam/ or exp cambodia/ or exp indonesia/ or exp laos/ or exp malaysia/ or exp myanmar/ or exp papua new guinea/ or exp singapore/ or exp thailand/ or exp timor-leste/ or exp viet nam/ or exp bahrain/ or exp iran/ or exp iraq/ or exp jordan/ or exp kuwait/ or exp lebanon/ or exp oman/ or exp qatar/ or exp saudi arabia/ or exp syrian arab republic/ or exp united arab emirates/ or exp yemen/ or exp afghanistan/ or exp bangladesh/ or exp bhutan/ or exp nepal/ or exp pakistan/ or exp sri lanka/ or exp argentina/ or exp bolivia/ or exp colombia/ or exp ecuador/ or exp guyana/ or exp paraguay/ or exp peru/ or exp suriname/ or exp uruguay/ or exp venezuela/ (634768)
- 209 exp "australia and new zealand"/ or exp "western europe"/ or exp "North America"/ or exp Chile/ or exp "Czech Republic"/ or exp Scandinavia/ or exp "Baltic States"/ or exp Greece/ or exp Hungary/ or exp Israel/ or exp Italy/ or exp Japan/ or exp Korea/ or exp "South Korea"/ or exp Portugal/ or exp Slovakia/ or exp Slovenia/ or exp Spain/ or exp "Turkey (republic)"/ or exp China/ or exp Brazil/ or exp Russian Federation/ or exp South Africa/ or exp India/ (3097222)
- 210 exp "Organisation for Economic Co-operation and Development"/ (1591)
- 211 oecd*.ti,ab. (6227)

- 212 "Organisation for Economic Co-operation and Development".ti,ab. (807)
- 213 "Organisation for Economic Cooperation and Development".ti,ab. (206)
- 214 "Organization for Economic Co-operation and Development".ti,ab. (426)
- 215 "Organization for Economic Cooperation and Development".ti,ab. (685)
- 216 (BRIC or BRICS).ti,ab. (717)
- 217 European Union/ (25819)
- 218 developed country/ (20202)
- 219 europe/ (127910)
- 220 or/209-219 (3201059)
- 221 208 not (208 and 209) (531484)
- 222 207 not 221 (48482)
- 223 limit 222 to yr="2007 -Current" (39306)
- 224 (manage* or supervis* or "team leader*" or "line leader*").ti,ab. (1741242)
- 225 exp personnel management/ (67986)
- 226 224 or 225 (1797729)
- 227 223 and 226 (9555)
- 228 223 not 226 (29751)
- 229 ("20191127" or "20191128" or "20191129" or 2019113* or 201912* or 2020* or 2021*).dc. (2585104)
- 230 227 and 229 (1924)
- 231 228 and 229 (6402)

5.5 Epistemonikos

Note

The Epistemonikos website doesn't make it easy to report searches line-by-line and crashed if the entire Medline equivalent search was run as a single block. The search was therefore run in 4 separate clusters. Cluster 1 is equivalent to lines 1-9 in the original Medline strategy; cluster 2 is equivalent to lines 10-26; cluster 3 is equivalent to lines 27-72 and cluster 4 is equivalent to lines 73-118. The searches are further split down into those papers that mention "managers" (or similar terminology) in the title or abstract (for Q2) and those that don't (for the remaining questions).

5.5.1 Original searches

5.5.1.1 Question 2

Cluster 1

(title:("Satisfaction at work*" OR "Satisfied at work*" OR "Satisfied in work*" OR "Satisfied in the work*" OR "Satisfaction at their work*" OR "Satisfied in their work*" OR "Satisfied with their work*" OR "Satisfaction in their work" OR "Work* satisfaction" OR "Satisfied with their job*" OR "Satisfaction in their job*" OR "Satisfaction with their job*" OR "Job satisfaction" OR "Satisfied in their job*" OR "Satisfied with their job*" OR "Satisf* of work*" OR "Engage* at work*" OR "Engage* at their work*" OR "Engage* in their work*" OR "Engage* in the work*" OR "Engage* with their work*" OR "Work engagement" OR "Engage* at their job*" OR "Engage* in their job*" OR "Engage* with their job*" OR "Engage* of work*" OR "job engagement" OR "performance at work*" OR "motivat* in work*" OR "motivat* at their work*" OR "motivat* in their work" OR "motivat* in the work" OR "Work* motivation*" OR "Motivation* of work*" OR "Work* motivation*" OR "Motivation* of work*" OR "motivat* at their job*" OR "motivat* in their job*" OR "Job motivation*" OR "Motivation* of work*" OR "motivat* in their job*") OR abstract:("Satisfaction at work*" OR "Satisfied at work*" OR "Satisfied in work*" OR "Satisfied in the work*" OR "Satisfaction at their work*" OR "Satisfied in their work*" OR "Satisfied with their work*" OR "Satisfaction in their work" OR "Work* satisfaction" OR "Satisfied with their job*" OR "Satisfaction in their job*" OR "Satisfaction with their job*" OR "Job satisfaction" OR "Satisfied in their job*" OR "Satisfied with their job*" OR "Satisf* of work*" OR "Engage* at work*" OR "Engage* at their work*" OR "Engage* in their work*" OR "Engage* in the work*" OR "Engage* with their work*" OR "Work engagement" OR "Engage* at their job*" OR "Engage* in their job*" OR "Engage* with their job*" OR "Engage* of work*" OR "job engagement" OR "performance at work*" OR "motivat* in work*" OR "motivat* at their work*" OR "motivat* in their work" OR "motivat* in the work" OR "Work* motivation*" OR "Motivation* of work*" OR "Work* motivation*" OR "Motivation* of work*" OR "motivat* at their job*" OR "motivat* in their job*" OR "Job motivation*" OR "Motivation* of work*" OR "motivat*

in their job*") AND (title:(manage* OR supervis* OR "team leader*" OR "line leader*") OR abstract:(manage* OR supervis* OR "team leader*" OR "line leader*"))

Cluster 2

(title:(wellbeing OR "well-being" OR mental* OR psych*) OR abstract:(wellbeing OR "well-being" OR mental* OR psych*)) AND (title:(absenteeism OR presenteeism OR "performance at work*" OR "performance in work*" OR "performance at their work*" OR "performance in their work*" OR "performance in the work*" OR "Work* performance" OR "performance* of work*") OR abstract:(absenteeism OR presenteeism OR "performance at work*" OR "performance in work*" OR "performance at their work*" OR "performance in their work*" OR "performance in the work*" OR "Work* performance" OR "performance* of work*")) AND (title:(manage* OR supervis* OR "team leader*" OR "line leader*") OR abstract:(manage* OR supervis* OR "team leader*" OR "line leader*"))

Cluster 3

(title:(wellbeing OR "well-being" OR stress OR burnout OR fatigue* OR tired* OR depression OR depressed OR anxiety OR insomnia OR sleep OR productivity OR "self esteem" OR (confidence NOT "confidence interval*") OR (mental AND (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up"))) OR "quality of life" OR "quality adjusted life" OR qaly* OR qald* OR qale* OR qtime*)) AND ((title:(employee* OR employment OR employed OR work OR worker* OR workload* OR workplace* OR worksite* OR occupational OR job OR jobs OR organisations OR organizations OR organisational OR organizational OR company OR companies OR corporation* OR personnel OR profession* OR staff OR staffing OR colleague* OR coworker*) OR abstract:(employee* OR employment OR employed OR work OR worker* OR workload* OR workplace* OR worksite* OR occupational OR job OR jobs OR organisations OR organizations OR organisational OR organizational OR company OR companies OR corporation* OR personnel OR staff OR staffing OR colleague* OR coworker*)) AND (title:(manage* OR supervis* OR "team leader*" OR "line leader*") OR abstract:(manage* OR supervis* OR "team leader*" OR "line leader*"))

Cluster 4

(title:(wellbeing OR "well-being" OR stress OR burnout OR fatigue* OR tired* OR depression OR depressed OR anxiety OR insomnia OR sleep OR productivity OR "self esteem" OR (confidence NOT "confidence interval*") OR (mental AND (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up"))) OR "quality of life" OR "quality adjusted life" OR qaly* OR qald* OR qale* OR qtime*) OR abstract:(wellbeing OR "well-being" OR stress OR burnout OR fatigue* OR tired* OR depression OR depressed OR anxiety OR insomnia OR sleep OR productivity OR "self esteem" OR (confidence NOT

"confidence interval*") OR "quality of life" OR "quality adjusted life" OR qaly* OR qald* OR qale* OR qtime*) AND (title:(employee* OR employment OR employed OR work OR worker* OR workload* OR workplace* OR worksite* OR occupational OR job OR jobs OR organisations OR organizations OR organisational OR organizational OR company OR companies OR corporation* OR personnel OR profession* OR staff OR staffing OR colleague* OR coworker*)) AND (title:(manage* OR supervis* OR "team leader*" OR "line leader*") OR abstract:(manage* OR supervis* OR "team leader*" OR "line leader*"))

5.5.1.2 Questions 1, 3, 4, 5 Cluster 1

(title:("Satisfaction at work*" OR "Satisfied at work*" OR "Satisfied in work*" OR "Satisfied in the work*" OR "Satisfaction at their work*" OR "Satisfied in their work*" OR "Satisfied with their work*" OR "Satisfaction in their work" OR "Work* satisfaction" OR "Satisfied with their job*" OR "Satisfaction in their job*" OR "Satisfaction with their job*" OR "Job satisfaction" OR "Satisfied in their job*" OR "Satisfied with their job*" OR "Satisf* of work*" OR "Engage* at work*" OR "Engage* at their work*" OR "Engage* in their work*" OR "Engage* in the work*" OR "Engage* with their work*" OR "Work engagement" OR "Engage* at their job*" OR "Engage* in their job*" OR "Engage* with their job*" OR "Engage* of work*" OR "job engagement" OR "performance at work*" OR "motivat* in work*" OR "motivat* at their work*" OR "motivat* in their work" OR "motivat* in the work" OR "Work* motivation*" OR "Motivation* of work*" OR "Work* motivation*" OR "Motivation* of work*" OR "motivat* at their job*" OR "motivat* in their job*" OR "Job motivation*" OR "Motivation* of work*" OR "motivat* in their job*") OR abstract:("Satisfaction at work*" OR "Satisfied at work*" OR "Satisfied in work*" OR "Satisfied in the work*" OR "Satisfaction at their work*" OR "Satisfied in their work*" OR "Satisfied with their work*" OR "Satisfaction in their work" OR "Work* satisfaction" OR "Satisfied with their job*" OR "Satisfaction in their job*" OR "Satisfaction with their job*" OR "Job satisfaction" OR "Satisfied in their job*" OR "Satisfied with their job*" OR "Satisf* of work*" OR "Engage* at work*" OR "Engage* at their work*" OR "Engage* in their work*" OR "Engage* in the work*" OR "Engage* with their work*" OR "Work engagement" OR "Engage* at their job*" OR "Engage* in their job*" OR "Engage* with their job*" OR "Engage* of work*" OR "job engagement" OR "performance at work*" OR "motivat* in work*" OR "motivat* at their work*" OR "motivat* in their work" OR "motivat* in the work" OR "Work* motivation*" OR "Motivation* of work*" OR "Work* motivation*" OR "Motivation* of work*" OR "motivat* at their job*" OR "motivat* in their job*" OR "Job motivation*" OR "Motivation* of work*" OR "motivat* in their job*")) NOT (title:(manage* OR supervis* OR "team leader*" OR "line leader*") OR abstract:(manage* OR supervis* OR "team leader*" OR "line leader*"))

Cluster 2

(title:(wellbeing OR "well-being" OR mental* OR psych*) OR abstract:(wellbeing OR "well-being" OR mental* OR psych*)) AND (title:(absenteeism OR presenteeism OR "performance

at work*" OR "performance in work*" OR "performance at their work*" OR "performance in their work*" OR "performance in the work*" OR "Work* performance" OR "performance* of work*") OR abstract:(absenteeism OR presenteeism OR "performance at work*" OR "performance in work*" OR "performance at their work*" OR "performance in their work*" OR "performance in the work*" OR "Work* performance" OR "performance* of work*")) NOT (title:(manage* OR supervis* OR "team leader*" OR "line leader*") OR abstract:(manage* OR supervis* OR "team leader*" OR "line leader*"))

Cluster 3

(title:(wellbeing OR "well-being" OR stress OR burnout OR fatigue* OR tired* OR depression OR depressed OR anxiety OR insomnia OR sleep OR productivity OR "self esteem" OR (confidence NOT "confidence interval*") OR (mental AND (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up"))) OR "quality of life" OR "quality adjusted life" OR qaly* OR qald* OR qale* OR qtime*)) AND ((title:(employee* OR employment OR employed OR work OR worker* OR workload* OR workplace* OR worksite* OR occupational OR job OR jobs OR organisations OR organizations OR organisational OR organizational OR company OR companies OR corporation* OR personnel OR profession* OR staff OR staffing OR colleague* OR coworker*) OR abstract:(employee* OR employment OR employed OR work OR worker* OR workload* OR workplace* OR worksite* OR occupational OR job OR jobs OR organisations OR organizations OR organisational OR organizational OR company OR companies OR corporation* OR personnel OR staff OR staffing OR colleague* OR coworker*)) NOT (title:(manage* OR supervis* OR "team leader*" OR "line leader*") OR abstract:(manage* OR supervis* OR "team leader*" OR "line leader*"))

Cluster 4

(title:(wellbeing OR "well-being" OR stress OR burnout OR fatigue* OR tired* OR depression OR depressed OR anxiety OR insomnia OR sleep OR productivity OR "self esteem" OR (confidence NOT "confidence interval*") OR (mental AND (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up"))) OR "quality of life" OR "quality adjusted life" OR qaly* OR qald* OR qale* OR qtime*) OR abstract:(wellbeing OR "well-being" OR stress OR burnout OR fatigue* OR tired* OR depression OR depressed OR anxiety OR insomnia OR sleep OR productivity OR "self esteem" OR (confidence NOT "confidence interval*") OR "quality of life" OR "quality adjusted life" OR qaly* OR qald* OR qale* OR qtime*)) AND (title:(employee* OR employment OR employed OR work OR worker* OR workload* OR workplace* OR worksite* OR occupational OR job OR jobs OR organisations OR organizations OR organisational OR organizational OR company OR companies OR corporation* OR personnel OR profession* OR staff OR staffing OR colleague* OR coworker*)) NOT (title:(manage* OR supervis* OR "team leader*" OR "line leader*") OR abstract:(manage* OR supervis* OR "team leader*" OR "line leader*"))

5.5.2 Rerun searches

The above clusters were pasted back into the advanced search box in Epistemonikos.

Results were limited on screen to include only those references added to the Epistemonikos database since the previous search date:

Filters

Publication year

Added to database

From:

To:

5.6 HealthEvidence.org

5.6.1 Original searches

Downloaded all references within relevant date range under the Workplace Health topic areas:

Published from to

Review Quality Rating

Topic Area

For Q2 the following string was used in the text search box to identify a subset of the above references: (*manage** OR *supervis** OR (*team leader**) OR (*line leader**))

For Qs 1, 3, 4 and 5 no free text terms were used.

5.6.2 Rerun searches

As above with amended date limit (references published from 2019-2021). No option to restrict by database entry date available.

5.7 MEDLINE ALL

5.7.1 Original searches

- 1 exp Occupational Stress/ (12210)
- 2 "Burnout, Professional"/ (11097)
- 3 Job Satisfaction/ (24227)
- 4 "job satisfaction".ti,ab. (8115)
- 5 (satisf* adj3 (work* or job*)).ti,ab. (11804)
- 6 work engagement/ (268)
- 7 (engage* adj3 (work* or job*)).ti,ab. (4632)
- 8 ((motivation or motivated) adj3 (work* or job*)).ti,ab. (2482)
- 9 or/1-8 (44936)
- 10 Absenteeism/ (8888)
- 11 absenteeism.ti,ab. (5473)
- 12 Presenteeism/ (259)
- 13 presenteeism.ti,ab. (1058)
- 14 Work Performance/ (716)
- 15 (work adj3 performance).ti,ab. (4840)
- 16 (job adj3 performance).ti,ab. (1826)
- 17 or/10-16 (18716)
- 18 wellbeing.ti,ab. (14101)
- 19 "well-being".ti,ab. (70539)
- 20 Mental Health/ (35700)
- 21 mental*.ti,ab. (336910)
- 22 Resilience, Psychological/ (5045)
- 23 Adaptation, Psychological/ (91995)
- 24 psych*.ti,ab. (782656)
- 25 or/18-24 (1118787)
- 26 17 and 25 (3957)
- 27 wellbeing.ti. (2658)
- 28 "well-being".ti. (12299)
- 29 exp *Stress, Psychological/ (80371)
- 30 stress.ti. (220203)

- 31 burnout.ti. (5697)
- 32 exp *Fatigue/ (15333)
- 33 fatigue*.ti. (25455)
- 34 tired*.ti. (581)
- 35 *Depression/ (68937)
- 36 (depression or depressed).ti. (106831)
- 37 *Anxiety/ (39891)
- 38 anxiety.ti. (47931)
- 39 *"Sleep Initiation and Maintenance Disorders"/ or *Sleep/ or *"Sleep Deprivation"/ (44654)
- 40 insomnia.ti. (6758)
- 41 sleep.ti. (85871)
- 42 productivity.ti. (9274)
- 43 exp *Efficiency/ (13386)
- 44 (confidence not "confidence interval").ti. (5174)
- 45 *self concept/ (24625)
- 46 *self efficacy/ (7866)
- 47 "self esteem".ti. (4036)
- 48 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti. (2886)
- 49 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti. (66024)
- 50 *Quality of Life/ or *Quality-Adjusted Life Years/ (86097)
- 51 or/27-50 (714521)
- 52 employment/ or employment, supported/ (46007)
- 53 (employee* or employment or employed).ti,ab,jw. (409350)
- 54 Workplace/ (21696)
- 55 (work or worker* or workload*).ti,ab,jw. (1089406)
- 56 (workplace* or worksite*).ti,ab,jw. (41474)
- 57 occupational.ti,ab,jw. (162851)
- 58 (job or jobs).ti,ab,jw. (59058)
- 59 (organi?ations or organi?ational or company or companies or corporation*).ti,ab,jw. (182856)
- 60 personnel.ti,ab,jw. (70639)

- 61 exp occupational groups/ (582779)
- 62 profession*.ti,jw. (88636)
- 63 (staff or staffing).ti,ab,jw. (156931)
- 64 (colleague* or coworker*).ti,ab,jw. (36316)
- 65 "Occupational Diseases"/ (82525)
- 66 Job Satisfaction/ (24227)
- 67 Occupational Health/ (32403)
- 68 Occupational Health Services/ (10461)
- 69 "Personnel Staffing and Scheduling"/ (16823)
- 70 "Organizational Culture"/ (16981)
- 71 or/52-70 (2411691)
- 72 51 and 71 (103094)
- 73 wellbeing.ti,ab. (14101)
- 74 "well-being".ti,ab. (70539)
- 75 exp Stress, Psychological/ (126254)
- 76 stress.ti,ab. (697607)
- 77 burnout.ti,ab. (10098)
- 78 exp Fatigue/ (29157)
- 79 fatigue*.ti,ab. (90010)
- 80 tired*.ti,ab. (5537)
- 81 Depression/ (113329)
- 82 (depression or depressed).ti,ab. (372857)
- 83 Anxiety/ (77344)
- 84 anxiety.ti,ab. (178055)
- 85 "Sleep Initiation and Maintenance Disorders"/ or Sleep/ or "Sleep Deprivation"/ (67186)
- 86 insomnia.ti,ab. (19444)
- 87 sleep.ti,ab. (155689)
- 88 productivity.ti,ab. (54789)
- 89 exp Efficiency/ (34558)
- 90 (confidence not "confidence interval*").ti,ab. (70839)
- 91 self concept/ (55303)
- 92 self efficacy/ (19258)

- 93 "self esteem".ti,ab. (19848)
- 94 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti,ab. (12768)
- 95 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti,ab. (261257)
- 96 Quality of Life/ or Quality-Adjusted Life Years/ (194169)
- 97 or/73-96 (1923289)
- 98 *employment/ or *employment, supported/ (25579)
- 99 (employee* or employment or employed).ti,jw. (25336)
- 100 *Workplace/ (10847)
- 101 (work or worker* or workload*).ti,jw. (157895)
- 102 (workplace* or worksite*).ti,jw. (13038)
- 103 occupational.ti,jw. (104324)
- 104 (job or jobs).ti,jw. (14929)
- 105 (organi?ations or organi?ational or company or companies or corporation*).ti,jw. (27925)
- 106 personnel.ti,jw. (17328)
- 107 exp *occupational groups/ (423598)
- 108 profession*.ti,jw. (88636)
- 109 (staff or staffing).ti,jw. (30461)
- 110 (colleague* or coworker*).ti,jw. (2609)
- 111 *"Occupational Diseases"/ (68659)
- 112 *Job Satisfaction/ (11348)
- 113 *Occupational Health/ (23490)
- 114 *Occupational Health Services/ (7783)
- 115 *"Personnel Staffing and Scheduling"/ (9688)
- 116 *"Organizational Culture"/ (5349)
- 117 or/98-116 (836219)
- 118 97 and 117 (103483)
- 119 9 or 26 or 72 or 118 (186369)
- 120 randomized controlled trial.pt. (495256)
- 121 randomi?ed.mp. (848189)
- 122 placebo.mp. (209564)

- 123 intervention.ti,ab. (563261)
- 124 interventions.ti,ab. (425973)
- 125 program.ti,ab. (420235)
- 126 programme.ti,ab. (92383)
- 127 trial.ti,ab. (566779)
- 128 or/120-127 (2235608)
- 129 119 and 128 (40154)
- 130 limit 129 to english language (38334)
- 131 limit 130 to (comment or congress or consensus development conference or consensus development conference, nih or editorial or letter or news) (312)
- 132 130 not 131 (38022)
- 133 Animals/ not (Humans/ and Animals/) (4613687)
- 134 132 not 133 (37817)
- 135 afghanistan/ or exp "africa, northern"/ or exp "africa, central"/ or exp "africa, eastern"/ or angola/ or botswana/ or lesotho/ or malawi/ or mozambique/ or namibia/ or swaziland/ or zambia/ or zimbabwe/ or exp "africa, western"/ or albania/ or andorra/ or antarctic regions/ or argentina/ or exp asia, central/ or exp asia, northern/ or exp asia, southeastern/ or exp atlantic islands/ or bahrain/ or bangladesh/ or Bhutan/ or bolivia/ or borneo/ or "bosnia and Herzegovina"/ or bulgaria/ or exp central america/ or colombia/ or "Commonwealth of Independent States"/ or croatia/ or "Democratic People's Republic of Korea"/ or ecuador/ or gibraltar/ or guyana/ or indonesia/ or iran/ or iraq/ or jordan/ or kosovo/ or kuwait/ or lebanon/ or liechtenstein/ or macau/ or "macedonia (republic)"/ or exp melanesia/ or moldova/ or monaco/ or mongolia/ or montenegro/ or nepal/ or Netherlands Antilles/ or New Guinea/ or oman/ or pakistan/ or paraguay/ or peru/ or philippines/ or qatar/ or "republic of Belarus"/ or romania/ or saudi arabia/ or serbia/ or sri lanka/ or suriname/ or syria/ or taiwan/ or exp transcaucasia/ or ukraine/ or uruguay/ or united arab emirates/ or exp ussr/ or venezuela/ or yemen/ (626180)
- 136 "Organisation for Economic Co-Operation and Development"/ (215)
- 137 oecd*.ti,ab. (3994)
- 138 "Organisation for Economic Co-operation and Development".ti,ab. (618)
- 139 "Organisation for Economic Cooperation and Development".ti,ab. (154)
- 140 "Organization for Economic Co-operation and Development".ti,ab. (299)
- 141 "Organization for Economic Cooperation and Development".ti,ab. (562)
- 142 (BRIC or BRICS).ti,ab. (536)
- 143 australasia/ or exp australia/ or austria/ or exp Baltic States/ or belgium/ or exp canada/ or chile/ or czech republic/ or europe/ or exp france/ or exp germany/ or greece/ or hungary/ or ireland/ or Israel/ or exp italy/ or exp japan/ or korea/ or luxembourg/ or mexico/ or netherlands/ or new zealand/ or north america/ or poland/ or portugal/ or exp "republic of korea"/ or exp "Scandinavian and Nordic Countries"/

or slovakia/ or slovenia/ or spain/ or switzerland/ or turkey/ or exp united kingdom/ or
exp united states/ or Brazil/ or exp Russia/ or exp India/ or exp China/ or South
Africa/ (3492300)

- 144 European Union/ (15721)
- 145 Developed Countries/ (20307)
- 146 or/136-145 (3509293)
- 147 135 not (135 and 146) (518413)
- 148 134 not 147 (36146)
- 149 limit 148 to yr="2007 -Current" (26917)
- 150 (manage* or supervis* or "team leader*" or "line leader*").ti,ab. (1277713)
- 151 149 and 150 (5808)
- 152 149 not 150 (21109)

5.7.2 Rerun searches

- 1 exp Occupational Stress/ (14643)
- 2 "Burnout, Professional"/ (12701)
- 3 Job Satisfaction/ (25474)
- 4 "job satisfaction".ti,ab. (9047)
- 5 (satisf* adj3 (work* or job*)).ti,ab. (13119)
- 6 work engagement/ (484)
- 7 (engage* adj3 (work* or job*)).ti,ab. (5384)
- 8 ((motivation or motivated) adj3 (work* or job*)).ti,ab. (2798)
- 9 or/1-8 (49853)
- 10 Absenteeism/ (9211)
- 11 absenteeism.ti,ab. (6036)
- 12 Presenteeism/ (360)
- 13 presenteeism.ti,ab. (1275)
- 14 Work Performance/ (938)
- 15 (work adj3 performance).ti,ab. (5543)
- 16 (job adj3 performance).ti,ab. (2022)
- 17 or/10-16 (20497)
- 18 wellbeing.ti,ab. (17783)
- 19 "well-being".ti,ab. (81488)
- 20 Psychology, Positive/ (50)

21	Mental Health/ (41330)
22	mental*.ti,ab. (373842)
23	Resilience, Psychological/ (6388)
24	Adaptation, Psychological/ (96129)
25	psych*.ti,ab. (847486)
26	or/18-25 (1217426)
27	17 and 26 (4374)
28	wellbeing.ti. (3302)
29	"well-being".ti. (14448)
30	*Psychology, Positive/ (33)
31	exp *Stress, Psychological/ (86976)
32	stress.ti. (242593)
33	burnout.ti. (7053)
34	exp *Fatigue/ (16507)
35	fatigue*.ti. (27779)
36	tired*.ti. (626)
37	*Depression/ (75699)
38	(depression or depressed).ti. (115869)
39	*Anxiety/ (43695)
40	anxiety.ti. (53580)
41	*"Sleep Initiation and Maintenance Disorders"/ or *Sleep/ or *"Sleep Deprivation"/ (48084)
42	insomnia.ti. (7695)
43	sleep.ti. (94399)
44	productivity.ti. (10196)
45	exp *Efficiency/ (13882)
46	(confidence not "confidence interval").ti. (5907)
47	*self concept/ (25909)
48	*self efficacy/ (8695)
49	"self esteem".ti. (4380)
50	(mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti. (3238)

- 51 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti.
(73138)
- 52 *Quality of Life/ or *Quality-Adjusted Life Years/ (94867)
- 53 or/28-52 (783289)
- 54 employment/ or employment, supported/ (47882)
- 55 (employee* or employment or employed).ti,ab,jw. (451161)
- 56 Workplace/ (23912)
- 57 (work or worker* or workload*).ti,ab,jw. (1217298)
- 58 (workplace* or worksite*).ti,ab,jw. (46116)
- 59 occupational.ti,ab,jw. (172171)
- 60 (job or jobs).ti,ab,jw. (64306)
- 61 (organi?ations or organi?ational or company or companies or
corporation*).ti,ab,jw. (201460)
- 62 personnel.ti,ab,jw. (76331)
- 63 exp occupational groups/ (621535)
- 64 profession*.ti,jw. (94676)
- 65 (staff or staffing).ti,ab,jw. (172056)
- 66 (colleague* or coworker*).ti,ab,jw. (39477)
- 67 "Occupational Diseases"/ (84002)
- 68 Job Satisfaction/ (25474)
- 69 Occupational Health/ (34277)
- 70 Occupational Health Services/ (10605)
- 71 "Personnel Staffing and Scheduling"/ (17385)
- 72 "Organizational Culture"/ (17828)
- 73 or/54-72 (2636906)
- 74 53 and 73 (115543)
- 75 wellbeing.ti,ab. (17783)
- 76 "well-being".ti,ab. (81488)
- 77 Psychology, Positive/ (50)
- 78 exp Stress, Psychological/ (135266)
- 79 stress.ti,ab. (774559)
- 80 burnout.ti,ab. (12664)
- 81 exp Fatigue/ (31275)

- 82 fatigue*.ti,ab. (99876)
- 83 tired*.ti,ab. (6004)
- 84 Depression/ (123679)
- 85 (depression or depressed).ti,ab. (404434)
- 86 Anxiety/ (84521)
- 87 anxiety.ti,ab. (201143)
- 88 "Sleep Initiation and Maintenance Disorders"/ or Sleep/ or "Sleep Deprivation"/ (72091)
- 89 insomnia.ti,ab. (21993)
- 90 sleep.ti,ab. (172120)
- 91 productivity.ti,ab. (62274)
- 92 exp Efficiency/ (35645)
- 93 (confidence not "confidence interval").ti,ab. (79292)
- 94 self concept/ (57571)
- 95 self efficacy/ (21025)
- 96 "self esteem".ti,ab. (21461)
- 97 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti,ab. (14594)
- 98 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti,ab. (295356)
- 99 Quality of Life/ or Quality-Adjusted Life Years/ (213990)
- 100 or/75-99 (2114419)
- 101 *employment/ or *employment, supported/ (26669)
- 102 (employee* or employment or employed).ti,jw. (26850)
- 103 *Workplace/ (12076)
- 104 (work or worker* or workload*).ti,jw. (169142)
- 105 (workplace* or worksite*).ti,jw. (14262)
- 106 occupational.ti,jw. (108640)
- 107 (job or jobs).ti,jw. (15967)
- 108 (organi?ations or organi?ational or company or companies or corporation*).ti,jw. (29676)
- 109 personnel.ti,jw. (17956)
- 110 exp *occupational groups/ (451700)
- 111 profession*.ti,jw. (94676)

- 112 (staff or staffing).ti,jw. (32119)
- 113 (colleague* or coworker*).ti,jw. (2787)
- 114 *"Occupational Diseases"/ (69898)
- 115 *Job Satisfaction/ (11955)
- 116 *Occupational Health/ (24626)
- 117 *Occupational Health Services/ (7892)
- 118 *"Personnel Staffing and Scheduling"/ (9980)
- 119 *"Organizational Culture"/ (5734)
- 120 or/101-119 (885954)
- 121 100 and 120 (115212)
- 122 9 or 27 or 74 or 121 (207061)
- 123 randomized controlled trial.pt. (521858)
- 124 randomi?ed.mp. (922076)
- 125 placebo.mp. (222542)
- 126 intervention.ti,ab. (634442)
- 127 interventions.ti,ab. (487210)
- 128 program.ti,ab. (455064)
- 129 programme.ti,ab. (100308)
- 130 trial.ti,ab. (630905)
- 131 or/123-130 (2455822)
- 132 122 and 131 (46089)
- 133 limit 132 to english language (44162)
- 134 limit 133 to (comment or congress or consensus development conference or consensus development conference, nih or editorial or letter or news) (377)
- 135 133 not 134 (43785)
- 136 Animals/ not (Humans/ and Animals/) (4748807)
- 137 135 not 136 (43554)
- 138 afghanistan/ or exp "africa, northern"/ or exp "africa, central"/ or exp "africa, eastern"/ or angola/ or botswana/ or lesotho/ or malawi/ or mozambique/ or namibia/ or swaziland/ or zambia/ or zimbabwe/ or exp "africa, western"/ or albania/ or andorra/ or antarctic regions/ or argentina/ or exp asia, central/ or exp asia, northern/ or exp asia, southeastern/ or exp atlantic islands/ or bahrain/ or bangladesh/ or Bhutan/ or bolivia/ or borneo/ or "bosnia and Herzegovina"/ or bulgaria/ or exp central america/ or colombia/ or "Commonwealth of Independent States"/ or croatia/ or "Democratic People's Republic of Korea"/ or ecuador/ or gibraltar/ or guyana/ or indonesia/ or iran/ or iraq/ or jordan/ or kosovo/ or kuwait/ or lebanon/ or

liechtenstein/ or macau/ or "macedonia (republic)"/ or exp melanesia/ or moldova/ or monaco/ or mongolia/ or montenegro/ or nepal/ or Netherlands Antilles/ or New Guinea/ or oman/ or pakistan/ or paraguay/ or peru/ or philippines/ or qatar/ or "republic of Belarus"/ or romania/ or saudi arabia/ or serbia/ or sri lanka/ or suriname/ or syria/ or taiwan/ or exp transcaucasia/ or ukraine/ or uruguay/ or united arab emirates/ or exp ussr/ or venezuela/ or yemen/ (668980)

139 "Organisation for Economic Co-Operation and Development"/ (302)

140 oecd*.ti,ab. (4568)

141 "Organisation for Economic Co-operation and Development".ti,ab. (728)

142 "Organisation for Economic Cooperation and Development".ti,ab. (177)

143 "Organization for Economic Co-operation and Development".ti,ab. (378)

144 "Organization for Economic Cooperation and Development".ti,ab. (628)

145 (BRIC or BRICS).ti,ab. (620)

146 australasia/ or exp australia/ or austria/ or exp Baltic States/ or belgium/ or exp canada/ or chile/ or czech republic/ or europe/ or exp france/ or exp germany/ or greece/ or hungary/ or ireland/ or Israel/ or exp italy/ or exp japan/ or korea/ or luxembourg/ or mexico/ or netherlands/ or new zealand/ or north america/ or poland/ or portugal/ or exp "republic of korea"/ or exp "Scandinavian and Nordic Countries"/ or slovakia/ or slovenia/ or spain/ or switzerland/ or turkey/ or exp united kingdom/ or exp united states/ or Brazil/ or exp Russia/ or exp India/ or exp China/ or South Africa/ (3681554)

147 European Union/ (16424)

148 Developed Countries/ (20678)

149 or/139-148 (3699757)

150 138 not (138 and 149) (556659)

151 137 not 150 (41516)

152 limit 151 to yr="2007 -Current" (32284)

153 (manage* or supervis* or "team leader*" or "line leader*").ti,ab. (1417298)

154 152 and 153 (6957)

155 152 not 153 (25327)

156 ("20191127" or "20191128" or "20191129" or 2019113* or 201912* or 2020* or 2021*).ed,dt. (2468158)

157 154 and 156 (1411)

158 155 and 156 (5388)

5.8 PsycINFO

5.8.1 Original searches

- 1 exp Occupational Stress/ (13319)
- 2 job satisfaction/ (9860)
- 3 "job satisfaction".ti,ab. (10486)
- 4 (satisf* adj3 (work* or job*)).ti,ab. (13115)
- 5 employee engagement/ (2331)
- 6 "work (attitudes toward)"/ (2915)
- 7 job involvement/ (615)
- 8 job enrichment/ (115)
- 9 (engage* adj3 (work* or job*)).ti,ab. (5381)
- 10 employee motivation/ (1267)
- 11 ((motivation or motivated) adj3 (work* or job*)).ti,ab. (2595)
- 12 "quality of work life"/ (1061)
- 13 work-life balance/ (868)
- 14 workaholism/ (362)
- 15 or/1-14 (38161)
- 16 exp employee absenteeism/ (1334)
- 17 absenteeism.ti,ab. (2303)
- 18 presenteeism.ti,ab. (466)
- 19 exp job performance/ (10248)
- 20 (work adj3 performance).ti,ab. (3329)
- 21 (job adj3 performance).ti,ab. (4205)
- 22 or/16-21 (16646)
- 23 exp well being/ (37141)
- 24 wellbeing.ti,ab. (11503)
- 25 "well-being".ti,ab. (63047)
- 26 exp mental health/ (50482)
- 27 exp *mental disorders/ (473233)
- 28 mental*.ti,ab. (236676)
- 29 exp "resilience (psychological)"/ (12256)
- 30 coping behavior/ (27796)

- 31 "stress and coping measures"/ (104)
- 32 exp emotional adjustment/ (9925)
- 33 social adjustment/ (3021)
- 34 social acceptance/ (3844)
- 35 psych*.ti,ab. (618503)
- 36 or/23-35 (1061124)
- 37 22 and 36 (5200)
- 38 wellbeing.ti. (2330)
- 39 "well-being".ti. (15874)
- 40 exp *well being/ (27721)
- 41 exp *stress/ (54160)
- 42 exp *"Stress and Coping Measures"/ (47)
- 43 *"stress and trauma related disorders"/ or *acute stress disorder/ or *adjustment disorders/ (756)
- 44 *stress management/ (2211)
- 45 stress.ti. (47223)
- 46 burnout.ti. (4517)
- 47 *fatigue/ (4789)
- 48 fatigue*.ti. (5036)
- 49 tired*.ti. (153)
- 50 *"depression (emotion)"/ (5394)
- 51 exp *affective disorders/ (79067)
- 52 (depression or depressed).ti. (54877)
- 53 exp *anxiety/ (29436)
- 54 exp *anxiety disorders/ (28473)
- 55 *anxiety management/ (321)
- 56 anxiety.ti. (33022)
- 57 *insomnia/ (3922)
- 58 *sleep/ or *sleep onset/ or *sleep deprivation/ (14624)
- 59 insomnia.ti. (3057)
- 60 sleep.ti. (22288)
- 61 exp *productivity/ (2177)
- 62 productivity.ti. (1619)

- 63 *self-confidence/ (1771)
- 64 (confidence not "confidence interval").ti. (2619)
- 65 *self-concept/ (15696)
- 66 *self-regard/ (38)
- 67 *self-esteem/ (9045)
- 68 *self-congruence/ (264)
- 69 "self esteem".ti. (5870)
- 70 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti. (2500)
- 71 *mental health literacy/ (203)
- 72 *"mental illness (attitudes toward)"/ (1416)
- 73 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti. (17675)
- 74 exp **quality of life"/ (28712)
- 75 or/38-74 (317226)
- 76 employment status/ or employability/ or reemployment/ or self-employment/ or supported employment/ (13048)
- 77 (employee* or employment or employed).ti,ab,jw. (132384)
- 78 exp human resource management/ (29537)
- 79 workplace intervention/ (539)
- 80 exp working conditions/ (19870)
- 81 (work or worker* or workload*).ti,ab,jw. (368247)
- 82 (workplace* or worksite*).ti,ab,jw. (30132)
- 83 occupational.ti,ab,jw. (30427)
- 84 occupations/ (4097)
- 85 exp occupational choice/ (3404)
- 86 occupational preference/ (305)
- 87 exp job characteristics/ (6601)
- 88 exp nontraditional careers/ (118)
- 89 exp occupational tenure/ (536)
- 90 occupational exposure/ (687)
- 91 occupational guidance/ (3171)
- 92 exp occupational health/ (3375)

- 93 occupational interests/ (754)
- 94 exp occupational interest measures/ (185)
- 95 occupational preference/ (305)
- 96 occupational safety/ (2620)
- 97 occupational status/ (1056)
- 98 occupational success/ (1333)
- 99 occupational therapy/ (3746)
- 100 exp "organizational and occupational measures"/ (832)
- 101 employer attitudes/ (803)
- 102 exp employee attitudes/ (19427)
- 103 (job or jobs).ti,ab,jw. (50961)
- 104 (organi?ations or organi?ational or company or companies or corporation*).ti,ab,jw. (150897)
- 105 exp organizations/ (84479)
- 106 personnel.ti,ab,jw. (20366)
- 107 exp personnel/ (312357)
- 108 profession*.ti,jw. (29808)
- 109 (staff or staffing).ti,ab,jw. (51747)
- 110 (colleague* or coworker*).ti,ab,jw. (27012)
- 111 least preferred coworker scale/ (1)
- 112 or/76-111 (821039)
- 113 75 and 112 (77880)
- 114 wellbeing.ti,ab. (11503)
- 115 "well-being".ti,ab. (63047)
- 116 exp well being/ (37141)
- 117 exp stress/ (70045)
- 118 exp "Stress and Coping Measures"/ (104)
- 119 "stress and trauma related disorders"/ or acute stress disorder/ or adjustment disorders/ (977)
- 120 stress management/ (2812)
- 121 stress.ti,ab. (138802)
- 122 burnout.ti,ab. (8675)
- 123 fatigue/ (6505)

- 124 fatigue.ti,ab. (16030)
- 125 tired*.ti,ab. (1780)
- 126 "depression (emotion)"/ (8560)
- 127 exp affective disorders/ (96711)
- 128 (depression or depressed).ti,ab. (168574)
- 129 exp anxiety/ (42541)
- 130 exp anxiety disorders/ (32816)
- 131 anxiety management/ (422)
- 132 anxiety.ti,ab. (121532)
- 133 insomnia/ (4628)
- 134 sleep/ or sleep onset/ or sleep deprivation/ (17837)
- 135 insomnia.ti,ab. (8388)
- 136 sleep.ti,ab. (44326)
- 137 exp productivity/ (2980)
- 138 productivity.ti,ab. (10674)
- 139 self-confidence/ (2689)
- 140 (confidence not "confidence interval*").ti,ab. (26602)
- 141 self-concept/ (20539)
- 142 self-regard/ (60)
- 143 self-esteem/ (12241)
- 144 self-congruence/ (425)
- 145 "self esteem".ti,ab. (24225)
- 146 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti,ab. (14286)
- 147 mental health literacy/ (392)
- 148 "mental illness (attitudes toward)"/ (1682)
- 149 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti,ab. (56719)
- 150 exp "quality of life"/ (35225)
- 151 or/114-150 (581772)
- 152 *employment status/ or *employability/ or *reemployment/ or *self-employment/ or *supported employment/ (10206)
- 153 (employee* or employment or employed).ti,jw. (18505)

- 154 exp *human resource management/ (25130)
- 155 *workplace intervention/ (377)
- 156 exp *working conditions/ (15928)
- 157 (work or worker* or workload*).ti,jw. (73249)
- 158 (workplace* or worksite*).ti,jw. (9393)
- 159 occupational.ti,jw. (13674)
- 160 *occupations/ (2827)
- 161 exp *occupational choice/ (2921)
- 162 *occupational preference/ (234)
- 163 exp *job characteristics/ (5260)
- 164 exp *nontraditional careers/ (95)
- 165 exp *occupational tenure/ (407)
- 166 *occupational exposure/ (584)
- 167 *occupational guidance/ (2750)
- 168 exp *occupational health/ (2825)
- 169 *occupational interests/ (646)
- 170 exp *occupational interest measures/ (159)
- 171 *occupational preference/ (234)
- 172 *occupational safety/ (2328)
- 173 *occupational status/ (752)
- 174 *occupational success/ (1025)
- 175 *occupational therapy/ (3272)
- 176 exp *"organizational and occupational measures"/ (715)
- 177 *employer attitudes/ (632)
- 178 exp *employee attitudes/ (16552)
- 179 (job or jobs).ti,jw. (11917)
- 180 (organisations or organizational or company or companies or corporation*).ti,jw. (36387)
- 181 exp *organizations/ (66790)
- 182 personnel.ti,jw. (4708)
- 183 exp *personnel/ (243091)
- 184 profession*.ti,jw. (29808)
- 185 (staff or staffing).ti,jw. (5611)

- 186 (colleague* or coworker*).ti,jw. (868)
- 187 *least preferred coworker scale/ (1)
- 188 or/152-187 (411440)
- 189 151 and 188 (79612)
- 190 15 or 37 or 113 or 189 (139203)
- 191 double-blind.tw. (14813)
- 192 random* assigned.tw. (24892)
- 193 control.tw. (290473)
- 194 exp intervention/ (92893)
- 195 treatment effectiveness evaluation/ (18330)
- 196 intervention.ti,ab. (176267)
- 197 interventions.ti,ab. (165569)
- 198 program.ti,ab. (127131)
- 199 programme.ti,ab. (20579)
- 200 trial.ti,ab. (77488)
- 201 or/191-200 (700179)
- 202 190 and 201 (40217)
- 203 limit 202 to human (38725)
- 204 limit 203 to english language (37015)
- 205 limit 204 to ("column/opinion" or "comment/reply" or editorial or letter or review-book) (1698)
- 206 204 not 205 (35317)
- 207 limit 206 to conference proceedings (1)
- 208 206 not 207 (35316)
- 209 208 (35316)
- 210 limit 209 to yr="2007 -Current" (29569)
- 211 limit 210 to (100 childhood <birth to age 12 yrs> or 120 neonatal <birth to age 1 mo> or 140 infancy <2 to 23 mo> or 160 preschool age <age 2 to 5 yrs> or 180 school age <age 6 to 12 yrs>) (2289)
- 212 limit 210 to (200 adolescence <age 13 to 17 yrs> or "300 adulthood <age 18 yrs and older>" or 320 young adulthood <age 18 to 29 yrs> or 340 thirties <age 30 to 39 yrs> or 360 middle age <age 40 to 64 yrs> or "380 aged <age 65 yrs and older>" or "390 very old <age 85 yrs and older>") (23273)
- 213 211 not 212 (650)
- 214 210 not 213 (28919)

- 215 exp management personnel/ (16662)
- 216 industrial foremen/ (7)
- 217 exp management/ (51547)
- 218 exp human resource management/ (29537)
- 219 (manage* or supervis* or "team leader*" or "line leader*").ti,ab. (231642)
- 220 or/215-219 (273162)
- 221 214 and 220 (6987)
- 222 214 not 221 (21932)

5.8.2 Rerun searches

- 1 exp Occupational Stress/ (14689)
- 2 job satisfaction/ (10744)
- 3 "job satisfaction".ti,ab. (11418)
- 4 (satisf* adj3 (work* or job*)).ti,ab. (14268)
- 5 employee engagement/ (2853)
- 6 "work (attitudes toward)"/ (3052)
- 7 job involvement/ (646)
- 8 job enrichment/ (124)
- 9 (engage* adj3 (work* or job*)).ti,ab. (6196)
- 10 employee motivation/ (1402)
- 11 ((motivation or motivated) adj3 (work* or job*)).ti,ab. (2821)
- 12 "quality of work life"/ (1125)
- 13 work-life balance/ (1020)
- 14 workaholism/ (392)
- 15 or/1-14 (42047)
- 16 exp employee absenteeism/ (1400)
- 17 absenteeism.ti,ab. (2507)
- 18 presenteeism.ti,ab. (515)
- 19 exp job performance/ (11375)
- 20 (work adj3 performance).ti,ab. (3653)
- 21 (job adj3 performance).ti,ab. (4584)
- 22 or/16-21 (18298)
- 23 exp well being/ (41692)

- 24 wellbeing.ti,ab. (13625)
- 25 "well-being".ti,ab. (70367)
- 26 exp mental health/ (57101)
- 27 exp *mental disorders/ (511742)
- 28 mental*.ti,ab. (260016)
- 29 exp "resilience (psychological)"/ (14240)
- 30 coping behavior/ (29917)
- 31 "stress and coping measures"/ (142)
- 32 exp emotional adjustment/ (10494)
- 33 social adjustment/ (3194)
- 34 social acceptance/ (4194)
- 35 psych*.ti,ab. (666272)
- 36 or/23-35 (1148956)
- 37 22 and 36 (5707)
- 38 wellbeing.ti. (2742)
- 39 "well-being".ti. (17768)
- 40 exp *well being/ (30847)
- 41 exp *stress/ (59817)
- 42 exp *'"Stress and Coping Measures"/ (66)
- 43 *'"stress and trauma related disorders"/ or *acute stress disorder/ or *adjustment disorders/ (812)
- 44 *stress management/ (2408)
- 45 stress.ti. (51721)
- 46 burnout.ti. (5120)
- 47 *fatigue/ (5321)
- 48 fatigue*.ti. (5523)
- 49 tired*.ti. (173)
- 50 *'"depression (emotion)"/ (5679)
- 51 exp *affective disorders/ (86304)
- 52 (depression or depressed).ti. (59696)
- 53 exp *anxiety/ (33238)
- 54 exp *anxiety disorders/ (29753)
- 55 *anxiety management/ (393)

- 56 anxiety.ti. (36342)
- 57 *insomnia/ (4378)
- 58 *sleep/ or *sleep onset/ or *sleep deprivation/ (16358)
- 59 insomnia.ti. (3450)
- 60 sleep.ti. (24572)
- 61 exp *productivity/ (2307)
- 62 productivity.ti. (1721)
- 63 *self-confidence/ (1949)
- 64 (confidence not "confidence interval").ti. (2897)
- 65 *self-concept/ (16330)
- 66 *self-regard/ (51)
- 67 *self-esteem/ (9718)
- 68 *self-congruence/ (276)
- 69 "self esteem".ti. (6341)
- 70 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti. (2808)
- 71 *mental health literacy/ (251)
- 72 *"mental illness (attitudes toward)"/ (1505)
- 73 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti. (19324)
- 74 exp *"quality of life"/ (31276)
- 75 or/38-74 (346855)
- 76 employment status/ or employability/ or reemployment/ or self-employment/ or supported employment/ (14341)
- 77 (employee* or employment or employed).ti,ab,jw. (144731)
- 78 exp human resource management/ (31954)
- 79 workplace intervention/ (905)
- 80 exp working conditions/ (21386)
- 81 (work or worker* or workload*).ti,ab,jw. (398129)
- 82 (workplace* or worksite*).ti,ab,jw. (33039)
- 83 occupational.ti,ab,jw. (32777)
- 84 occupations/ (5219)
- 85 exp occupational choice/ (3590)

- 86 occupational preference/ (346)
- 87 exp job characteristics/ (7328)
- 88 exp nontraditional careers/ (124)
- 89 exp occupational tenure/ (605)
- 90 occupational exposure/ (748)
- 91 occupational guidance/ (3325)
- 92 exp occupational health/ (3804)
- 93 occupational interests/ (838)
- 94 exp occupational interest measures/ (201)
- 95 occupational preference/ (346)
- 96 occupational safety/ (2851)
- 97 occupational status/ (1136)
- 98 occupational success/ (1387)
- 99 occupational therapy/ (4105)
- 100 exp "organizational and occupational measures"/ (932)
- 101 employer attitudes/ (846)
- 102 exp employee attitudes/ (21041)
- 103 (job or jobs).ti,ab,jw. (55221)
- 104 (organi?ations or organi?ational or company or companies or corporation*).ti,ab,jw. (163457)
- 105 exp organizations/ (91062)
- 106 personnel.ti,ab,jw. (21902)
- 107 exp personnel/ (341081)
- 108 profession*.ti,jw. (32423)
- 109 (staff or staffing).ti,ab,jw. (56332)
- 110 (colleague* or coworker*).ti,ab,jw. (28763)
- 111 least preferred coworker scale/ (1)
- 112 or/76-111 (889858)
- 113 75 and 112 (86079)
- 114 wellbeing.ti,ab. (13625)
- 115 "well-being".ti,ab. (70367)
- 116 exp well being/ (41692)
- 117 exp stress/ (77806)

- 118 exp "Stress and Coping Measures"/ (142)
- 119 "stress and trauma related disorders"/ or acute stress disorder/ or adjustment disorders/ (1059)
- 120 stress management/ (3096)
- 121 stress.ti,ab. (152175)
- 122 burnout.ti,ab. (9884)
- 123 fatigue/ (7257)
- 124 fatigue.ti,ab. (17603)
- 125 tired*.ti,ab. (1936)
- 126 "depression (emotion)"/ (9185)
- 127 exp affective disorders/ (106325)
- 128 (depression or depressed).ti,ab. (183694)
- 129 exp anxiety/ (48296)
- 130 exp anxiety disorders/ (34506)
- 131 anxiety management/ (596)
- 132 anxiety.ti,ab. (133864)
- 133 insomnia/ (5214)
- 134 sleep/ or sleep onset/ or sleep deprivation/ (20074)
- 135 insomnia.ti,ab. (9348)
- 136 sleep.ti,ab. (48849)
- 137 exp productivity/ (3185)
- 138 productivity.ti,ab. (11616)
- 139 self-confidence/ (3038)
- 140 (confidence not "confidence interval*").ti,ab. (29455)
- 141 self-concept/ (21488)
- 142 self-regard/ (77)
- 143 self-esteem/ (13175)
- 144 self-congruence/ (442)
- 145 "self esteem".ti,ab. (25945)
- 146 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti,ab. (15904)
- 147 mental health literacy/ (449)
- 148 "mental illness (attitudes toward)"/ (1806)

- 149 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti,ab. (62453)
- 150 exp "quality of life"/ (38559)
- 151 or/114-150 (635727)
- 152 *employment status/ or *employability/ or *reemployment/ or *self-employment/ or *supported employment/ (11148)
- 153 (employee* or employment or employed).ti,jw. (20417)
- 154 exp *human resource management/ (26966)
- 155 *workplace intervention/ (619)
- 156 exp *working conditions/ (17056)
- 157 (work or worker* or workload*).ti,jw. (79511)
- 158 (workplace* or worksite*).ti,jw. (10267)
- 159 occupational.ti,jw. (14649)
- 160 *occupations/ (3465)
- 161 exp *occupational choice/ (3061)
- 162 *occupational preference/ (262)
- 163 exp *job characteristics/ (5782)
- 164 exp *nontraditional careers/ (99)
- 165 exp *occupational tenure/ (447)
- 166 *occupational exposure/ (619)
- 167 *occupational guidance/ (2863)
- 168 exp *occupational health/ (3135)
- 169 *occupational interests/ (704)
- 170 exp *occupational interest measures/ (171)
- 171 *occupational preference/ (262)
- 172 *occupational safety/ (2507)
- 173 *occupational status/ (806)
- 174 *occupational success/ (1069)
- 175 *occupational therapy/ (3574)
- 176 exp *"organizational and occupational measures"/ (794)
- 177 *employer attitudes/ (664)
- 178 exp *employee attitudes/ (17848)
- 179 (job or jobs).ti,jw. (13039)

- 180 (organisations or organizational or company or companies or corporation*).ti,jw. (39226)
- 181 exp *organizations/ (71693)
- 182 personnel.ti,jw. (5058)
- 183 exp *personnel/ (264770)
- 184 profession*.ti,jw. (32423)
- 185 (staff or staffing).ti,jw. (6145)
- 186 (colleague* or coworker*).ti,jw. (939)
- 187 *least preferred coworker scale/ (1)
- 188 or/152-187 (446781)
- 189 151 and 188 (88254)
- 190 15 or 37 or 113 or 189 (153846)
- 191 double-blind.tw. (15711)
- 192 random* assigned.tw. (27220)
- 193 control.tw. (313686)
- 194 exp intervention/ (103066)
- 195 treatment effectiveness evaluation/ (19994)
- 196 intervention.ti,ab. (194900)
- 197 interventions.ti,ab. (184085)
- 198 program.ti,ab. (137263)
- 199 programme.ti,ab. (22355)
- 200 trial.ti,ab. (85119)
- 201 or/191-200 (761623)
- 202 190 and 201 (45028)
- 203 limit 202 to human (43190)
- 204 203 and (english.lg. or "first posting".ps.) (41387)
- 205 limit 204 to ("column/opinion" or "comment/reply" or editorial or letter or review-book) (1742)
- 206 204 not 205 (39645)
- 207 limit 206 to conference proceedings (1)
- 208 206 not 207 (39644)
- 209 208 (39644)
- 210 limit 209 to yr="2007 -Current" (33893)

- 211 limit 210 to (100 childhood <birth to age 12 yrs> or 120 neonatal <birth to age 1 mo> or 140 infancy <2 to 23 mo> or 160 preschool age <age 2 to 5 yrs> or 180 school age <age 6 to 12 yrs>) (2616)
- 212 limit 210 to (200 adolescence <age 13 to 17 yrs> or "300 adulthood <age 18 yrs and older>" or 320 young adulthood <age 18 to 29 yrs> or 340 thirties <age 30 to 39 yrs> or 360 middle age <age 40 to 64 yrs> or "380 aged <age 65 yrs and older>" or "390 very old <age 85 yrs and older>") (26890)
- 213 211 not 212 (735)
- 214 210 not 213 (33158)
- 215 exp management personnel/ (18444)
- 216 industrial foremen/ (7)
- 217 exp management/ (55848)
- 218 exp human resource management/ (31954)
- 219 (manage* or supervis* or "team leader*" or "line leader*").ti,ab. (251391)
- 220 or/215-219 (296409)
- 221 214 and 220 (7912)
- 222 214 not 221 (25246)
- 223 ("20191122" or "20191123" or "20191124" or "20191125" or "20191126" or "20191127" or "20191128" or "20191129" or 2019113* or 201912* or 2020* or 2021*).up. (213741)
- 224 221 and 223 (835)
- 225 222 and 223 (2829)

Website browsing

Website	
Name	Department for Work & Pensions Research Reports
URL	<p>2016-date https://www.gov.uk/government/collections/research-reports</p> <p>2010-2015 https://webarchive.nationalarchives.gov.uk/20160115224110tf_/https://www.gov.uk/government/collections/research-reports</p> <p>2007-2009 https://webarchive.nationalarchives.gov.uk/20091222172300/http://research.dwp.gov.uk/asd/asd5/rrs-index.asp</p>
Date searched	5 th December 2019 (original searches); 1 st February 2021 (reruns)
Search terms (including any specific sections browsed)	Browsed all listed research reports.
Results	<p>75 references added to Qs 1, 3, 4 and 5 database (original searches).</p> <p>1 references added to Q2 database (original searches). No additional refs added at rerun.</p>

Website	
Name	What Works Wellbeing Centre
URL	<p>https://whatworkswellbeing.org/product-category/work/ (original URL)</p> <p>https://whatworkswellbeing.org/category/work/; https://whatworkswellbeing.org/resources/evidence-knowledge-bank-draft/ (URLs at rerun)</p>
Date searched	5 th December 2019 (original searches); 1 st February 2021 (reruns)
Search terms (including any specific sections browsed)	Browsed <i>Resources</i> and <i>Practical Examples and Knowledge Bank</i> sections for relevant reviews.

Results	<p>10 references added to Qs 1, 3, 4 and 5 database (original searches). 2 additional refs added at rerun.</p> <p>3 references added to Q2 database (original searches). No additional refs added at rerun.</p>
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6. Reference harvesting (backwards citation searching) & forward citation searching

The following included studies were used as the basis for reference harvesting and forward citation searching in Web of Science. Only those references that could be accessed through the Web of Science Core Collection (1990-present) are available through NICE subscriptions and therefore only these references were downloaded. Some internal deduplication occurs in Web of Science due to the way references are processed before downloading.

6.1 Question 2

Angelo, Rui-Pedro and Chambel, Maria-Jose (2013) An intervention with firefighters to promote psychological occupational health according to the Job Demands-Resources Model. *Revista de Psicologia Social* 28(2): 197-210

Dimoff, J.K. and Kelloway, E.K. (2019) With a little help from my boss: The impact of workplace mental health training on leader behaviors and employee resource utilization. *Journal of Occupational Health Psychology* 24(1): 4-19

Dimoff, Jennifer K, Kelloway, E. Kevin, Burnstein, Matthew D et al. (2016) Mental health awareness training (MHAT): The development and evaluation of an intervention for workplace leaders. *International Journal of Stress Management* 23(2): 167-189

Elo, Anna-Liisa, Ervasti, Jenni, Kuosma, Eeva et al. (2014) Effect of a leadership intervention on subordinate well-being. *Journal of Management Development* 33(3): 182-195

Gayed, A., Tan, L., LaMontagne, A.D. et al. (2019) A comparison of face-to-face and online training in improving managers' confidence to support the mental health of workers. *Internet Interventions*: 100258

Gayed, Aimee, Bryan, Bridget T, LaMontagne, Anthony D et al. (2019) A Cluster Randomized Controlled Trial to Evaluate HeadCoach: An Online Mental Health Training Program for Workplace Managers. *Journal of occupational and environmental medicine* 61(7): 545-551

Gayed, Aimee, Bryan, Bridget T, Petrie, Katherine et al. (2018) A protocol for the HeadCoach trial: the development and evaluation of an online mental health training program for workplace managers. *BMC psychiatry* 18(1): 25

Hardre, Patricia L and Reeve, Johnmarshall (2009) Training corporate managers to adopt a more autonomy-supportive motivating style toward employees: An intervention study. *International Journal of Training and Development* 13(3): 165-184

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Review question 6

7. Review question details

Topic: Mental wellbeing at work (update of PH22)

Review 6:

What are the barriers and facilitators to, and key aspects of (including systems and processes), the successful implementation or delivery of mental wellbeing interventions, programmes, policies or strategies at work?

8. Database strategy outline

8.1 Overview

This guideline has a broad scope, which means that the number of possible interventions can't realistically be formalised into a finite list. Rather than focus on the interventions for the searches we chose to focus on identifying papers which mention the review population (i.e. workers) and outcomes.

Population and outcome terms are shared with review questions 1-5. It is recommended that you read the companion document for that question first to understand the basic structure of the search.

Question 6 differs from Qs 1-5 in that it deals with "barriers and facilitators" around the effectiveness of interventions and has a different set of includable study designs. Any study design limits were removed from the Q1-5 searches and additional terms for "barriers and facilitators"-type topics were added (lines 138-166 in the Medline strategt)

The search was developed in Medline and then translated into other databases.

8.2 Filters and limits

Lines 126-137 are the (2017) Medline UK filter published by Ayiku et al.

8.3 Citation searching

Citation searching was planned into the protocol for this question but not completed due to time limitations.

8.4 Other notes

References to studies retrieved for Qs 1-5 that were relevant to this review question could be copied over to this review, and vice-versa.

8.5 Quality assurance

The Information Services team at NICE quality assured the principal search strategy and peer reviewed the strategies for the other databases according to the standard NICE checklist that was adapted from the 2015 Peer review of electronic search strategies (PRESS) checklist.

9. Search dates

Database name	Date searched	Database Platform	Database segment or version
Applied Social Science Index and Abstracts (ASSIA)	Original searches 27 th January 2020	ProQuest	1987-current (note that ProQuest do not give the dates that ASSIA was last updated when searching)
	Rerun searches 1 st February 2021		
Cochrane Central Register of Controlled Trials (CENTRAL) / Cochrane Database of Systematic Reviews (CDSR)	Original searches 27 th January 2020	Wiley	Issue 1 of 12, 2020 (both databases)
	Rerun searches 1 st February 2021		Issue 2 of 2, 2021 (both databases)
Econlit	Original searches 27 th January 2020	Ovid	1886 to January 09, 2020
	Rerun searches 1 st February 2021		1886 to January 21, 2021
Embase	Original searches 27 th January 2020	Ovid	1974 to 2020 January 24
	Rerun searches 1 st February 2021		1996 to 2021 January 29
Epistemonikos	Original searches 27 th January 2020	-	Not applicable
	Rerun searches 1 st February 2021		

HealthEvidence.org	Original searches 27 th January 2020	-	Not applicable
	Rerun searches 1 st February 2021		
MEDLINE ALL	Original searches 27 th January 2020	Ovid	1946 to January 24, 2020
	Rerun searches 1 st February 2021		1946 to January 29, 2021
PsycINFO	Original searches 27 th January 2020	Ovid	1806 to January Week 3 2020
	Rerun searches 1 st February 2021		2002 to January Week 4 2021

10. Number of records retrieved

Search source	No. of records retrieved (original searches)	No. of records retrieved (rerun searches)	Results ³	De-duplicated
Applied Social Science Index and Abstracts (ASSIA)	4738	1891	31035	21692
Cochrane Central Register of Controlled Trials (CENTRAL)	3957	552		
Cochrane Database of Systematic Reviews (CDSR)	214	25		
Econlit	143	22		
Embase	5371	1157		
Epistemonikos	2914	1785		
HealthEvidence.org	88	14		
MEDLINE ALL	4484	1092		
PsycINFO	2125	461		
DWP Research Reports	-	2		
What Works Wellbeing centre	-	-		

³ Totals do not include references included in the previous NICE review (PH22) and additional references suggested by the guideline committee that were also considered for this review question.

11. Database search strategies

11.1 Applied Social Science Index and Abstracts (ASSIA)

11.1.1 Original searches

(((((MAINSUBJECT.EXACT.EXPLODE("Employment") OR MAINSUBJECT.EXACT("Occupational stress" OR "Occupational stress management" OR "Job satisfaction" OR "Job involvement" OR "Workaholism") OR TI,AB("job satisfaction" OR ((satisfaction OR satisfied OR engaged OR engagement OR motivation OR motivated) NEAR/3 (work OR worker OR workers OR job OR jobs OR workforce OR workplace)))) OR ((MAINSUBJECT.EXACT("Absenteeism" OR "Work behaviour" OR "Job Performance") OR MAINSUBJECT.EXACT.EXPLODE("Wellbeing" OR "Adaptation") OR TI,AB(absenteeism OR presenteeism OR (work NEAR/3 performance) OR (job NEAR/3 performance))) AND (MAINSUBJECT.EXACT("Resilience") OR MAINSUBJECT("Mental Health" OR "Psychological") OR TI,AB("well-being" OR mental OR mentally OR psychology OR psychological OR psychologically OR psychiatry OR psychiatric OR psychiatrically))) OR (TI(wellbeing OR "well-being" OR stress OR burnout OR fatigue OR fatigued OR tired OR tiredness OR depression OR depressed OR anxiety OR insomnia OR sleep OR productivity OR (confidence NOT ("confidence interval" OR "confidence intervals"))) OR "self esteem" OR (mental NEAR/9 (literacy OR knowledge OR attitude OR attitudes OR awareness OR communication OR communications OR communicative OR communicativeness OR skill OR skills OR competent OR competency OR competence OR competencies OR competently OR uptake OR "take-up")) OR ("quality of life" OR "quality adjusted life" OR qaly OR qalys OR qald OR qalds OR qale OR qales OR qtime OR qtimes)) AND (MAINSUBJECT.EXACT.EXPLODE("Employment" OR "Employees" OR "Employees" OR "Work" OR "Working Hours" OR "Work commitment" OR "Work values" OR "Occupational health" OR "Jobs" OR "Corporate culture" OR "Work organization" OR "Professionals" OR "Personnel management" OR "Human resources management" OR "Staffing") OR MAINSUBJECT.EXACT("Labour force" OR "Workplace control" OR "Workplace learning" OR "Workplaces" OR "Working style" OR "Work status" OR "Work-family conflict" OR "Work-leisure conflict" OR "Work-leisure attitudes" OR "Work-school conflict" OR "Work site programmes" OR "Organizational policy" OR "Organizational factors" OR "Organizational environment" OR "Work environment" OR "Organizational models" OR "Organizational structure" OR "Organizational support" OR "Personnel" OR "Manpower planning" OR "Staffing levels" OR "Occupational diseases") OR MAINSUBJECT("Occupational" OR "Employment" OR "Colleagues" OR "Staff") OR TI,AB,PUB(employee OR employees OR employment OR employed OR work OR worker OR workers OR workload OR workloads OR workplace OR workplaces OR worksite OR worksites OR occupational OR job OR jobs OR organisation OR organization OR organisations OR organizations OR organisational OR organizational OR company OR companies OR corporation OR corporations OR personnel OR staff OR staffing OR colleague OR colleagues OR coworker OR coworkers) OR TI,PUB (profession OR professions OR professional OR professionals))) OR ((MAINSUBJECT.EXACT.EXPLODE("Wellbeing" OR "Depression" OR "Anxiety" OR "Sleep" OR "Productivity" OR "Selfesteem") OR MAINSUBJECT.EXACT("Stress" OR "Daily Stress" OR "Critical incident stress" OR "Life Stress" OR "Nervous breakdown" OR "Role stress" OR "Social stress" OR

"Traumatic stress" OR "Burnout" OR "Fatigue" OR "Mental fatigue" OR "Anxiety-Depression" OR "Anxiety disorders" OR "Acute Stress disorder" OR "Generalized anxiety disorders" OR "Panic disorders" OR "Sleep problems" OR "Sleep deprivation" OR "Selfconfidence" OR "Selfacceptance" OR "Selfactualization" OR "Selfcongruence" OR "Selfefficacy" OR "Mental health perspectives" OR "Quality adjusted life years" OR "Quality of life") OR TI,AB(wellbeing OR "well-being" OR stress OR burnout OR fatigue OR fatigued OR tired OR tiredness OR depression OR depressed OR anxiety OR insomnia OR sleep OR productivity OR (confidence NOT ("confidence interval" OR "confidence intervals")) OR "self esteem" OR (mental NEAR/9 (literacy OR knowledge OR attitude OR attitudes OR awareness OR communication OR communications OR communicative OR communicativeness OR skill OR skills OR competent OR competency OR competence OR competencies OR competently OR uptake OR "take-up")) OR ("quality of life" OR "quality adjusted life" OR qaly OR qalys OR qald OR qalds OR qale OR qales OR qtime OR qtimes))) AND (TI,PUB(employee OR employees OR employment OR employed OR work OR worker OR workers OR workload OR workloads OR workplace OR workplaces OR worksite OR worksites OR occupational OR job OR jobs OR organisation OR organization OR organisations OR organizations OR organisational OR organizational OR company OR companies OR corporation OR corporations OR personnel OR staff OR staffing OR colleague OR colleagues OR coworker OR coworkers) OR TI,PUB(profession OR professions OR professional OR professionals)))) AND pd(20070101-20200127)) AND la.exact("ENG")) AND ((MAINSUBJECT.EXACT.EXPLODE("UK") OR TI,AB,AF((national health service*) OR nhs*) OR TI,AB(english NOT ((published OR publication* OR translat* OR written OR language* OR speak* OR literature OR citation*) NEAR/5 english)) OR TI,AB,JN,AF(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*) OR TI,AB,AF(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*)))) OR TI,AB,AF(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") OR TI,AB,AF(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") OR TI,AB,AF(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")) NOT (MAINSUBJECT.EXACT.EXPLODE(USA OR "North America" OR Canada OR "Western Canada" OR "South America" OR "Polar Regions" OR Asia OR "Asia-Pacific region" OR "Pacific region")) NOT (MAINSUBJECT.EXACT.EXPLODE(Europe) OR MAINSUBJECT.EXACT.EXPLODE("European Union") OR MAINSUBJECT(Europe OR European))) AND (TI,AB(intervention* OR training OR program* OR policy OR policies OR strategy OR strategies) OR MAINSUBJECT.EXACT.EXPLODE(intervention OR interventions OR training OR programmes OR strategies OR evaluation) OR MAINSUBJECT(intervention OR interventions OR "employee ownership programmes" OR "work site programmes" OR "organizational policy")) AND (TI,AB(implement* OR deliver* OR accept* OR (change* NEAR/3 behav*) OR barrier* OR facilitat* OR obstacle* OR determinant* OR obstruct* OR adopt* OR support* OR help* OR hinder* OR deter* OR impeded* OR cooperat* OR "co-operat*" OR oppos*) OR MAINSUBJECT.EXACT.EXPLODE(behaviour OR cooperation) OR MAINSUBJECT.EXACT(implementation OR "delivery method" OR "service delivery" OR acceptance OR "behaviour modification" OR barriers OR facilitators OR obstruction OR determinants OR opposition) OR MAINSUBJECT(behavioural))

Notes

ProQuest runs together search lines into a single block once they're OR-ed together. If you need to re-run the search the above block can be pasted back into ASSIA with amended date limits.

11.1.2 Rerun searches

(((((MAINSUBJECT.EXACT.EXPLODE("Employment") OR MAINSUBJECT.EXACT("Occupational stress" OR "Occupational stress management" OR "Job satisfaction" OR "Job involvement" OR "Workaholism") OR TI,AB("job satisfaction" OR ((satisfaction OR satisfied OR engaged OR engagement OR motivation OR motivated) NEAR/3 (work OR worker OR workers OR job OR jobs OR workforce OR workplace)))) OR ((MAINSUBJECT.EXACT("Absenteeism" OR "Work behaviour" OR "Job Performance") OR MAINSUBJECT.EXACT.EXPLODE("Wellbeing" OR "Adaptation") OR TI,AB(absenteeism OR presenteeism OR (work NEAR/3 performance) OR (job NEAR/3 performance)))) AND (MAINSUBJECT.EXACT("Resilience") OR MAINSUBJECT("Mental Health" OR "Psychological") OR TI,AB("well-being" OR mental OR mentally OR psychology OR psychological OR

psychologically OR psychiatry OR psychiatric OR psychiatrically))) OR (TI(wellbeing OR "well-being" OR stress OR burnout OR fatigue OR fatigued OR tired OR tiredness OR depression OR depressed OR anxiety OR insomnia OR sleep OR productivity OR (confidence NOT ("confidence interval" OR "confidence intervals"))) OR "self esteem" OR (mental NEAR/9 (literacy OR knowledge OR attitude OR attitudes OR awareness OR communication OR communications OR communicative OR communicativeness OR skill OR skills OR competent OR competency OR competence OR competencies OR competently OR uptake OR "take-up"))) OR ("quality of life" OR "quality adjusted life" OR qaly OR qalys OR qald OR qalds OR qale OR qales OR qtime OR qtimes)) AND (MAINSUBJECT.EXACT.EXPLODE("Employment" OR "Employees" OR "Employees" OR "Work" OR "Working Hours" OR "Work commitment" OR "Work values" OR "Occupational health" OR "Jobs" OR "Corporate culture" OR "Work organization" OR "Professionals" OR "Personnel management" OR "Human resources management" OR "Staffing") OR MAINSUBJECT.EXACT("Labour force" OR "Workplace control" OR "Workplace learning" OR "Workplaces" OR "Working style" OR "Work status" OR "Work-family conflict" OR "Work-leisure conflict" OR "Work-leisure attitudes" OR "Work-school conflict" OR "Work site programmes" OR "Organizational policy" OR "Organizational factors" OR "Organizational environment" OR "Work environment" OR "Organizational models" OR "Organizational structure" OR "Organizational support" OR "Personnel" OR "Manpower planning" OR "Staffing levels" OR "Occupational diseases") OR MAINSUBJECT("Occupational" OR "Employment" OR "Colleagues" OR "Staff") OR TI,AB,PUB(employee OR employees OR employment OR employed OR work OR worker OR workers OR workload OR workloads OR workplace OR workplaces OR worksite OR worksites OR occupational OR job OR jobs OR organisation OR organization OR organisations OR organizations OR organisational OR organizational OR company OR companies OR corporation OR corporations OR personnel OR staff OR staffing OR colleague OR colleagues OR coworker OR coworkers) OR TI,PUB (profession OR professions OR professional OR professionals))) OR ((MAINSUBJECT.EXACT.EXPLODE("Wellbeing" OR "Depression" OR "Anxiety" OR "Sleep" OR "Productivity" OR "Selfesteem") OR MAINSUBJECT.EXACT("Stress" OR "Daily Stress" OR "Critical incident stress" OR "Life Stress" OR "Nervous breakdown" OR "Role stress" OR "Social stress" OR "Traumatic stress" OR "Burnout" OR "Fatigue" OR "Mental fatigue" OR "Anxiety-Depression" OR "Anxiety disorders" OR "Acute Stress disorder" OR "Generalized anxiety disorders" OR "Panic disorders" OR "Sleep problems" OR "Sleep deprivation" OR "Selfconfidence" OR "Selfacceptance" OR "Selfactualization" OR "Selfcongruence" OR "Selfefficacy" OR "Mental health perspectives" OR "Quality adjusted life years" OR "Quality of life") OR TI,AB(wellbeing OR "well-being" OR stress OR burnout OR fatigue OR fatigued OR tired OR tiredness OR depression OR depressed OR anxiety OR insomnia OR sleep OR productivity OR (confidence NOT ("confidence interval" OR "confidence intervals"))) OR "self esteem" OR (mental NEAR/9 (literacy OR knowledge OR attitude OR attitudes OR awareness OR communication OR communications OR communicative OR communicativeness OR skill OR skills OR competent OR competency OR competence OR competencies OR competently OR uptake OR "take-up"))) OR ("quality of life" OR "quality adjusted life" OR qaly OR qalys OR qald OR qalds OR qale OR qales OR qtime OR qtimes))) AND (TI,PUB(employee OR employees OR employment OR employed OR work OR worker OR workers OR workload OR workloads OR workplace OR workplaces OR worksite OR worksites OR occupational OR job OR jobs OR

organisation OR organization OR organisations OR organizations OR organisational OR organizational OR company OR companies OR corporation OR corporations OR personnel OR staff OR staffing OR colleague OR colleagues OR coworker OR coworkers) OR TI,PUB(profession OR professions OR professional OR professionals)))) AND ud(20200127-20210201)) AND la.exact("ENG")) AND ((MAINSUBJECT.EXACT.EXPLODE("UK") OR TI,AB,AF((national health service*) OR nhs*) OR TI,AB(english NOT ((published OR publication* OR translat* OR written OR language* OR speak* OR literature OR citation*) NEAR/5 english)) OR TI,AB,JN,AF(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*) OR TI,AB,AF(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*)))))) OR TI,AB,AF(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") OR TI,AB,AF(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") OR TI,AB,AF(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")) NOT (MAINSUBJECT.EXACT.EXPLODE(USA OR "North America" OR Canada OR "Western Canada" OR "South America" OR "Polar Regions" OR Asia OR "Asia-Pacific region" OR "Pacific region")) NOT (MAINSUBJECT.EXACT.EXPLODE(Europe) OR MAINSUBJECT.EXACT.EXPLODE("European Union") OR MAINSUBJECT(Europe OR European))) AND (TI,AB(intervention* OR training OR

program* OR policy OR policies OR strategy OR strategies) OR
 MAINSUBJECT.EXACT.EXPLODE(intervention OR interventions OR training OR programmes OR
 strategies OR evaluation) OR MAINSUBJECT(intervention OR interventions OR "employee ownership
 programmes" OR "work site programmes" OR "organizational policy")) AND (TI,AB(implement* OR
 deliver* OR accept* OR (change* NEAR/3 behav*) OR barrier* OR facilitat* OR obstacle* OR
 determinant* OR obstruct* OR adopt* OR support* OR help* OR hinder* OR deter* OR impeded* OR
 cooperat* OR "co-operat*" OR oppos*) OR MAINSUBJECT.EXACT.EXPLODE(behaviour OR
 cooperation) OR MAINSUBJECT.EXACT(implementation OR "delivery method" OR "service delivery"
 OR acceptance OR "behaviour modification" OR barriers OR facilitators OR obstruction OR
 determinants OR opposition) OR MAINSUBJECT(behavioural))

11.2 Cochrane Central Register of Controlled Trials (CENTRAL) / Cochrane Database or Systematic Reviews (CDSR)

11.2.1 Original searches

ID	Search
#1	[mh "Occupational Stress"]
#2	[mh ^"Burnout, Professional"]
#3	[mh ^"Job Satisfaction"]
#4	"job satisfaction":ti,ab
#5	(satisf* NEAR/3 (work* or job*)):ti,ab
#6	[mh ^"work engagement"]
#7	(engage* NEAR/3 (work* or job*)):ti,ab
#8	((motivation or motivated) NEAR/3 (work* or job*)):ti,ab
#9	{OR #1-#8}
#10	[mh ^"absenteeism"]
#11	absenteeism:ti,ab
#12	[mh ^"Presenteeism"]
#13	presenteeism:ti,ab
#14	[mh ^"Work Performance"]
#15	(work NEAR/3 performance):ti,ab
#16	(job NEAR/3 performance):ti,ab
#17	{OR #10-#16}
#18	wellbeing:ti,ab
#19	"well-being":ti,ab
#20	[mh ^"Mental Health"]
#21	mental*:ti,ab
#22	[mh ^"Resilience, Psychological"]
#23	[mh ^"Adaptation, Psychological"]
#24	psych*:ti,ab
#25	{OR #18-#24}
#26	#17 AND #25
#27	wellbeing:ti
#28	"well-being":ti
#29	[mh "Stress, Psychological" [mj]]
#30	stress:ti
#31	burnout:ti
#32	[mh "Fatigue" [mj]]

- #33 fatigue*:ti
- #34 tired*:ti
- #35 [mh ^"Depression" [mj]]
- #36 (depression or depressed):ti
- #37 [mh ^"Anxiety" [mj]]
- #38 anxiety:ti
- #39 [mh ^"Sleep Initiation and Maintenance Disorders" [mj]] OR [mh ^"Sleep" [mj]] OR [mh ^"Sleep Deprivation" [mj]]
- #40 insomnia:ti
- #41 sleep:ti
- #42 productivity:ti
- #43 [mh "Efficiency" [mj]]
- #44 (confidence NOT "confidence interval*"):ti
- #45 [mh ^"self concept" [mj]]
- #46 [mh ^"self efficacy" [mj]]
- #47 "self esteem":ti
- #48 (mental NEAR/9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")):ti
- #49 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*):ti
- #50 [mh ^"Quality of Life" [mj]]
- #51 [mh ^"Quality-Adjusted Life Years" [mj]]
- #52 {OR #27-#51}
- #53 [mh ^"employment"] OR [mh ^"employment, supported"]
- #54 (employee* or employment or employed):ti,ab,so
- #55 [mh ^"Workplace"]
- #56 (work or worker* or workload*):ti,ab,so
- #57 (workplace* or worksite*):ti,ab,so
- #58 occupational:ti,ab,so
- #59 (job or jobs):ti,ab,so
- #60 (organi?ations or organi?ational or company or companies or corporation*):ti,ab,so
- #61 personnel:ti,ab,so
- #62 [mh "occupational groups"]
- #63 profession*:ti,so
- #64 (staff or staffing):ti,ab,so
- #65 (colleague* or coworker*):ti,ab,so
- #66 [mh ^"Occupational Diseases"]
- #67 [mh ^"Job Satisfaction"]
- #68 [mh ^"Occupational Health"]
- #69 [mh ^"Occupational Health Services"]
- #70 [mh ^"Personnel Staffing and Scheduling"]
- #71 [mh ^"Organizational Culture"]
- #72 {OR #53-#71}
- #73 #52 AND #72
- #74 wellbeing:ti,ab
- #75 "well-being":ti,ab
- #76 [mh "Stress, Psychological"]
- #77 stress:ti,ab
- #78 burnout:ti,ab
- #79 [mh "Fatigue"]
- #80 fatigue*:ti,ab
- #81 tired*:ti,ab
- #82 [mh ^"Depression"]
- #83 (depression or depressed):ti,ab
- #84 [mh ^"Anxiety"]
- #85 anxiety:ti,ab
- #86 [mh ^"Sleep Initiation and Maintenance Disorders"] OR [mh ^"Sleep"] OR [mh ^"Sleep Deprivation"]
- #87 insomnia:ti,ab
- #88 sleep:ti,ab
- #89 productivity:ti,ab
- #90 [mh "Efficiency"]
- #91 (confidence NOT "confidence interval*"):ti,ab

- #92 [mh ^"self concept"]
- #93 [mh ^"self efficacy"]
- #94 "self esteem":ti,ab
- #95 (mental NEAR/9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")):ti,ab
- #96 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*):ti,ab
- #97 [mh ^"Quality of Life"]
- #98 [mh ^"Quality-Adjusted Life Years"]
- #99 {OR #74-#98}
- #100 [mh ^"employment" [m]] OR [mh ^"employment, supported" [m]]
- #101 (employee* OR employment OR employed):ti,so
- #102 [mh ^"Workplace" [m]]
- #103 (work or worker* or workload*):ti,so
- #104 (workplace* or worksite*):ti,so
- #105 occupational:ti,so
- #106 (job or jobs):ti,so
- #107 (organi?ations or organi?ational or company or companies or corporation*):ti,so
- #108 personnel:ti,so
- #109 [mh "occupational groups" [m]]
- #110 profession*:ti,so
- #111 (staff or staffing):ti,so
- #112 (colleague* or coworker*):ti,so
- #113 [mh ^"Occupational Diseases" [m]]
- #114 [mh ^"Job Satisfaction" [m]]
- #115 [mh ^"Occupational Health" [m]]
- #116 [mh ^"Occupational Health Services" [m]]
- #117 [mh ^"Personnel Staffing and Scheduling" [m]]
- #118 [mh ^"Organizational Culture" [m]]
- #119 {OR #100-#118}
- #120 #99 AND #119
- #121 #9 OR #26 OR #73 OR #120
- #122 "conference":pt or (clinicaltrials or clinicaltrialsregister or ".who.int" or trialsearch):so
- #123 #121 NOT #122
- #124 implement*:ti,ab
- #125 [mh ^"implementation science"]
- #126 deliver*:ti,ab
- #127 accept*:ti,ab
- #128 (change* NEAR/3 behav*):ti,ab
- #129 barrier*:ti,ab
- #130 facilitat*:ti,ab
- #131 obstacle*:ti,ab
- #132 determinant*:ti,ab
- #133 obstruct*:ti,ab
- #134 adopt*:ti,ab
- #135 support*:ti,ab
- #136 help*:ti,ab
- #137 hinder*:ti,ab
- #138 deter*:ti,ab
- #139 imped*:ti,ab
- #140 (cooperat* or "co-operat*"):ti,ab
- #141 [mh ^"Cooperative Behavior"]
- #142 oppos*:ti,ab
- #143 {OR #124-#142}
- #144 #123 AND #14

11.2.2 Rerun searches

- | ID | Search |
|----|-------------------------------|
| #1 | [mh "Occupational Stress"] |
| #2 | [mh ^"Burnout, Professional"] |
| #3 | [mh ^"Job Satisfaction"] |
| #4 | "job satisfaction":ti,ab |

- #5 (satisf* NEAR/3 (work* or job*)):ti,ab
- #6 [mh ^"work engagement"]
- #7 (engage* NEAR/3 (work* or job*)):ti,ab
- #8 ((motivation or motivated) NEAR/3 (work* or job*)):ti,ab
- #9 {OR #1-#8}
- #10 [mh ^"absenteeism"]
- #11 absenteeism:ti,ab
- #12 [mh ^"Presenteeism"]
- #13 presenteeism:ti,ab
- #14 [mh ^"Work Performance"]
- #15 (work NEAR/3 performance):ti,ab
- #16 (job NEAR/3 performance):ti,ab
- #17 {OR #10-#16}
- #18 wellbeing:ti,ab
- #19 "well-being":ti,ab
- #20 [mh ^"Mental Health"] OR [mh ^"Psychology, Positive"]
- #21 mental*:ti,ab
- #22 [mh ^"Resilience, Psychological"]
- #23 [mh ^"Adaptation, Psychological"]
- #24 psych*:ti,ab
- #25 {OR #18-#24}
- #26 #17 AND #25
- #27 wellbeing:ti
- #28 "well-being":ti
- #29 [mh ^"Psychology, Positive" [mjj]] OR [mh "Stress, Psychological" [mjj]]
- #30 stress:ti
- #31 burnout:ti
- #32 [mh "Fatigue" [mjj]]
- #33 fatigue*:ti
- #34 tired*:ti
- #35 [mh ^"Depression" [mjj]]
- #36 (depression or depressed):ti
- #37 [mh ^"Anxiety" [mjj]]
- #38 anxiety:ti
- #39 [mh ^"Sleep Initiation and Maintenance Disorders" [mjj]] OR [mh ^"Sleep" [mjj]] OR [mh ^"Sleep Deprivation" [mjj]]
- #40 insomnia:ti
- #41 sleep:ti
- #42 productivity:ti
- #43 [mh "Efficiency" [mjj]]
- #44 (confidence NOT "confidence interval*"):ti
- #45 [mh ^"self concept" [mjj]]
- #46 [mh ^"self efficacy" [mjj]]
- #47 "self esteem":ti
- #48 (mental NEAR/9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")):ti
- #49 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*):ti
- #50 [mh ^"Quality of Life" [mjj]]
- #51 [mh ^"Quality-Adjusted Life Years" [mjj]]
- #52 {OR #27-#51}
- #53 [mh ^"employment"] OR [mh ^"employment, supported"]
- #54 (employee* or employment or employed):ti,ab,so
- #55 [mh ^"Workplace"]
- #56 (work or worker* or workload*):ti,ab,so
- #57 (workplace* or worksite*):ti,ab,so
- #58 occupational:ti,ab,so
- #59 (job or jobs):ti,ab,so
- #60 (organi?ations or organi?ational or company or companies or corporation*):ti,ab,so
- #61 personnel:ti,ab,so
- #62 [mh "occupational groups"]
- #63 profession*:ti,so
- #64 (staff or staffing):ti,ab,so

- #65 (colleague* or coworker*):ti,ab,so
 #66 [mh ^"Occupational Diseases"]
 #67 [mh ^"Job Satisfaction"]
 #68 [mh ^"Occupational Health"]
 #69 [mh ^"Occupational Health Services"]
 #70 [mh ^"Personnel Staffing and Scheduling"]
 #71 [mh ^"Organizational Culture"]
 #72 {OR #53-#71}
 #73 #52 AND #72
 #74 wellbeing:ti,ab
 #75 "well-being":ti,ab
 #76 [mh ^"Psychology, Positive"] OR [mh "Stress, Psychological"]
 #77 stress:ti,ab
 #78 burnout:ti,ab
 #79 [mh "Fatigue"]
 #80 fatigue*:ti,ab
 #81 tired*:ti,ab
 #82 [mh ^"Depression"]
 #83 (depression or depressed):ti,ab
 #84 [mh ^"Anxiety"]
 #85 anxiety:ti,ab
 #86 [mh ^"Sleep Initiation and Maintenance Disorders"] OR [mh ^"Sleep"] OR [mh ^"Sleep Deprivation"]
 #87 insomnia:ti,ab
 #88 sleep:ti,ab
 #89 productivity:ti,ab
 #90 [mh "Efficiency"]
 #91 (confidence NOT "confidence interval*"):ti,ab
 #92 [mh ^"self concept"]
 #93 [mh ^"self efficacy"]
 #94 "self esteem":ti,ab
 #95 (mental NEAR/9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")):ti,ab
 #96 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*):ti,ab
 #97 [mh ^"Quality of Life"]
 #98 [mh ^"Quality-Adjusted Life Years"]
 #99 {OR #74-#98}
 #100 [mh ^"employment" [mjj]] OR [mh ^"employment, supported" [mjj]]
 #101 (employee* OR employment OR employed):ti,so
 #102 [mh ^"Workplace" [mjj]]
 #103 (work or worker* or workload*):ti,so
 #104 (workplace* or worksite*):ti,so
 #105 occupational:ti,so
 #106 (job or jobs):ti,so
 #107 (organi?ations or organi?ational or company or companies or corporation*):ti,so
 #108 personnel:ti,so
 #109 [mh "occupational groups" [mjj]]
 #110 profession*:ti,so
 #111 (staff or staffing):ti,so
 #112 (colleague* or coworker*):ti,so
 #113 [mh ^"Occupational Diseases" [mjj]]
 #114 [mh ^"Job Satisfaction" [mjj]]
 #115 [mh ^"Occupational Health" [mjj]]
 #116 [mh ^"Occupational Health Services" [mjj]]
 #117 [mh ^"Personnel Staffing and Scheduling" [mjj]]
 #118 [mh ^"Organizational Culture" [mjj]]
 #119 {OR #100-#118}
 #120 #99 AND #119
 #121 #9 OR #26 OR #73 OR #120
 #122 "conference":pt or (clinicaltrials or clinicaltrialsregister or ".who.int" or trialsearch):so
 #123 #121 NOT #122
 #124 implement*:ti,ab

- #125 [mh ^"implementation science"]
- #126 deliver*:ti,ab
- #127 accept*:ti,ab
- #128 (change* NEAR/3 behav*):ti,ab
- #129 barrier*:ti,ab
- #130 facilitat*:ti,ab
- #131 obstacle*:ti,ab
- #132 determinant*:ti,ab
- #133 obstruct*:ti,ab
- #134 adopt*:ti,ab
- #135 support*:ti,ab
- #136 help*:ti,ab
- #137 hinder*:ti,ab
- #138 deter*:ti,ab
- #139 imped*:ti,ab
- #140 (cooperat* or "co-operat*"):ti,ab
- #141 [mh ^"Cooperative Behavior"]
- #142 oppos*:ti,ab
- #143 {OR #124-#142}
- #144 #123 AND #143 with Cochrane Library publication date Between Jan 2020 and Feb 2021, in Cochrane Reviews
- #145 #123 AND #143

Note

Line 144 = results for CDSR

Line 145 = results for CENTRAL (limited by database entry date using on-screen limits which don't get reflected in the strategy when transcribed)

11.3 Econlit

11.3.1 Original searches

- 1 "job satisfaction".ti,ab. (1626)
- 2 (satisf* adj3 (work* or job*)).ti,ab. (2067)
- 3 (engage* adj3 (work* or job*)).ti,ab. (572)
- 4 ((motivation or motivated) adj3 (work* or job*)).ti,ab. (620)
- 5 or/1-4 (3158)
- 6 absenteeism.ti,ab. (559)
- 7 presenteeism.ti,ab. (40)
- 8 (work adj3 performance).ti,ab. (507)
- 9 (job adj3 performance).ti,ab. (480)
- 10 or/6-9 (1512)
- 11 wellbeing.ti,ab. (1606)
- 12 "well-being".ti,ab. (8596)
- 13 l31.cc. (12176)
- 14 mental*.ti,ab. (3983)
- 15 psych*.ti,ab. (10696)
- 16 or/11-15 (30305)
- 17 10 and 16 (134)
- 18 wellbeing.ti. (458)
- 19 "well-being".ti. (2838)
- 20 stress.ti. (1490)
- 21 burnout.ti. (124)
- 22 fatigue*.ti. (87)
- 23 tired*.ti. (14)
- 24 (depression or depressed).ti. (1792)
- 25 anxiety.ti. (153)
- 26 insomnia.ti. (9)
- 27 sleep.ti. (88)
- 28 productivity.ti. (16435)
- 29 (confidence not "confidence interval").ti. (1039)
- 30 "self esteem".ti. (101)
- 31 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti. (13)
- 32 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti. (1193)
- 33 or/18-32 (25644)
- 34 (employee* or employment or employed).ti,ab,jx. (87657)
- 35 (work or worker* or workload*).ti,ab,jx. (108308)
- 36 (workplace* or worksite*).ti,ab,jx. (5240)
- 37 occupational.ti,ab,jx. (6414)
- 38 (job or jobs).ti,ab,jx. (31884)
- 39 (organi?ations or organi?ational or company or companies or corporation*).ti,ab,jx. (91538)
- 40 personnel.ti,ab,jx. (3108)
- 41 profession*.ti,jx. (3828)
- 42 (staff or staffing).ti,ab,jx. (6005)
- 43 (colleague* or coworker*).ti,ab,jx. (1259)
- 44 (D22 or J3* or J4* or J5* or J6* or J7* or J8*).cc. (104084)
- 45 or/34-44 (315373)
- 46 33 and 45 (6621)
- 47 wellbeing.ti,ab. (1606)
- 48 "well-being".ti,ab. (8596)
- 49 l31.cc. (12176)
- 50 stress.ti,ab. (5923)
- 51 burnout.ti,ab. (186)
- 52 fatigue*.ti,ab. (287)
- 53 tired*.ti,ab. (81)
- 54 (depression or depressed).ti,ab. (5109)
- 55 anxiety.ti,ab. (720)
- 56 insomnia.ti,ab. (18)
- 57 sleep.ti,ab. (236)

- 58 productivity.ti,ab. (46051)
- 59 (confidence not "confidence interval").ti,ab. (5412)
- 60 "self esteem".ti,ab. (468)
- 61 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti,ab. (134)
- 62 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti,ab. (3499)
- 63 or/47-62 (81613)
- 64 (employee* or employment or employed).ti,jx. (24658)
- 65 (work or worker* or workload*).ti,jx. (22403)
- 66 (workplace* or worksite*).ti,jx. (1773)
- 67 occupational.ti,jx. (2463)
- 68 (job or jobs).ti,jx. (9767)
- 69 (organi?ations or organi?ational or company or companies or corporation*).ti,jx. (25480)
- 70 personnel.ti,jx. (724)
- 71 profession*.ti,jx. (3828)
- 72 (staff or staffing).ti,jx. (2023)
- 73 (colleague* or coworker*).ti,jx. (107)
- 74 or/64-73 (86833)
- 75 63 and 74 (5805)
- 76 5 or 17 or 46 or 75 (13304)
- 77 limit 76 to (yr="2007 -Current" and english) (8035)
- 78 uk.ct. (62638)
- 79 (national health service* or nhs*).ti,ab,in. (907)
- 80 (english not ((published or publication* or translat* or written or language* or speak* or literature or citation*) adj5 english)).ti,ab. (102371)
- 81 (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*).ti,ab,jx,in. (57829)
- 82 (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 (worcester not (massachusetts* or boston* or harvard*)) or ("worcester'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*))))).ti,ab,in. (100569)
- 83 (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").ti,ab,in. (3810)
- 84 (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").ti,ab,in. (7972)
- 85 (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").ti,ab,in. (1320)
- 86 or/78-85 (266535)
- 87 77 and 86 (995)
- 88 intervention*.ti,ab. (21167)
- 89 training.ti,ab. (12282)
- 90 program*.ti,ab. (63714)
- 91 (policy or policies).ti,ab. (258596)
- 92 (strategy or strategies).ti,ab. (79838)

- 93 or/88-92 (376290)
- 94 implement*.ti,ab. (58526)
- 95 deliver*.ti,ab. (14485)
- 96 accept*.ti,ab. (16739)
- 97 (change* adj3 behav*).ti,ab. (2987)
- 98 barrier*.ti,ab. (13753)
- 99 facilitat*.ti,ab. (16568)
- 100 obstacle*.ti,ab. (5056)
- 101 determinant*.ti,ab. (45317)
- 102 obstruct*.ti,ab. (505)
- 103 adopt*.ti,ab. (42297)
- 104 support*.ti,ab. (87247)
- 105 help*.ti,ab. (44048)
- 106 hinder*.ti,ab. (3383)
- 107 deter*.ti,ab. (127632)
- 108 imped*.ti,ab. (4243)
- 109 (cooperat* or "co-operat*").ti,ab. (31004)
- 110 oppos*.ti,ab. (16943)
- 111 D9*.cc. (4547)
- 112 or/94-111 (386584)
- 113 87 and 93 and 112 (143)

11.3.2 Rerun searches

- 1 "job satisfaction".ti,ab. (1745)
- 2 (satisf* adj3 (work* or job*)).ti,ab. (2226)
- 3 (engage* adj3 (work* or job*)).ti,ab. (640)
- 4 ((motivation or motivated) adj3 (work* or job*)).ti,ab. (658)
- 5 or/1-4 (3407)
- 6 absenteeism.ti,ab. (585)
- 7 presenteeism.ti,ab. (43)
- 8 (work adj3 performance).ti,ab. (557)
- 9 (job adj3 performance).ti,ab. (536)
- 10 or/6-9 (1643)
- 11 wellbeing.ti,ab. (1787)
- 12 "well-being".ti,ab. (9190)
- 13 l31.cc. (12919)
- 14 mental*.ti,ab. (4320)
- 15 psych*.ti,ab. (11477)
- 16 or/11-15 (32359)
- 17 10 and 16 (151)
- 18 wellbeing.ti. (514)
- 19 "well-being".ti. (3005)
- 20 stress.ti. (1603)
- 21 burnout.ti. (137)
- 22 fatigue*.ti. (92)
- 23 tired*.ti. (15)
- 24 (depression or depressed).ti. (1826)
- 25 anxiety.ti. (163)
- 26 insomnia.ti. (10)
- 27 sleep.ti. (99)
- 28 productivity.ti. (17050)
- 29 (confidence not "confidence interval*").ti. (1110)
- 30 "self esteem".ti. (108)
- 31 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti. (14)
- 32 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti. (1224)
- 33 or/18-32 (26771)
- 34 (employee* or employment or employed).ti,ab,jx. (92836)
- 35 (work or worker* or workload*).ti,ab,jx. (114610)
- 36 (workplace* or worksite*).ti,ab,jx. (5652)
- 37 occupational.ti,ab,jx. (6781)

- 38 (job or jobs).ti,ab,jx. (33865)
- 39 (organisations or organisational or company or companies or corporation*).ti,ab,jx. (97588)
- 40 personnel.ti,ab,jx. (3273)
- 41 profession*.ti,jx. (4011)
- 42 (staff or staffing).ti,ab,jx. (6303)
- 43 (colleague* or coworker*).ti,ab,jx. (1364)
- 44 (D22 or J3* or J4* or J5* or J6* or J7* or J8*).cc. (112444)
- 45 or/34-44 (334403)
- 46 33 and 45 (7058)
- 47 wellbeing.ti,ab. (1787)
- 48 "well-being".ti,ab. (9190)
- 49 l31.cc. (12919)
- 50 stress.ti,ab. (6403)
- 51 burnout.ti,ab. (211)
- 52 fatigue*.ti,ab. (315)
- 53 tired*.ti,ab. (84)
- 54 (depression or depressed).ti,ab. (5333)
- 55 anxiety.ti,ab. (787)
- 56 insomnia.ti,ab. (19)
- 57 sleep.ti,ab. (263)
- 58 productivity.ti,ab. (48388)
- 59 (confidence not "confidence interval").ti,ab. (5803)
- 60 "self esteem".ti,ab. (505)
- 61 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti,ab. (152)
- 62 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti,ab. (3714)
- 63 or/47-62 (86297)
- 64 (employee* or employment or employed).ti,jx. (25613)
- 65 (work or worker* or workload*).ti,jx. (23391)
- 66 (workplace* or worksite*).ti,jx. (1900)
- 67 occupational.ti,jx. (2560)
- 68 (job or jobs).ti,jx. (10265)
- 69 (organisations or organisational or company or companies or corporation*).ti,jx. (26743)
- 70 personnel.ti,jx. (744)
- 71 profession*.ti,jx. (4011)
- 72 (staff or staffing).ti,jx. (2051)
- 73 (colleague* or coworker*).ti,jx. (117)
- 74 or/64-73 (90584)
- 75 63 and 74 (6210)
- 76 5 or 17 or 46 or 75 (14265)
- 77 limit 76 to (yr="2007 -Current" and english) (8919)
- 78 uk.ct. (64238)
- 79 (national health service* or nhs*).ti,ab,in. (941)
- 80 (english not ((published or publication* or translat* or written or language* or speak* or literature or citation*) adj5 english)).ti,ab. (105778)
- 81 (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*).ti,ab,jx,in. (59849)
- 82 (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 (worcester not (massachusetts* or boston* or harvard*)) or ("worcester'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*))))).ti,ab,in. (105742)

83 (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").ti,ab,in. (4032)

84 (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").ti,ab,in. (8380)

85 (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").ti,ab,in. (1381)

86 or/78-85 (276763)

87 77 and 86 (1100)

88 intervention*.ti,ab. (22863)

89 training.ti,ab. (12959)

90 program*.ti,ab. (67208)

91 (policy or policies).ti,ab. (271941)

92 (strategy or strategies).ti,ab. (84883)

93 or/88-92 (396525)

94 implement*.ti,ab. (62943)

95 deliver*.ti,ab. (15564)

96 accept*.ti,ab. (17789)

97 (change* adj3 behav*).ti,ab. (3204)

98 barrier*.ti,ab. (14632)

99 facilitat*.ti,ab. (17956)

100 obstacle*.ti,ab. (5325)

101 determinant*.ti,ab. (47719)

102 obstruct*.ti,ab. (537)

103 adopt*.ti,ab. (45666)

104 support*.ti,ab. (93071)

105 help*.ti,ab. (47446)

106 hinder*.ti,ab. (3689)

107 deter*.ti,ab. (134726)

108 imped*.ti,ab. (4520)

109 (cooperat* or "co-operat*").ti,ab. (32449)

110 oppos*.ti,ab. (18047)

111 D9*.cc. (5375)

112 or/94-111 (411087)

113 87 and 93 and 112 (165)

114 ("20200109" or "2020011*" or "2020012*" or "2020013" or 202002* or 202003* or 202004* or 202005* or 202006* or 202007* or 202008* or 202009* or 20201* or 2021*).up. (61163)

115 113 and 114 (22)

11.4 Embase

11.4.1 Original searches

- 1 exp job stress/ (9136)
- 2 professional burnout/ (486)
- 3 job satisfaction/ (29740)
- 4 "job satisfaction".ti,ab. (9685)
- 5 (satisf* adj3 (work* or job*)).ti,ab. (14486)
- 6 quality of working life/ (507)
- 7 work-life balance/ (1139)
- 8 work engagement/ (907)
- 9 (engage* adj3 (work* or job*)).ti,ab. (5421)
- 10 ((motivation or motivated) adj3 (work* or job*)).ti,ab. (2858)
- 11 or/1-10 (51445)
- 12 absenteeism/ (16917)
- 13 absenteeism.ti,ab. (7913)
- 14 presenteeism/ (1160)
- 15 presenteeism.ti,ab. (2056)
- 16 job performance/ (16802)
- 17 (work adj3 performance).ti,ab. (6084)
- 18 (job adj3 performance).ti,ab. (2139)
- 19 or/12-18 (40967)
- 20 psychological well-being/ (17090)
- 21 wellbeing.ti,ab. (23409)
- 22 "well-being".ti,ab. (90265)
- 23 exp mental health/ (149635)
- 24 mental*.ti,ab. (436149)
- 25 psychological resilience/ (2951)
- 26 coping behavior/ (56541)
- 27 psych*.ti,ab. (1053453)
- 28 or/20-27 (1446037)
- 29 19 and 28 (8725)
- 30 *psychological well-being/ (3752)
- 31 wellbeing.ti. (3503)
- 32 "well-being".ti. (14067)
- 33 *stress/ (52872)
- 34 *acute stress/ (1970)
- 35 *chronic stress/ (3623)
- 36 *behavioural stress/ (238)
- 37 *critical incident stress/ (29)
- 38 *emotional stress/ (3473)
- 39 *interpersonal stress/ (119)
- 40 *life stress/ (995)
- 41 *mental stress/ (32137)
- 42 *stress management/ (1004)
- 43 stress.ti. (267977)
- 44 *burnout/ (9080)
- 45 burnout.ti. (7268)
- 46 *fatigue/ or *exhaustion/ or *lassitude/ (22144)
- 47 fatigue*.ti. (31300)
- 48 tired*.ti. (691)
- 49 exp *depression/ (203789)
- 50 (depression or depressed).ti. (136290)
- 51 *anxiety/ (50442)
- 52 *anticipatory anxiety/ (107)
- 53 exp *anxiety disorder/ (102929)
- 54 anxiety.ti. (60330)
- 55 *insomnia/ (15591)
- 56 *primary insomnia/ (360)
- 57 *sleep/ or *daytime somnolence/ or *drowsiness/ or *sleep debt/ or *sleep pattern/ or *sleep quality/ or *sleep time/ (64498)

- 58 *sleep deprivation/ (6553)
- 59 insomnia.ti. (10934)
- 60 sleep.ti. (124695)
- 61 *productivity/ (7071)
- 62 *organizational efficiency/ (90)
- 63 productivity.ti. (11040)
- 64 (confidence not "confidence interval").ti. (6620)
- 65 *self concept/ or *self actualization/ or *self esteem/ (30988)
- 66 "self esteem".ti. (4703)
- 67 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti. (3241)
- 68 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti. (100776)
- 69 **"quality of life"/ (101503)
- 70 *quality adjusted life year/ (1512)
- 71 or/30-70 (998980)
- 72 exp employment/ (89995)
- 73 "employment of women"/ (186)
- 74 employment discrimination/ (472)
- 75 affirmative action/ (87)
- 76 (employee* or employment or employed).ti,ab,jw. (515172)
- 77 work/ (31460)
- 78 workplace/ (40507)
- 79 job accommodation/ (286)
- 80 job analysis/ (2361)
- 81 job experience/ (2681)
- 82 job security/ (759)
- 83 exp personnel management/ (89443)
- 84 exp shift work/ (1919)
- 85 work capacity/ (12405)
- 86 telecommuting/ (53)
- 87 trade union/ (8290)
- 88 exp work environment/ (28075)
- 89 work experience/ (8883)
- 90 work schedule/ (8942)
- 91 working time/ (8964)
- 92 workload/ (42914)
- 93 (work or worker* or workload*).ti,ab,jw. (1388527)
- 94 (workplace* or worksite*).ti,ab,jw. (52399)
- 95 occupational.ti,ab,jw. (197221)
- 96 (job or jobs).ti,ab,jw. (74017)
- 97 (organi?ations or organi?ational or company or companies or corporation*).ti,ab,jw. (263842)
- 98 personnel.ti,ab,jw. (88244)
- 99 exp named groups by occupation/ not exp student/ (1738668)
- 100 profession*.ti,jw. (96276)
- 101 exp occupation/ (318934)
- 102 (staff or staffing).ti,ab,jw. (222871)
- 103 (colleague* or coworker*).ti,ab,jw. (51278)
- 104 exp occupational disease/ (126787)
- 105 exp occupational health/ (223414)
- 106 occupational health service/ (9772)
- 107 exp occupational disease/ (126787)
- 108 organizational culture/ (1344)
- 109 or/72-108 (4013930)
- 110 71 and 109 (174482)
- 111 psychological well-being/ (17090)
- 112 wellbeing.ti,ab. (23409)
- 113 "well-being".ti,ab. (90265)
- 114 stress/ (145049)
- 115 acute stress/ (5139)
- 116 chronic stress/ (9351)
- 117 behavioural stress/ (785)
- 118 critical incident stress/ (84)

- 119 emotional stress/ (20449)
- 120 interpersonal stress/ (571)
- 121 life stress/ (3626)
- 122 mental stress/ (79616)
- 123 stress management/ (4949)
- 124 stress.ti,ab. (896326)
- 125 burnout/ (16848)
- 126 burnout.ti,ab. (13486)
- 127 fatigue/ or exhaustion/ or lassitude/ (201562)
- 128 fatigue*.ti,ab. (146742)
- 129 tired*.ti,ab. (9410)
- 130 exp depression/ (458421)
- 131 (depression or depressed).ti,ab. (509881)
- 132 anxiety/ (196401)
- 133 anticipatory anxiety/ (579)
- 134 exp anxiety disorder/ (232598)
- 135 anxiety.ti,ab. (260059)
- 136 insomnia/ (65058)
- 137 primary insomnia/ (660)
- 138 sleep/ or daytime somnolence/ or drowsiness/ or sleep debt/ or sleep pattern/ or sleep quality/
or sleep time/ (160053)
- 139 sleep deprivation/ (15570)
- 140 insomnia.ti,ab. (34551)
- 141 sleep.ti,ab. (239669)
- 142 productivity/ (38472)
- 143 organizational efficiency/ (1161)
- 144 productivity.ti,ab. (67714)
- 145 (confidence not "confidence interval").ti,ab. (98214)
- 146 self concept/ or self actualization/ or self esteem/ (106026)
- 147 "self esteem".ti,ab. (25605)
- 148 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or
competen* or uptake or "take-up")).ti,ab. (16672)
- 149 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti,ab. (424492)
- 150 "quality of life"/ (452096)
- 151 quality adjusted life year/ (25664)
- 152 or/111-151 (2942131)
- 153 exp *employment/ (25280)
- 154 **"employment of women"/ (52)
- 155 *employment discrimination/ (128)
- 156 *affirmative action/ (20)
- 157 (employee* or employment or employed).ti,jw. (27977)
- 158 *work/ (10843)
- 159 *workplace/ (10498)
- 160 *job accommodation/ (57)
- 161 *job analysis/ (686)
- 162 *job experience/ (247)
- 163 *job security/ (86)
- 164 exp *personnel management/ (44289)
- 165 exp *shift work/ (667)
- 166 *work capacity/ (4744)
- 167 *telecommuting/ (19)
- 168 *trade union/ (5513)
- 169 exp *work environment/ (8858)
- 170 *work experience/ (933)
- 171 *work schedule/ (3082)
- 172 *working time/ (1733)
- 173 *workload/ (10517)
- 174 (work or worker* or workload*).ti,jw. (161059)
- 175 (workplace* or worksite*).ti,jw. (15816)
- 176 occupational.ti,jw. (117170)
- 177 (job or jobs).ti,jw. (16233)
- 178 (organi?ations or organi?ational or company or companies or corporation*).ti,jw. (33552)

- 179 personnel.ti,jw. (15575)
 180 exp *named groups by occupation/ not exp *student/ (579564)
 181 profession*.ti,jw. (96276)
 182 exp *occupation/ (87472)
 183 (staff or staffing).ti,jw. (31340)
 184 (colleague* or coworker*).ti,jw. (3183)
 185 exp *occupational disease/ (85568)
 186 exp *occupational health/ (100883)
 187 *occupational health service/ (5871)
 188 exp *occupational disease/ (85568)
 189 *organizational culture/ (492)
 190 or/153-189 (1082338)
 191 152 and 190 (144813)
 192 11 or 29 or 110 or 191 (300398)
 193 limit 192 to english language (277163)
 194 limit 193 to (conference abstract or conference paper or "conference review" or editorial or letter or note) (82957)
 195 193 not 194 (194206)
 196 nonhuman/ not (human/ and nonhuman/) (4551012)
 197 195 not 196 (187620)
 198 limit 197 to yr="2007 -Current" (120102)
 199 exp United Kingdom/ (416127)
 200 (national health service* or nhs*).ti,ab,in,ad. (336298)
 201 (english not ((published or publication* or translat* or written or language* or speak* or literature or citation*) adj5 english)).ti,ab. (41373)
 202 (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*).ti,ab,jx,in,ad. (3102256)
 203 (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 (Worcester not (massachusetts* or boston* or harvard*)) or ("Worcester'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*))))).ti,ab,in,ad. (2380835)
 204 (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").ti,ab,in,ad. (97076)
 205 (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").ti,ab,in,ad. (328874)
 206 (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").ti,ab,in,ad. (44023)
 207 or/199-206 (3782842)
 208 (exp "arctic and antarctic"/ or exp oceanic regions/ or exp western hemisphere/ or exp africa/ or exp asia/) not (exp united kingdom/ or europe/) (2828993)
 209 207 not 208 (3593432)
 210 198 and 209 (17935)
 211 intervention*.ti,ab. (1323084)
 212 intervention study/ (43613)

- 213 training.ti,ab. (515935)
- 214 staff training/ (13646)
- 215 in service training/ (15363)
- 216 program*.ti,ab. (1105628)
- 217 exp program evaluation/ (23108)
- 218 (policy or policies).ti,ab. (288863)
- 219 organizational policy/ or policy/ (89985)
- 220 (strategy or strategies).ti,ab. (1307918)
- 221 exp evaluation study/ (65629)
- 222 or/211-221 (3892005)
- 223 implement*.ti,ab. (617131)
- 224 implementation science/ (805)
- 225 deliver*.ti,ab. (850907)
- 226 accept*.ti,ab. (585407)
- 227 program evaluation/ or program acceptability/ or program appropriateness/ or program sustainability/ (17225)
- 228 (change* adj3 behav*).ti,ab. (73474)
- 229 behavior change/ (34160)
- 230 barrier*.ti,ab. (349025)
- 231 facilitat*.ti,ab. (627966)
- 232 obstacle*.ti,ab. (57094)
- 233 determinant*.ti,ab. (276088)
- 234 obstruct*.ti,ab. (376810)
- 235 adopt*.ti,ab. (298436)
- 236 support*.ti,ab. (1906925)
- 237 help*.ti,ab. (1055254)
- 238 hinder*.ti,ab. (63886)
- 239 deter*.ti,ab. (4566982)
- 240 imped*.ti,ab. (108810)
- 241 (cooperat* or "co-operat*").ti,ab. (173348)
- 242 cooperation/ (42563)
- 243 oppos*.ti,ab. (248094)
- 244 or/223-243 (9629274)
- 245 210 and 222 and 244 (5371)

11.4.2 Rerun searches

- 1 exp job stress/ (10677)
- 2 professional burnout/ (1087)
- 3 job satisfaction/ (25634)
- 4 "job satisfaction".ti,ab. (9140)
- 5 (satisf* adj3 (work* or job*)).ti,ab. (13666)
- 6 quality of working life/ (535)
- 7 work-life balance/ (1595)
- 8 work engagement/ (1402)
- 9 (engage* adj3 (work* or job*)).ti,ab. (5249)
- 10 ((motivation or motivated) adj3 (work* or job*)).ti,ab. (2867)
- 11 or/1-10 (49045)
- 12 absenteeism/ (14540)
- 13 absenteeism.ti,ab. (7428)
- 14 presenteeism/ (1486)
- 15 presenteeism.ti,ab. (2351)
- 16 job performance/ (15016)
- 17 (work adj3 performance).ti,ab. (5850)
- 18 (job adj3 performance).ti,ab. (1936)
- 19 or/12-18 (36329)
- 20 psychological well-being/ (20539)
- 21 wellbeing.ti,ab. (26883)
- 22 "well-being".ti,ab. (94523)
- 23 exp mental health/ (157318)
- 24 mental*.ti,ab. (413340)
- 25 psychological resilience/ (4559)

- 26 coping behavior/ (57505)
- 27 psych*.ti,ab. (933586)
- 28 or/20-27 (1310831)
- 29 19 and 28 (8495)
- 30 *psychological well-being/ (4696)
- 31 wellbeing.ti. (4022)
- 32 "well-being".ti. (14795)
- 33 *stress/ (33521)
- 34 *acute stress/ (2242)
- 35 *chronic stress/ (4049)
- 36 *behavioural stress/ (254)
- 37 *critical incident stress/ (38)
- 38 *emotional stress/ (3173)
- 39 *interpersonal stress/ (126)
- 40 *life stress/ (1078)
- 41 *mental stress/ (25134)
- 42 *stress management/ (1188)
- 43 stress.ti. (257042)
- 44 *burnout/ or exp *maslach burnout inventory/ (9058)
- 45 burnout.ti. (7898)
- 46 *fatigue/ or *exhaustion/ or *lassitude/ (18076)
- 47 fatigue*.ti. (29867)
- 48 tired*.ti. (612)
- 49 exp *depression/ (170427)
- 50 (depression or depressed).ti. (122325)
- 51 *anxiety/ (35489)
- 52 *anticipatory anxiety/ (115)
- 53 exp *anxiety disorder/ (95047)
- 54 anxiety.ti. (58183)
- 55 *insomnia/ (12451)
- 56 *primary insomnia/ (389)
- 57 *sleep/ or *daytime somnolence/ or *drowsiness/ or *sleep debt/ or *sleep pattern/ or *sleep quality/ or *sleep time/ (54430)
- 58 *sleep deprivation/ (5580)
- 59 insomnia.ti. (10983)
- 60 sleep.ti. (119369)
- 61 *productivity/ (5671)
- 62 *organizational efficiency/ (96)
- 63 productivity.ti. (9797)
- 64 (confidence not "confidence interval").ti. (6748)
- 65 *self concept/ or *self actualization/ or *self esteem/ (27306)
- 66 "self esteem".ti. (4185)
- 67 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti. (3071)
- 68 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti. (106281)
- 69 **quality of life"/ (106416)
- 70 *quality adjusted life year/ (1680)
- 71 or/30-70 (908321)
- 72 exp employment/ (82577)
- 73 "employment of women"/ (202)
- 74 employment discrimination/ (493)
- 75 affirmative action/ (103)
- 76 (employee* or employment or employed).ti,ab,jw. (473780)
- 77 work/ (25166)
- 78 workplace/ (42391)
- 79 job accommodation/ (300)
- 80 job analysis/ (1908)
- 81 job experience/ (2978)
- 82 job security/ (836)
- 83 exp personnel management/ (67986)
- 84 exp shift work/ (2877)
- 85 work capacity/ (8933)

- 86 telecommuting/ (232)
- 87 trade union/ (4046)
- 88 exp work environment/ (24986)
- 89 work experience/ (9799)
- 90 work schedule/ (8029)
- 91 working time/ (9054)
- 92 workload/ (39897)
- 93 (work or worker* or workload*).ti,ab,jw. (1340720)
- 94 (workplace* or worksite*).ti,ab,jw. (50493)
- 95 occupational.ti,ab,jw. (157196)
- 96 (job or jobs).ti,ab,jw. (66721)
- 97 (organisations or organizational or company or companies or corporation*).ti,ab,jw. (253637)
- 98 personnel.ti,ab,jw. (71694)
- 99 exp named groups by occupation/ not exp student/ (1667671)
- 100 profession*.ti,jw. (73303)
- 101 exp occupation/ (294703)
- 102 (staff or staffing).ti,ab,jw. (207008)
- 103 (colleague* or coworker*).ti,ab,jw. (49814)
- 104 exp occupational disease/ (86289)
- 105 exp occupational health/ (184146)
- 106 occupational health service/ (5922)
- 107 exp occupational disease/ (86289)
- 108 organizational culture/ (1987)
- 109 or/72-108 (3741849)
- 110 71 and 109 (170484)
- 111 psychological well-being/ (20539)
- 112 wellbeing.ti,ab. (26883)
- 113 "well-being".ti,ab. (94523)
- 114 stress/ (127577)
- 115 acute stress/ (5674)
- 116 chronic stress/ (10312)
- 117 behavioural stress/ (844)
- 118 critical incident stress/ (96)
- 119 emotional stress/ (21085)
- 120 interpersonal stress/ (607)
- 121 life stress/ (3917)
- 122 mental stress/ (70291)
- 123 stress management/ (5522)
- 124 stress.ti,ab. (887624)
- 125 burnout/ or exp maslach burnout inventory/ (17903)
- 126 burnout.ti,ab. (15127)
- 127 fatigue/ or exhaustion/ or lassitude/ (209238)
- 128 fatigue*.ti,ab. (148003)
- 129 tired*.ti,ab. (8956)
- 130 exp depression/ (436856)
- 131 (depression or depressed).ti,ab. (452477)
- 132 anxiety/ (190313)
- 133 anticipatory anxiety/ (610)
- 134 exp anxiety disorder/ (234215)
- 135 anxiety.ti,ab. (261265)
- 136 insomnia/ (63012)
- 137 primary insomnia/ (695)
- 138 sleep/ or daytime somnolence/ or drowsiness/ or sleep debt/ or sleep pattern/ or sleep quality/ or sleep time/ (153498)
- 139 sleep deprivation/ (14889)
- 140 insomnia.ti,ab. (34820)
- 141 sleep.ti,ab. (232652)
- 142 productivity/ (35696)
- 143 organizational efficiency/ (1166)
- 144 productivity.ti,ab. (67557)
- 145 (confidence not "confidence interval").ti,ab. (97500)
- 146 self concept/ or self actualization/ or self esteem/ (101198)

- 147 "self esteem".ti,ab. (23896)
- 148 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti,ab. (16823)
- 149 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti,ab. (456785)
- 150 "quality of life"/ (479911)
- 151 quality adjusted life year/ (28096)
- 152 or/111-151 (2832386)
- 153 exp *employment/ (16176)
- 154 **"employment of women"/ (57)
- 155 *employment discrimination/ (136)
- 156 *affirmative action/ (22)
- 157 (employee* or employment or employed).ti,jw. (19699)
- 158 *work/ (6858)
- 159 *workplace/ (10677)
- 160 *job accommodation/ (62)
- 161 *job analysis/ (344)
- 162 *job experience/ (294)
- 163 *job security/ (94)
- 164 exp *personnel management/ (28562)
- 165 exp *shift work/ (997)
- 166 *work capacity/ (2349)
- 167 *telecommuting/ (54)
- 168 *trade union/ (2267)
- 169 exp *work environment/ (5378)
- 170 *work experience/ (997)
- 171 *work schedule/ (2425)
- 172 *working time/ (1483)
- 173 *workload/ (7050)
- 174 (work or worker* or workload*).ti,jw. (125304)
- 175 (workplace* or worksite*).ti,jw. (14250)
- 176 occupational.ti,jw. (85669)
- 177 (job or jobs).ti,jw. (13049)
- 178 (organi?ations or organi?ational or company or companies or corporation*).ti,jw. (26175)
- 179 personnel.ti,jw. (8511)
- 180 exp *named groups by occupation/ not exp *student/ (470310)
- 181 profession*.ti,jw. (73303)
- 182 exp *occupation/ (61916)
- 183 (staff or staffing).ti,jw. (22963)
- 184 (colleague* or coworker*).ti,jw. (2846)
- 185 exp *occupational disease/ (50694)
- 186 exp *occupational health/ (70761)
- 187 *occupational health service/ (2805)
- 188 exp *occupational disease/ (50694)
- 189 *organizational culture/ (780)
- 190 or/153-189 (831924)
- 191 152 and 190 (136256)
- 192 11 or 29 or 110 or 191 (290892)
- 193 limit 192 to english language (274410)
- 194 limit 193 to (conference abstract or conference paper or "conference review" or editorial or letter or note) (87484)
- 195 193 not 194 (186926)
- 196 nonhuman/ not (human/ and nonhuman/) (3526019)
- 197 195 not 196 (180345)
- 198 limit 197 to yr="2007 -Current" (140092)
- 199 exp United Kingdom/ (343162)
- 200 (national health service* or nhs*).ti,ab,in,ad. (364325)
- 201 (english not ((published or publication* or translat* or written or language* or speak* or literature or citation*) adj5 english)).ti,ab. (42701)
- 202 (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*).ti,ab,jx,in,ad. (2629866)

- 203 (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 (worcester not (massachusetts* or boston* or harvard*)) or ("worcester'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*))))).ti,ab,in,ad. (2097616)
- 204 (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").ti,ab,in,ad. (87623)
- 205 (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").ti,ab,in,ad. (284771)
- 206 (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").ti,ab,in,ad. (39336)
- 207 or/199-206 (3225938)
- 208 (exp "arctic and antarctic"/ or exp oceanic regions/ or exp western hemisphere/ or exp africa/ or exp asia/) not (exp united kingdom/ or europe/) (2516875)
- 209 207 not 208 (3030462)
- 210 198 and 209 (20440)
- 211 intervention*.ti,ab. (1387042)
- 212 intervention study/ (48538)
- 213 training.ti,ab. (504302)
- 214 staff training/ (13332)
- 215 in service training/ (10561)
- 216 program*.ti,ab. (1037533)
- 217 exp program evaluation/ (26189)
- 218 (policy or policies).ti,ab. (284724)
- 219 organizational policy/ or policy/ (72488)
- 220 (strategy or strategies).ti,ab. (1388040)
- 221 exp evaluation study/ (73128)
- 222 or/211-221 (3906467)
- 223 implement*.ti,ab. (661219)
- 224 implementation science/ (1638)
- 225 deliver*.ti,ab. (837185)
- 226 accept*.ti,ab. (549958)
- 227 program evaluation/ or program acceptability/ or program appropriateness/ or program sustainability/ (19698)
- 228 (change* adj3 behav*).ti,ab. (71262)
- 229 behavior change/ (38241)
- 230 barrier*.ti,ab. (357352)
- 231 facilitat*.ti,ab. (622335)
- 232 obstacle*.ti,ab. (57846)
- 233 determinant*.ti,ab. (247232)
- 234 obstruct*.ti,ab. (335185)
- 235 adopt*.ti,ab. (303960)
- 236 support*.ti,ab. (1844398)
- 237 help*.ti,ab. (1047394)
- 238 hinder*.ti,ab. (67668)
- 239 deter*.ti,ab. (4083915)

240 imped*.ti,ab. (106070)
241 (cooperat* or "co-operat*").ti,ab. (150207)
242 cooperation/ (41894)
243 oppos*.ti,ab. (221803)
244 or/223-243 (8946509)
245 210 and 222 and 244 (6260)
246 ("20200124" or "20200125" or "20200126" or "20200127" or "20200128" or "20200129" or
2020013* or 202002* or 202003* or 202004* or 202005* or 202006* or 202007* or 202008* or
202009* or 20201* or 2021*).dc. (2261178)
247 245 and 246 (1157)

Epistemonikos

Note

The Epistemonikos website doesn't make it easy to report searches line-by-line and crashed if the entire Medline equivalent search was run as a single block. The search was therefore run in 4 separate clusters. Cluster 1 is equivalent to lines 1-9 in the original Medline strategy (with additional "barriers and facilitators" terms); cluster 2 is equivalent to lines 10-26; cluster 3 is equivalent to lines 27-72 and cluster 4 is equivalent to lines 73-118.

11.4.3 Original searches

Cluster 1

(title:(wellbeing OR "well-being" OR stress OR burnout OR fatigue* OR tired* OR depression OR depressed OR anxiety OR insomnia OR sleep OR productivity OR "self esteem" OR (confidence NOT "confidence interval*")) OR (mental AND (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")) OR "quality of life" OR "quality adjusted life" OR qaly* OR qald* OR qale* OR qtime*) OR abstract:(wellbeing OR "well-being" OR stress OR burnout OR fatigue* OR tired* OR depression OR depressed OR anxiety OR insomnia OR sleep OR productivity OR "self esteem" OR (confidence NOT "confidence interval*")) OR "quality of life" OR "quality adjusted life" OR qaly* OR qald* OR qale* OR qtime*)) AND (title:(employee* OR employment OR employed OR work OR worker* OR workload* OR workplace* OR worksite* OR occupational OR job OR jobs OR organisations OR organizations OR organisational OR organizational OR company OR companies OR corporation* OR personnel OR profession* OR staff OR staffing OR colleague* OR coworker*)) AND (title:(implement* OR deliver* OR accept* OR (change* AND behav*) OR barrier* OR facilitat* OR obstacle* OR determinant* OR obstruct* OR adopt* OR support* OR help* OR hinder* OR deter* OR imped* OR cooperat* OR "co-operation" OR "co-operate" OR "co-operates" OR "co-operated" OR "co-operative" OR "co-operating" OR "co-operator" OR "co-operators" OR oppos*) OR abstract:(implement* OR deliver* OR accept* OR (change* AND behav*) OR barrier* OR facilitat* OR obstacle* OR determinant* OR obstruct* OR adopt* OR support* OR help* OR hinder* OR deter* OR imped* OR cooperat* OR "co-operation" OR "co-operate" OR "co-operates" OR "co-operated" OR "co-operative" OR "co-operating" OR "co-operator" OR "co-operators" OR oppos*))

Cluster 2

(title:(wellbeing OR "well-being" OR stress OR burnout OR fatigue* OR tired* OR depression OR depressed OR anxiety OR insomnia OR sleep OR productivity OR "self esteem" OR (confidence NOT "confidence interval*")) OR (mental AND (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")) OR "quality of life" OR "quality adjusted life" OR qaly* OR qald* OR qale* OR qtime*)) AND ((title:(employee* OR employment OR employed OR work OR worker* OR workload* OR workplace* OR worksite* OR occupational OR job OR jobs

OR organisations OR organizations OR organisational OR organizational OR company OR companies OR corporation* OR personnel OR profession* OR staff OR staffing OR colleague* OR coworker*) OR abstract:(employee* OR employment OR employed OR work OR worker* OR workload* OR workplace* OR worksite* OR occupational OR job OR jobs OR organisations OR organizations OR organisational OR organizational OR company OR companies OR corporation* OR personnel OR staff OR staffing OR colleague* OR coworker*)) AND (title:(implement* OR deliver* OR accept* OR (change* AND behav*) OR barrier* OR facilitat* OR obstacle* OR determinant* OR obstruct* OR adopt* OR support* OR help* OR hinder* OR deter* OR imped* OR cooperat* OR "co-operation" OR "co-operate" OR "co-operates" OR "co-operated" OR "co-operative" OR "co-operating" OR "co-operator" OR "co-operators" OR oppos*) OR abstract:(implement* OR deliver* OR accept* OR (change* AND behav*) OR barrier* OR facilitat* OR obstacle* OR determinant* OR obstruct* OR adopt* OR support* OR help* OR hinder* OR deter* OR imped* OR cooperat* OR "co-operation" OR "co-operate" OR "co-operates" OR "co-operated" OR "co-operative" OR "co-operating" OR "co-operator" OR "co-operators" OR oppos*))

Cluster 3

(title:(wellbeing OR "well-being" OR mental* OR psych*) OR abstract:(wellbeing OR "well-being" OR mental* OR psych*)) AND (title:(absenteeism OR presenteeism OR "performance at work*" OR "performance in work*" OR "performance at their work*" OR "performance in their work*" OR "performance in the work*" OR "Work* performance" OR "performance* of work*") OR abstract:(absenteeism OR presenteeism OR "performance at work*" OR "performance in work*" OR "performance at their work*" OR "performance in their work*" OR "performance in the work*" OR "Work* performance" OR "performance* of work*")) AND (title:(implement* OR deliver* OR accept* OR (change* AND behav*) OR barrier* OR facilitat* OR obstacle* OR determinant* OR obstruct* OR adopt* OR support* OR help* OR hinder* OR deter* OR imped* OR cooperat* OR "co-operation" OR "co-operate" OR "co-operates" OR "co-operated" OR "co-operative" OR "co-operating" OR "co-operator" OR "co-operators" OR oppos*) OR abstract:(implement* OR deliver* OR accept* OR (change* AND behav*) OR barrier* OR facilitat* OR obstacle* OR determinant* OR obstruct* OR adopt* OR support* OR help* OR hinder* OR deter* OR imped* OR cooperat* OR "co-operation" OR "co-operate" OR "co-operates" OR "co-operated" OR "co-operative" OR "co-operating" OR "co-operator" OR "co-operators" OR oppos*))

Cluster 4

(title:("Satisfaction at work*" OR "Satisfied at work*" OR "Satisfied in work*" OR "Satisfied in the work*" OR "Satisfaction at their work*" OR "Satisfied in their work*" OR "Satisfied with their work*" OR "Satisfaction in their work" OR "Work* satisfaction" OR "Satisfied with their job*" OR "Satisfaction in their job*" OR "Satisfaction with their job*" OR "Job satisfaction" OR "Satisfied in their job*" OR "Satisfied with their job*" OR "Satisf* of work*" OR "Engage* at work*" OR "Engage* at their work*" OR "Engage* in their work*" OR "Engage* in the work*" OR "Engage* with their work*" OR "Work engagement" OR "Engage* at their job*" OR "Engage* in their job*" OR "Engage* with their job*" OR

"Engage* of work*" OR "job engagement" OR "performance at work*" OR "motivat* in work*" OR "motivat* at their work*" OR "motivat* in their work" OR "motivat* in the work" OR "Work* motivation*" OR "Motivation* of work*" OR "Work* motivation*" OR "Motivation* of work*" OR "motivat* at their job*" OR "motivat* in their job*" OR "Job motivation*" OR "Motivation* of work*" OR "motivat* in their job*") OR abstract:("Satisfaction at work*" OR "Satisfied at work*" OR "Satisfied in work*" OR "Satisfied in the work*" OR "Satisfaction at their work*" OR "Satisfied in their work*" OR "Satisfied with their work*" OR "Satisfaction in their work" OR "Work* satisfaction" OR "Satisfied with their job*" OR "Satisfaction in their job*" OR "Satisfaction with their job*" OR "Job satisfaction" OR "Satisfied in their job*" OR "Satisfied with their job*" OR "Satisf* of work*" OR "Engage* at work*" OR "Engage* at their work*" OR "Engage* in their work*" OR "Engage* in the work*" OR "Engage* with their work*" OR "Work engagement" OR "Engage* at their job*" OR "Engage* in their job*" OR "Engage* with their job*" OR "Engage* of work*" OR "job engagement" OR "performance at work*" OR "motivat* in work*" OR "motivat* at their work*" OR "motivat* in their work" OR "motivat* in the work" OR "Work* motivation*" OR "Motivation* of work*" OR "Work* motivation*" OR "Motivation* of work*" OR "motivat* at their job*" OR "motivat* in their job*" OR "Job motivation*" OR "Motivation* of work*" OR "motivat* in their job*") AND (title:(implement* OR deliver* OR accept* OR (change* AND behav*) OR barrier* OR facilitat* OR obstacle* OR determinant* OR obstruct* OR adopt* OR support* OR help* OR hinder* OR deter* OR imped* OR cooperat* OR "co-operation" OR "co-operate" OR "co-operates" OR "co-operated" OR "co-operative" OR "co-operating" OR "co-operator" OR "co-operators" OR oppos*) OR abstract:(implement* OR deliver* OR accept* OR (change* AND behav*) OR barrier* OR facilitat* OR obstacle* OR determinant* OR obstruct* OR adopt* OR support* OR help* OR hinder* OR deter* OR imped* OR cooperat* OR "co-operation" OR "co-operate" OR "co-operates" OR "co-operated" OR "co-operative" OR "co-operating" OR "co-operator" OR "co-operators" OR oppos*))

11.4.4 Rerun searches

The above clusters were pasted back into the advanced search box in Epistemonikos. Results were limited on screen to include only those references added to the Epistemonikos database since the previous search date:

Filters

Publication year

Added to database

From:

To:

11.5 HealthEvidence.org

11.5.1 Original searches

In *advanced search* form, free-text search for...

(implement* OR deliver* OR accept* OR (change* AND behav*) OR barrier* OR facilitat* OR obstacle* OR determinant* OR obstruct* OR adopt* OR support* OR help* OR hinder* OR deter* OR impeded* OR cooperat* OR (co-operat*) OR oppos*)

AND

Limit:

Date = Published from 2007 to 2020

Topic Area = Health Through the Ages -> Workplace Health

11.5.2 Rerun searches

As above with amended date limit (references published from 2019-2021). No option to restrict by database entry date available.

11.6 MEDLINE ALL

11.6.1 Original searches

- 1 exp Occupational Stress/ (12503)
- 2 "Burnout, Professional"/ (11301)
- 3 Job Satisfaction/ (24412)
- 4 "job satisfaction".ti,ab. (8233)
- 5 (satisf* adj3 (work* or job*)).ti,ab. (11967)
- 6 work engagement/ (308)
- 7 (engage* adj3 (work* or job*)).ti,ab. (4724)
- 8 ((motivation or motivated) adj3 (work* or job*)).ti,ab. (2517)
- 9 or/1-8 (45552)
- 10 Absenteeism/ (8924)
- 11 absenteeism.ti,ab. (5551)
- 12 Presenteeism/ (267)
- 13 presenteeism.ti,ab. (1080)
- 14 Work Performance/ (746)
- 15 (work adj3 performance).ti,ab. (4923)
- 16 (job adj3 performance).ti,ab. (1851)
- 17 or/10-16 (18943)
- 18 wellbeing.ti,ab. (14461)
- 19 "well-being".ti,ab. (71710)
- 20 Mental Health/ (36294)
- 21 mental*.ti,ab. (340833)
- 22 Resilience, Psychological/ (5201)
- 23 Adaptation, Psychological/ (92523)
- 24 psych*.ti,ab. (790057)
- 25 or/18-24 (1129983)
- 26 17 and 25 (4009)
- 27 wellbeing.ti. (2695)
- 28 "well-being".ti. (12558)
- 29 exp *Stress, Psychological/ (81203)
- 30 stress.ti. (222961)
- 31 burnout.ti. (5834)
- 32 exp *Fatigue/ (15511)
- 33 fatigue*.ti. (25730)
- 34 tired*.ti. (586)
- 35 *Depression/ (69737)
- 36 (depression or depressed).ti. (107907)
- 37 *Anxiety/ (40311)
- 38 anxiety.ti. (48536)
- 39 **Sleep Initiation and Maintenance Disorders"/ or *Sleep/ or ***Sleep Deprivation"/ (45097)
- 40 insomnia.ti. (6877)
- 41 sleep.ti. (87004)
- 42 productivity.ti. (9371)
- 43 exp *Efficiency/ (13456)
- 44 (confidence not "confidence interval*").ti. (5272)
- 45 *self concept/ (24809)
- 46 *self efficacy/ (7982)
- 47 "self esteem".ti. (4075)
- 48 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti. (2924)
- 49 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti. (66944)
- 50 *Quality of Life/ or *Quality-Adjusted Life Years/ (87286)
- 51 or/27-50 (723033)
- 52 employment/ or employment, supported/ (46235)
- 53 (employee* or employment or employed).ti,ab,jw. (414308)
- 54 Workplace/ (21994)
- 55 (work or worker* or workload*).ti,ab,jw. (1104214)
- 56 (workplace* or worksite*).ti,ab,jw. (42033)
- 57 occupational.ti,ab,jw. (164036)

- 58 (job or jobs).ti,ab,jw. (59635)
- 59 (organisations or organisational or company or companies or corporation*).ti,ab,jw. (184902)
- 60 personnel.ti,ab,jw. (71181)
- 61 exp occupational groups/ (587964)
- 62 profession*.ti,jw. (89334)
- 63 (staff or staffing).ti,ab,jw. (158429)
- 64 (colleague* or coworker*).ti,ab,jw. (36665)
- 65 "Occupational Diseases"/ (82739)
- 66 Job Satisfaction/ (24412)
- 67 Occupational Health/ (32598)
- 68 Occupational Health Services/ (10476)
- 69 "Personnel Staffing and Scheduling"/ (16889)
- 70 "Organizational Culture"/ (17112)
- 71 or/52-70 (2438225)
- 72 51 and 71 (104584)
- 73 wellbeing.ti,ab. (14461)
- 74 "well-being".ti,ab. (71710)
- 75 exp Stress, Psychological/ (127376)
- 76 stress.ti,ab. (707069)
- 77 burnout.ti,ab. (10371)
- 78 exp Fatigue/ (29481)
- 79 fatigue*.ti,ab. (91133)
- 80 tired*.ti,ab. (5599)
- 81 Depression/ (114576)
- 82 (depression or depressed).ti,ab. (376534)
- 83 Anxiety/ (78121)
- 84 anxiety.ti,ab. (180528)
- 85 "Sleep Initiation and Maintenance Disorders"/ or Sleep/ or "Sleep Deprivation"/ (67809)
- 86 insomnia.ti,ab. (19736)
- 87 sleep.ti,ab. (157818)
- 88 productivity.ti,ab. (55647)
- 89 exp Efficiency/ (34702)
- 90 (confidence not "confidence interval").ti,ab. (71834)
- 91 self concept/ (55605)
- 92 self efficacy/ (19503)
- 93 "self esteem".ti,ab. (20035)
- 94 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti,ab. (12980)
- 95 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti,ab. (265564)
- 96 Quality of Life/ or Quality-Adjusted Life Years/ (196862)
- 97 or/73-96 (1946584)
- 98 *employment/ or *employment, supported/ (25702)
- 99 (employee* or employment or employed).ti,jw. (25514)
- 100 *Workplace/ (11020)
- 101 (work or worker* or workload*).ti,jw. (158976)
- 102 (workplace* or worksite*).ti,jw. (13211)
- 103 occupational.ti,jw. (104945)
- 104 (job or jobs).ti,jw. (15030)
- 105 (organisations or organisational or company or companies or corporation*).ti,jw. (28134)
- 106 personnel.ti,jw. (17378)
- 107 exp *occupational groups/ (427285)
- 108 profession*.ti,jw. (89334)
- 109 (staff or staffing).ti,jw. (30637)
- 110 (colleague* or coworker*).ti,jw. (2628)
- 111 **"Occupational Diseases"/ (68848)
- 112 *Job Satisfaction/ (11447)
- 113 *Occupational Health/ (23615)
- 114 *Occupational Health Services/ (7794)
- 115 **"Personnel Staffing and Scheduling"/ (9722)
- 116 **"Organizational Culture"/ (5404)
- 117 or/98-116 (842366)
- 118 97 and 117 (104865)

- 119 9 or 26 or 72 or 118 (188850)
- 120 limit 119 to english language (172067)
- 121 limit 120 to (comment or congress or consensus development conference or consensus development conference, nih or editorial or letter or news) (6391)
- 122 120 not 121 (165676)
- 123 Animals/ not (Humans/ and Animals/) (4634083)
- 124 122 not 123 (161233)
- 125 limit 124 to yr="2007 -Current" (104319)
- 126 exp United Kingdom/ (360158)
- 127 (national health service* or nhs*).ti,ab,in. (185325)
- 128 (english not ((published or publication* or translat* or written or language* or speak* or literature or citation*) adj5 english)).ti,ab. (93538)
- 129 (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*).ti,ab,jw,in. (2005030)
- 130 (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 (Worcester not (massachusetts* or boston* or harvard*)) or ("Worcester'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*))))).ti,ab,in. (1354315)
- 131 (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").ti,ab,in. (52985)
- 132 (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").ti,ab,in. (201691)
- 133 (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").ti,ab,in. (24931)
- 134 or/126-133 (2580349)
- 135 (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/) (2801631)
- 136 134 not 135 (2437621)
- 137 125 and 136 (13102)
- 138 intervention*.ti,ab. (947113)
- 139 training.ti,ab. (388545)
- 140 exp Inservice Training/mt, og [Methods, Organization & Administration] (10030)
- 141 program*.ti,ab. (842000)
- 142 (policy or policies).ti,ab. (238280)
- 143 policy/ (2463)
- 144 (strategy or strategies).ti,ab. (1011982)
- 145 evaluation studies.pt. (247878)
- 146 or/138-145 (3088242)
- 147 implement*.ti,ab. (465929)
- 148 implementation science/ (273)
- 149 deliver*.ti,ab. (623478)
- 150 accept*.ti,ab. (438120)
- 151 (change* adj3 behav*).ti,ab. (58106)
- 152 barrier*.ti,ab. (280087)

- 153 facilitat*.ti,ab. (508987)
- 154 obstacle*.ti,ab. (45795)
- 155 determinant*.ti,ab. (227875)
- 156 obstruct*.ti,ab. (267598)
- 157 adopt*.ti,ab. (237105)
- 158 support*.ti,ab. (1485663)
- 159 help*.ti,ab. (775853)
- 160 hinder*.ti,ab. (53590)
- 161 deter*.ti,ab. (3568508)
- 162 imped*.ti,ab. (86751)
- 163 (cooperat* or "co-operat*").ti,ab. (144215)
- 164 Cooperative Behavior/ (42699)
- 165 oppos*.ti,ab. (207753)
- 166 or/147-165 (7558157)
- 167 137 and 146 and 166 (4484)

11.6.2 Rerun searches

- 1 exp Occupational Stress/ (14643)
- 2 "Burnout, Professional"/ (12701)
- 3 Job Satisfaction/ (25474)
- 4 "job satisfaction".ti,ab. (9047)
- 5 (satisf* adj3 (work* or job*)).ti,ab. (13119)
- 6 work engagement/ (484)
- 7 (engage* adj3 (work* or job*)).ti,ab. (5384)
- 8 ((motivation or motivated) adj3 (work* or job*)).ti,ab. (2798)
- 9 or/1-8 (49853)
- 10 Absenteeism/ (9211)
- 11 absenteeism.ti,ab. (6036)
- 12 Presenteeism/ (360)
- 13 presenteeism.ti,ab. (1275)
- 14 Work Performance/ (938)
- 15 (work adj3 performance).ti,ab. (5543)
- 16 (job adj3 performance).ti,ab. (2022)
- 17 or/10-16 (20497)
- 18 wellbeing.ti,ab. (17783)
- 19 "well-being".ti,ab. (81488)
- 20 Mental Health/ or Psychology, Positive/ (41373)
- 21 mental*.ti,ab. (373842)
- 22 Resilience, Psychological/ (6388)
- 23 Adaptation, Psychological/ (96129)
- 24 psych*.ti,ab. (847486)
- 25 or/18-24 (1217426)
- 26 17 and 25 (4374)
- 27 wellbeing.ti. (3302)
- 28 "well-being".ti. (14448)
- 29 *Psychology, Positive/ or exp *Stress, Psychological/ (87007)
- 30 stress.ti. (242593)
- 31 burnout.ti. (7053)
- 32 exp *Fatigue/ (16507)
- 33 fatigue*.ti. (27779)
- 34 tired*.ti. (626)
- 35 *Depression/ (75699)
- 36 (depression or depressed).ti. (115869)
- 37 *Anxiety/ (43695)
- 38 anxiety.ti. (53580)
- 39 **Sleep Initiation and Maintenance Disorders"/ or *Sleep/ or ***Sleep Deprivation"/ (48084)
- 40 insomnia.ti. (7695)
- 41 sleep.ti. (94399)
- 42 productivity.ti. (10196)
- 43 exp *Efficiency/ (13882)
- 44 (confidence not "confidence interval*").ti. (5907)

- 45 *self concept/ (25909)
- 46 *self efficacy/ (8695)
- 47 "self esteem".ti. (4380)
- 48 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti. (3238)
- 49 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti. (73138)
- 50 *Quality of Life/ or *Quality-Adjusted Life Years/ (94867)
- 51 or/27-50 (783289)
- 52 employment/ or employment, supported/ (47882)
- 53 (employee* or employment or employed).ti,ab,jw. (451161)
- 54 Workplace/ (23912)
- 55 (work or worker* or workload*).ti,ab,jw. (1217298)
- 56 (workplace* or worksite*).ti,ab,jw. (46116)
- 57 occupational.ti,ab,jw. (172171)
- 58 (job or jobs).ti,ab,jw. (64306)
- 59 (organi?ations or organi?ational or company or companies or corporation*).ti,ab,jw. (201460)
- 60 personnel.ti,ab,jw. (76331)
- 61 exp occupational groups/ (621535)
- 62 profession*.ti,jw. (94676)
- 63 (staff or staffing).ti,ab,jw. (172056)
- 64 (colleague* or coworker*).ti,ab,jw. (39477)
- 65 "Occupational Diseases"/ (84002)
- 66 Job Satisfaction/ (25474)
- 67 Occupational Health/ (34277)
- 68 Occupational Health Services/ (10605)
- 69 "Personnel Staffing and Scheduling"/ (17385)
- 70 "Organizational Culture"/ (17828)
- 71 or/52-70 (2636906)
- 72 51 and 71 (115543)
- 73 wellbeing.ti,ab. (17783)
- 74 "well-being".ti,ab. (81488)
- 75 Psychology, Positive/ or exp Stress, Psychological/ (135312)
- 76 stress.ti,ab. (774559)
- 77 burnout.ti,ab. (12664)
- 78 exp Fatigue/ (31275)
- 79 fatigue*.ti,ab. (99876)
- 80 tired*.ti,ab. (6004)
- 81 Depression/ (123679)
- 82 (depression or depressed).ti,ab. (404434)
- 83 Anxiety/ (84521)
- 84 anxiety.ti,ab. (201143)
- 85 "Sleep Initiation and Maintenance Disorders"/ or Sleep/ or "Sleep Deprivation"/ (72091)
- 86 insomnia.ti,ab. (21993)
- 87 sleep.ti,ab. (172120)
- 88 productivity.ti,ab. (62274)
- 89 exp Efficiency/ (35645)
- 90 (confidence not "confidence interval").ti,ab. (79292)
- 91 self concept/ (57571)
- 92 self efficacy/ (21025)
- 93 "self esteem".ti,ab. (21461)
- 94 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti,ab. (14594)
- 95 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti,ab. (295356)
- 96 Quality of Life/ or Quality-Adjusted Life Years/ (213990)
- 97 or/73-96 (2114419)
- 98 *employment/ or *employment, supported/ (26669)
- 99 (employee* or employment or employed).ti,jw. (26850)
- 100 *Workplace/ (12076)
- 101 (work or worker* or workload*).ti,jw. (169142)
- 102 (workplace* or worksite*).ti,jw. (14262)
- 103 occupational.ti,jw. (108640)
- 104 (job or jobs).ti,jw. (15967)

- 105 (organisations or organisational or company or companies or corporation*).ti,jw. (29676)
- 106 personnel.ti,jw. (17956)
- 107 exp *occupational groups/ (451700)
- 108 profession*.ti,jw. (94676)
- 109 (staff or staffing).ti,jw. (32119)
- 110 (colleague* or coworker*).ti,jw. (2787)
- 111 *"Occupational Diseases"/ (69898)
- 112 *Job Satisfaction/ (11955)
- 113 *Occupational Health/ (24626)
- 114 *Occupational Health Services/ (7892)
- 115 *"Personnel Staffing and Scheduling"/ (9980)
- 116 *"Organizational Culture"/ (5734)
- 117 or/98-116 (885954)
- 118 97 and 117 (115212)
- 119 9 or 26 or 72 or 118 (207061)
- 120 limit 119 to english language (189846)
- 121 limit 120 to (comment or congress or consensus development conference or consensus development conference, nih or editorial or letter or news) (7063)
- 122 120 not 121 (182783)
- 123 Animals/ not (Humans/ and Animals/) (4748807)
- 124 122 not 123 (177994)
- 125 limit 124 to yr="2007 -Current" (121076)
- 126 exp United Kingdom/ (370166)
- 127 (national health service* or nhs*).ti,ab,in. (213273)
- 128 (english not ((published or publication* or translat* or written or language* or speak* or literature or citation*) adj5 english)).ti,ab. (97011)
- 129 (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*).ti,ab,jw,in. (2150770)
- 130 (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 (Worcester not (massachusetts* or boston* or harvard*)) or ("Worcester'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*))))).ti,ab,in. (1482545)
- 131 (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").ti,ab,in. (58849)
- 132 (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").ti,ab,in. (219891)
- 133 (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").ti,ab,in. (27830)
- 134 or/126-133 (2756522)
- 135 (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/)) (2952350)
- 136 134 not 135 (2600632)
- 137 125 and 136 (15127)
- 138 intervention*.ti,ab. (1053766)

- 139 training.ti,ab. (429558)
- 140 exp Inservice Training/mt, og [Methods, Organization & Administration] (10311)
- 141 program*.ti,ab. (909062)
- 142 (policy or policies).ti,ab. (265520)
- 143 policy/ (3013)
- 144 (strategy or strategies).ti,ab. (1139204)
- 145 evaluation studies.pt. (26)
- 146 or/138-145 (3186550)
- 147 implement*.ti,ab. (530175)
- 148 implementation science/ (585)
- 149 deliver*.ti,ab. (683118)
- 150 accept*.ti,ab. (471571)
- 151 (change* adj3 behav*).ti,ab. (63939)
- 152 barrier*.ti,ab. (312341)
- 153 facilitat*.ti,ab. (560608)
- 154 obstacle*.ti,ab. (50802)
- 155 determinant*.ti,ab. (243392)
- 156 obstruct*.ti,ab. (284185)
- 157 adopt*.ti,ab. (264965)
- 158 support*.ti,ab. (1616326)
- 159 help*.ti,ab. (857400)
- 160 hinder*.ti,ab. (61791)
- 161 deter*.ti,ab. (3786094)
- 162 imped*.ti,ab. (95685)
- 163 (cooperat* or "co-operat*").ti,ab. (153116)
- 164 Cooperative Behavior/ (44166)
- 165 oppos*.ti,ab. (221532)
- 166 or/147-165 (8137924)
- 167 137 and 146 and 166 (5254)
- 168 ("20200124" or "20200125" or "20200126" or "20200127" or "20200128" or "20200129" or 2020013* or 202002* or 202003* or 202004* or 202005* or 202006* or 202007* or 202008* or 202009* or 20201* or 2021*).ed,dt. (2223370)
- 169 167 and 168 (1092)

11.7 PsycINFO

11.7.1 Original searches

- 1 exp Occupational Stress/ (21097)
- 2 job satisfaction/ (19130)
- 3 "job satisfaction".ti,ab. (17590)
- 4 (satisf* adj3 (work* or job*)).ti,ab. (22230)
- 5 employee engagement/ (2390)
- 6 "work (attitudes toward)"/ (6282)
- 7 job involvement/ (1852)
- 8 job enrichment/ (254)
- 9 (engage* adj3 (work* or job*)).ti,ab. (6025)
- 10 employee motivation/ (3035)
- 11 ((motivation or motivated) adj3 (work* or job*)).ti,ab. (4101)
- 12 "quality of work life"/ (1538)
- 13 work-life balance/ (891)
- 14 workaholism/ (434)
- 15 or/1-14 (62699)
- 16 exp employee absenteeism/ (2285)
- 17 absenteeism.ti,ab. (3795)
- 18 presenteeism.ti,ab. (481)
- 19 exp job performance/ (20332)
- 20 (work adj3 performance).ti,ab. (4947)
- 21 (job adj3 performance).ti,ab. (7016)
- 22 or/16-21 (30158)
- 23 exp well being/ (42118)
- 24 wellbeing.ti,ab. (11950)
- 25 "well-being".ti,ab. (76936)
- 26 exp mental health/ (63579)
- 27 exp *mental disorders/ (751477)
- 28 mental*.ti,ab. (401086)
- 29 exp "resilience (psychological)"/ (13302)
- 30 coping behavior/ (46786)
- 31 "stress and coping measures"/ (168)
- 32 exp emotional adjustment/ (21460)
- 33 social adjustment/ (9603)
- 34 social acceptance/ (6182)
- 35 psych*.ti,ab. (1134475)
- 36 or/23-35 (1839315)
- 37 22 and 36 (8305)
- 38 wellbeing.ti. (2466)
- 39 "well-being".ti. (19797)
- 40 exp *well being/ (31664)
- 41 exp *stress/ (89748)
- 42 exp *"Stress and Coping Measures"/ (48)
- 43 *"stress and trauma related disorders"/ or *acute stress disorder/ or *adjustment disorders/ (952)
- 44 *stress management/ (3973)
- 45 stress.ti. (72882)
- 46 burnout.ti. (6438)
- 47 *fatigue/ (6709)
- 48 fatigue*.ti. (7614)
- 49 tired*.ti. (210)
- 50 *"depression (emotion)"/ (19637)
- 51 exp *affective disorders/ (116076)
- 52 (depression or depressed).ti. (84004)
- 53 exp *anxiety/ (51577)
- 54 exp *anxiety disorders/ (46493)
- 55 *anxiety management/ (465)
- 56 anxiety.ti. (52923)
- 57 *insomnia/ (5204)
- 58 *sleep/ or *sleep onset/ or *sleep deprivation/ (22306)

- 59 insomnia.ti. (3982)
- 60 sleep.ti. (32357)
- 61 exp *productivity/ (3881)
- 62 productivity.ti. (3038)
- 63 *self-confidence/ (2354)
- 64 (confidence not "confidence interval").ti. (3921)
- 65 *self-concept/ (34978)
- 66 *self-regard/ (76)
- 67 *self-esteem/ (19212)
- 68 *self-congruence/ (524)
- 69 "self esteem".ti. (11883)
- 70 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti. (4128)
- 71 *mental health literacy/ (209)
- 72 **mental illness (attitudes toward)"/ (2988)
- 73 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti. (21273)
- 74 exp **"quality of life"/ (34200)
- 75 or/38-74 (503479)
- 76 employment status/ or employability/ or reemployment/ or self-employment/ or supported employment/ (18796)
- 77 (employee* or employment or employed).ti,ab,jw. (193824)
- 78 exp human resource management/ (51076)
- 79 workplace intervention/ (576)
- 80 exp working conditions/ (28507)
- 81 (work or worker* or workload*).ti,ab,jw. (538602)
- 82 (workplace* or worksite*).ti,ab,jw. (36384)
- 83 occupational.ti,ab,jw. (53165)
- 84 occupations/ (8551)
- 85 exp occupational choice/ (8742)
- 86 occupational preference/ (1341)
- 87 exp job characteristics/ (10944)
- 88 exp nontraditional careers/ (467)
- 89 exp occupational tenure/ (1196)
- 90 occupational exposure/ (1147)
- 91 occupational guidance/ (8509)
- 92 exp occupational health/ (3794)
- 93 occupational interests/ (2910)
- 94 exp occupational interest measures/ (1242)
- 95 occupational preference/ (1341)
- 96 occupational safety/ (3508)
- 97 occupational status/ (3046)
- 98 occupational success/ (2850)
- 99 occupational therapy/ (6082)
- 100 exp "organizational and occupational measures"/ (3176)
- 101 employer attitudes/ (1430)
- 102 exp employee attitudes/ (33850)
- 103 (job or jobs).ti,ab,jw. (84816)
- 104 (organi?ations or organi?ational or company or companies or corporation*).ti,ab,jw. (201678)
- 105 exp organizations/ (113251)
- 106 personnel.ti,ab,jw. (45798)
- 107 exp personnel/ (497310)
- 108 profession*.ti,jw. (46433)
- 109 (staff or staffing).ti,ab,jw. (76943)
- 110 (colleague* or coworker*).ti,ab,jw. (34219)
- 111 least preferred coworker scale/ (59)
- 112 or/76-111 (1257954)
- 113 75 and 112 (114449)
- 114 wellbeing.ti,ab. (11950)
- 115 "well-being".ti,ab. (76936)
- 116 exp well being/ (42118)
- 117 exp stress/ (111788)
- 118 exp "Stress and Coping Measures"/ (168)

- 119 "stress and trauma related disorders"/ or acute stress disorder/ or adjustment disorders/ (1285)
- 120 stress management/ (5009)
- 121 stress.ti,ab. (200286)
- 122 burnout.ti,ab. (11566)
- 123 fatigue/ (8836)
- 124 fatigue.ti,ab. (23808)
- 125 tired*.ti,ab. (2474)
- 126 "depression (emotion)"/ (25300)
- 127 exp affective disorders/ (139436)
- 128 (depression or depressed).ti,ab. (250708)
- 129 exp anxiety/ (69425)
- 130 exp anxiety disorders/ (52937)
- 131 anxiety management/ (602)
- 132 anxiety.ti,ab. (185522)
- 133 insomnia/ (6087)
- 134 sleep/ or sleep onset/ or sleep deprivation/ (26396)
- 135 insomnia.ti,ab. (11413)
- 136 sleep.ti,ab. (64779)
- 137 exp productivity/ (5133)
- 138 productivity.ti,ab. (16085)
- 139 self-confidence/ (3492)
- 140 (confidence not "confidence interval").ti,ab. (37938)
- 141 self-concept/ (42987)
- 142 self-regard/ (158)
- 143 self-esteem/ (24995)
- 144 self-congruence/ (743)
- 145 "self esteem".ti,ab. (43009)
- 146 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti,ab. (21573)
- 147 mental health literacy/ (408)
- 148 "mental illness (attitudes toward)"/ (3488)
- 149 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti,ab. (65412)
- 150 exp "quality of life"/ (41661)
- 151 or/114-150 (886835)
- 152 *employment status/ or *employability/ or *reemployment/ or *self-employment/ or *supported employment/ (14609)
- 153 (employee* or employment or employed).ti,jw. (28685)
- 154 exp *human resource management/ (44022)
- 155 *workplace intervention/ (395)
- 156 exp *working conditions/ (23009)
- 157 (work or worker* or workload*).ti,jw. (112138)
- 158 (workplace* or worksite*).ti,jw. (11678)
- 159 occupational.ti,jw. (25057)
- 160 *occupations/ (6612)
- 161 exp *occupational choice/ (7655)
- 162 *occupational preference/ (1072)
- 163 exp *job characteristics/ (8815)
- 164 exp *nontraditional careers/ (368)
- 165 exp *occupational tenure/ (862)
- 166 *occupational exposure/ (963)
- 167 *occupational guidance/ (7434)
- 168 exp *occupational health/ (3158)
- 169 *occupational interests/ (2609)
- 170 exp *occupational interest measures/ (1126)
- 171 *occupational preference/ (1072)
- 172 *occupational safety/ (3070)
- 173 *occupational status/ (2235)
- 174 *occupational success/ (2285)
- 175 *occupational therapy/ (5287)
- 176 exp *"organizational and occupational measures"/ (2777)
- 177 *employer attitudes/ (1139)
- 178 exp *employee attitudes/ (29277)

- 179 (job or jobs).ti,jw. (22649)
- 180 (organisations or organisational or company or companies or corporation*).ti,jw. (53102)
- 181 exp *organizations/ (90738)
- 182 personnel.ti,jw. (17621)
- 183 exp *personnel/ (387156)
- 184 profession*.ti,jw. (46433)
- 185 (staff or staffing).ti,jw. (9075)
- 186 (colleague* or coworker*).ti,jw. (1157)
- 187 *least preferred coworker scale/ (59)
- 188 or/152-187 (656496)
- 189 151 and 188 (116690)
- 190 15 or 37 or 113 or 189 (206685)
- 191 limit 190 to human (198660)
- 192 limit 191 to english language (187843)
- 193 limit 192 to ("column/opinion" or "comment/reply" or editorial or letter or review-book) (9784)
- 194 192 not 193 (178059)
- 195 limit 194 to conference proceedings (53)
- 196 194 not 195 (178006)
- 197 limit 196 to yr="2007 -Current" (100078)
- 198 limit 196 to (100 childhood <birth to age 12 yrs> or 120 neonatal <birth to age 1 mo> or 140 infancy <2 to 23 mo> or 160 preschool age <age 2 to 5 yrs> or 180 school age <age 6 to 12 yrs>) (10206)
- 199 limit 196 to (200 adolescence <age 13 to 17 yrs> or "300 adulthood <age 18 yrs and older>" or 320 young adulthood <age 18 to 29 yrs> or 340 thirties <age 30 to 39 yrs> or 360 middle age <age 40 to 64 yrs> or "380 aged <age 65 yrs and older>" or "390 very old <age 85 yrs and older>") (129742)
- 200 198 not 199 (3250)
- 201 197 not 200 (98525)
- 202 (national health service* or nhs*).ti,ab,in,cq. (29442)
- 203 (english not ((published or publication* or translat* or written or language* or speak* or literature or citation*) adj5 english)).ti,ab. (94917)
- 204 (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*).ti,ab,jx,in,cq. (463394)
- 205 (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*))))).ti,ab,in,cq. (364884)
- 206 (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").ti,ab,in,cq. (18861)
- 207 (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").ti,ab,in,cq. (45461)
- 208 (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").ti,ab,in,cq. (5970)
- 209 or/202-208 (617724)
- 210 201 and 209 (13367)

- 211 intervention*.ti,ab. (366573)
- 212 workplace intervention/ or intervention/ (62519)
- 213 training.ti,ab. (251284)
- 214 exp Work Adjustment Training/ or exp Human Relations Training/ or exp Inservice Training/ or exp Training/ or exp Personnel Training/ or exp On the Job Training/ (73190)
- 215 program*.ti,ab. (383381)
- 216 (policy or policies).ti,ab. (155044)
- 217 (strategy or strategies).ti,ab. (299338)
- 218 exp strategies/ (51548)
- 219 exp evaluation/ (108076)
- 220 or/211-219 (1218214)
- 221 implement*.ti,ab. (169005)
- 222 deliver*.ti,ab. (99515)
- 223 accept*.ti,ab. (135369)
- 224 (change* adj3 behav*).ti,ab. (42477)
- 225 exp behavior change/ (13572)
- 226 barrier*.ti,ab. (67491)
- 227 communication barriers/ (571)
- 228 treatment barriers/ (4736)
- 229 facilitat*.ti,ab. (158887)
- 230 obstacle*.ti,ab. (18685)
- 231 determinant*.ti,ab. (51206)
- 232 obstruct*.ti,ab. (8629)
- 233 adopt*.ti,ab. (90267)
- 234 support*.ti,ab. (639178)
- 235 help*.ti,ab. (326561)
- 236 hinder*.ti,ab. (14714)
- 237 deter*.ti,ab. (469014)
- 238 imped*.ti,ab. (15613)
- 239 (cooperat* or "co-operat*").ti,ab. (45224)
- 240 cooperation/ (14741)
- 241 oppos*.ti,ab. (80904)
- 242 or/221-241 (1784611)
- 243 210 and 220 and 242 (4125)

11.7.2 Rerun searches

- 1 exp Occupational Stress/ (14689)
- 2 job satisfaction/ (10744)
- 3 "job satisfaction".ti,ab. (11418)
- 4 (satisf* adj3 (work* or job*)).ti,ab. (14268)
- 5 employee engagement/ (2853)
- 6 "work (attitudes toward)"/ (3052)
- 7 job involvement/ (646)
- 8 job enrichment/ (124)
- 9 (engage* adj3 (work* or job*)).ti,ab. (6196)
- 10 employee motivation/ (1402)
- 11 ((motivation or motivated) adj3 (work* or job*)).ti,ab. (2821)
- 12 "quality of work life"/ (1125)
- 13 work-life balance/ (1020)
- 14 workaholism/ (392)
- 15 or/1-14 (42047)
- 16 exp employee absenteeism/ (1400)
- 17 absenteeism.ti,ab. (2507)
- 18 presenteeism.ti,ab. (515)
- 19 exp job performance/ (11375)
- 20 (work adj3 performance).ti,ab. (3653)
- 21 (job adj3 performance).ti,ab. (4584)
- 22 or/16-21 (18298)
- 23 exp well being/ (41692)
- 24 wellbeing.ti,ab. (13625)

- 25 "well-being".ti,ab. (70367)
- 26 exp mental health/ (57101)
- 27 exp *mental disorders/ (511742)
- 28 mental*.ti,ab. (260016)
- 29 exp "resilience (psychological)"/ (14240)
- 30 coping behavior/ (29917)
- 31 "stress and coping measures"/ (142)
- 32 exp emotional adjustment/ (10494)
- 33 social adjustment/ (3194)
- 34 social acceptance/ (4194)
- 35 psych*.ti,ab. (666272)
- 36 or/23-35 (1148956)
- 37 22 and 36 (5707)
- 38 wellbeing.ti. (2742)
- 39 "well-being".ti. (17768)
- 40 exp *well being/ (30847)
- 41 exp *stress/ (59817)
- 42 exp *"Stress and Coping Measures"/ (66)
- 43 *"stress and trauma related disorders"/ or *acute stress disorder/ or *adjustment disorders/ (812)
- 44 *stress management/ (2408)
- 45 stress.ti. (51721)
- 46 burnout.ti. (5120)
- 47 *fatigue/ (5321)
- 48 fatigue*.ti. (5523)
- 49 tired*.ti. (173)
- 50 *"depression (emotion)"/ (5679)
- 51 exp *affective disorders/ (86304)
- 52 (depression or depressed).ti. (59696)
- 53 exp *anxiety/ (33238)
- 54 exp *anxiety disorders/ (29753)
- 55 *anxiety management/ (393)
- 56 anxiety.ti. (36342)
- 57 *insomnia/ (4378)
- 58 *sleep/ or *sleep onset/ or *sleep deprivation/ (16358)
- 59 insomnia.ti. (3450)
- 60 sleep.ti. (24572)
- 61 exp *productivity/ (2307)
- 62 productivity.ti. (1721)
- 63 *self-confidence/ (1949)
- 64 (confidence not "confidence interval").ti. (2897)
- 65 *self-concept/ (16330)
- 66 *self-regard/ (51)
- 67 *self-esteem/ (9718)
- 68 *self-congruence/ (276)
- 69 "self esteem".ti. (6341)
- 70 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti. (2808)
- 71 *mental health literacy/ (251)
- 72 *"mental illness (attitudes toward)"/ (1505)
- 73 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti. (19324)
- 74 exp *"quality of life"/ (31276)
- 75 or/38-74 (346855)
- 76 employment status/ or employability/ or reemployment/ or self-employment/ or supported employment/ (14341)
- 77 (employee* or employment or employed).ti,ab,jw. (144731)
- 78 exp human resource management/ (31954)
- 79 workplace intervention/ (905)
- 80 exp working conditions/ (21386)
- 81 (work or worker* or workload*).ti,ab,jw. (398129)
- 82 (workplace* or worksite*).ti,ab,jw. (33039)
- 83 occupational.ti,ab,jw. (32777)
- 84 occupations/ (5219)

- 85 exp occupational choice/ (3590)
- 86 occupational preference/ (346)
- 87 exp job characteristics/ (7328)
- 88 exp nontraditional careers/ (124)
- 89 exp occupational tenure/ (605)
- 90 occupational exposure/ (748)
- 91 occupational guidance/ (3325)
- 92 exp occupational health/ (3804)
- 93 occupational interests/ (838)
- 94 exp occupational interest measures/ (201)
- 95 occupational preference/ (346)
- 96 occupational safety/ (2851)
- 97 occupational status/ (1136)
- 98 occupational success/ (1387)
- 99 occupational therapy/ (4105)
- 100 exp "organizational and occupational measures"/ (932)
- 101 employer attitudes/ (846)
- 102 exp employee attitudes/ (21041)
- 103 (job or jobs).ti,ab,jw. (55221)
- 104 (organisations or organisational or company or companies or corporation*).ti,ab,jw. (163457)
- 105 exp organizations/ (91062)
- 106 personnel.ti,ab,jw. (21902)
- 107 exp personnel/ (341081)
- 108 profession*.ti,jw. (32423)
- 109 (staff or staffing).ti,ab,jw. (56332)
- 110 (colleague* or coworker*).ti,ab,jw. (28763)
- 111 least preferred coworker scale/ (1)
- 112 or/76-111 (889858)
- 113 75 and 112 (86079)
- 114 wellbeing.ti,ab. (13625)
- 115 "well-being".ti,ab. (70367)
- 116 exp well being/ (41692)
- 117 exp stress/ (77806)
- 118 exp "Stress and Coping Measures"/ (142)
- 119 "stress and trauma related disorders"/ or acute stress disorder/ or adjustment disorders/ (1059)
- 120 stress management/ (3096)
- 121 stress.ti,ab. (152175)
- 122 burnout.ti,ab. (9884)
- 123 fatigue/ (7257)
- 124 fatigue.ti,ab. (17603)
- 125 tired*.ti,ab. (1936)
- 126 "depression (emotion)"/ (9185)
- 127 exp affective disorders/ (106325)
- 128 (depression or depressed).ti,ab. (183694)
- 129 exp anxiety/ (48296)
- 130 exp anxiety disorders/ (34506)
- 131 anxiety management/ (596)
- 132 anxiety.ti,ab. (133864)
- 133 insomnia/ (5214)
- 134 sleep/ or sleep onset/ or sleep deprivation/ (20074)
- 135 insomnia.ti,ab. (9348)
- 136 sleep.ti,ab. (48849)
- 137 exp productivity/ (3185)
- 138 productivity.ti,ab. (11616)
- 139 self-confidence/ (3038)
- 140 (confidence not "confidence interval").ti,ab. (29455)
- 141 self-concept/ (21488)
- 142 self-regard/ (77)
- 143 self-esteem/ (13175)
- 144 self-congruence/ (442)
- 145 "self esteem".ti,ab. (25945)

- 146 (mental adj9 (literacy or knowledge or attitude* or awareness or communicat* or skill* or competen* or uptake or "take-up")).ti,ab. (15904)
- 147 mental health literacy/ (449)
- 148 "mental illness (attitudes toward)"/ (1806)
- 149 ("quality of life" or "quality adjusted life" or qaly* or qald* or qale* or qtime*).ti,ab. (62453)
- 150 exp "quality of life"/ (38559)
- 151 or/114-150 (635727)
- 152 *employment status/ or *employability/ or *reemployment/ or *self-employment/ or *supported employment/ (11148)
- 153 (employee* or employment or employed).ti,jw. (20417)
- 154 exp *human resource management/ (26966)
- 155 *workplace intervention/ (619)
- 156 exp *working conditions/ (17056)
- 157 (work or worker* or workload*).ti,jw. (79511)
- 158 (workplace* or worksite*).ti,jw. (10267)
- 159 occupational.ti,jw. (14649)
- 160 *occupations/ (3465)
- 161 exp *occupational choice/ (3061)
- 162 *occupational preference/ (262)
- 163 exp *job characteristics/ (5782)
- 164 exp *nontraditional careers/ (99)
- 165 exp *occupational tenure/ (447)
- 166 *occupational exposure/ (619)
- 167 *occupational guidance/ (2863)
- 168 exp *occupational health/ (3135)
- 169 *occupational interests/ (704)
- 170 exp *occupational interest measures/ (171)
- 171 *occupational preference/ (262)
- 172 *occupational safety/ (2507)
- 173 *occupational status/ (806)
- 174 *occupational success/ (1069)
- 175 *occupational therapy/ (3574)
- 176 exp *"organizational and occupational measures"/ (794)
- 177 *employer attitudes/ (664)
- 178 exp *employee attitudes/ (17848)
- 179 (job or jobs).ti,jw. (13039)
- 180 (organi?ations or organi?ational or company or companies or corporation*).ti,jw. (39226)
- 181 exp *organizations/ (71693)
- 182 personnel.ti,jw. (5058)
- 183 exp *personnel/ (264770)
- 184 profession*.ti,jw. (32423)
- 185 (staff or staffing).ti,jw. (6145)
- 186 (colleague* or coworker*).ti,jw. (939)
- 187 *least preferred coworker scale/ (1)
- 188 or/152-187 (446781)
- 189 151 and 188 (88254)
- 190 15 or 37 or 113 or 189 (153846)
- 191 limit 190 to human (147583)
- 192 191 and (english.lg. or "first posting".ps.) (140168)
- 193 limit 192 to ("column/opinion" or "comment/reply" or editorial or letter or review-book) (7615)
- 194 192 not 193 (132553)
- 195 limit 194 to conference proceedings (2)
- 196 194 not 195 (132551)
- 197 limit 196 to yr="2007 -Current" (111792)
- 198 limit 196 to (100 childhood <birth to age 12 yrs> or 120 neonatal <birth to age 1 mo> or 140 infancy <2 to 23 mo> or 160 preschool age <age 2 to 5 yrs> or 180 school age <age 6 to 12 yrs>) (7749)
- 199 limit 196 to (200 adolescence <age 13 to 17 yrs> or "300 adulthood <age 18 yrs and older>" or 320 young adulthood <age 18 to 29 yrs> or 340 thirties <age 30 to 39 yrs> or 360 middle age <age 40 to 64 yrs> or "380 aged <age 65 yrs and older>" or "390 very old <age 85 yrs and older>") (103261)
- 200 198 not 199 (2043)
- 201 197 not 200 (110071)

- 202 (national health service* or nhs*).ti,ab,in,cq. (29264)
- 203 (english not ((published or publication* or translat* or written or language* or speak* or literature or citation*) adj5 english)).ti,ab. (23635)
- 204 (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*).ti,ab,jx,in,cq. (349353)
- 205 (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 (Worcester not (massachusetts* or boston* or harvard*)) or ("Worcester'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*))))).ti,ab,in,cq. (284518)
- 206 (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").ti,ab,in,cq. (15756)
- 207 (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").ti,ab,in,cq. (35926)
- 208 (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").ti,ab,in,cq. (5036)
- 209 or/202-208 (417570)
- 210 201 and 209 (14871)
- 211 intervention*.ti,ab. (327425)
- 212 workplace intervention/ or intervention/ (68051)
- 213 training.ti,ab. (162199)
- 214 exp Work Adjustment Training/ or exp Human Relations Training/ or exp Inservice Training/ or exp Training/ or exp Personnel Training/ or exp On the Job Training/ (45430)
- 215 program*.ti,ab. (270676)
- 216 (policy or policies).ti,ab. (139622)
- 217 (strategy or strategies).ti,ab. (244643)
- 218 exp strategies/ (33169)
- 219 exp evaluation/ (76290)
- 220 or/211-219 (925167)
- 221 implement*.ti,ab. (156816)
- 222 deliver*.ti,ab. (86792)
- 223 accept*.ti,ab. (99566)
- 224 (change* adj3 behav*).ti,ab. (30872)
- 225 exp behavior change/ (9603)
- 226 barrier*.ti,ab. (64658)
- 227 communication barriers/ (627)
- 228 treatment barriers/ (5361)
- 229 facilitat*.ti,ab. (127469)
- 230 obstacle*.ti,ab. (14738)
- 231 determinant*.ti,ab. (35954)
- 232 obstruct*.ti,ab. (7574)
- 233 adopt*.ti,ab. (78175)
- 234 support*.ti,ab. (513784)
- 235 help*.ti,ab. (263398)
- 236 hinder*.ti,ab. (13189)

237 deter*.ti,ab. (334899)
238 imped*.ti,ab. (12811)
239 (cooperat* or "co-operat*").ti,ab. (28546)
240 cooperation/ (9612)
241 oppos*.ti,ab. (55356)
242 or/221-241 (1352147)
243 210 and 220 and 242 (4682)
244 ("20200115" or "20200116" or "20200117" or "20200118" or "20200119" or "2020012*" or
2020013* or 202002* or 202003* or 202004* or 202005* or 202006* or 202007* or 202008* or
202009* or 20201* or 2021*).up. (192854)
245 243 and 244 (461)

12. Website browsing

Website	
Name	Department for Work & Pensions Research Reports
URL	2016-date https://www.gov.uk/government/collections/research-reports 2010-2015 https://webarchive.nationalarchives.gov.uk/20160115224110tf_/https://www.gov.uk/government/collections/research-reports 2007-2009 https://webarchive.nationalarchives.gov.uk/20091222172300/http://research.dwp.gov.uk/asd/asd5/rrs-index.asp
Date searched	5 th December 2019 (original searches); 1 st February 2021 (reruns)
Search terms (including any specific sections browsed)	Browsed all listed research reports.
Results	0 references added to Q6 database from initial searches 2 references added to Q6 database at rerun

Website	
Name	What Works Wellbeing Centre
URL	https://whatworkswellbeing.org/product-category/work/ (original URL) https://whatworkswellbeing.org/category/work/ ; https://whatworkswellbeing.org/resources/evidence-knowledge-bank-draft/ (URLs at rerun)
Date searched	5 th December 2019 (original searches); 1 st February 2021 (reruns)
Search terms (including any specific sections browsed)	Browsed <i>Resources</i> and <i>Practical Examples and Knowledge Bank</i> sections for relevant reviews.
Results	No additional references added to Q6 EPPI database

