

Table SI. Search keywords and results for each database

Search ID#and search terms	Result
Medline	
16 6 and 9 and 15	816
15 10 or 11 or 12 or 13 or 14	1,825,709
14 exp Occupational Diseases/	133,381
13 occupational exposure/ or maximum allowable concentration/ or "threshold limit values"/	60,961
12 (work or worker or workers or working or workplace* or job or jobs or occupation or occupations or occupational or employee or employees).ti,ab.	1,272,356
11 exp occupational groups/	563,405
10 exp Occupations/	34,845
9 7 or 8	438,943
8 (hand or hands).ti,ab.	388,402
7 exp Hand/	87,877
6 1 or 2 or 3 or 4 or 5	39,877
5 (atopic and dermatit*).ti,ab.	17,747
4 "atopic dermatit*".ti,ab.	17,057
3 eczema*.ti,ab.	17,162
2 Dermatitis, Atopic/	17,847
1 Eczema/	10,561
Embase	
20 17 or 19	2,018
19 6 and 9 and 18	1,541
18 10 or 11 or 12 or 13 or 14 or 16	3,077,747
17 9 and 15	882
16 (work or worker or working or workplace* or job or jobs or occupation or occupations or occupational or employee or employees).ti,ab.	1,318,958
15 occupational eczema/	5,029
14 occupational exposure/	73,499
13 work environment/	23,924
12 workplace/	36,976
11 exp named groups by occupation/	1,979,335
10 occupation/ or employment/	111,798
9 7 or 8	496,931
8 (hand or hands).ti,ab.	462,599
7 hand/ or exp finger/ or hand palm/	65,385
6 1 or 2 or 3 or 4 or 5	62,728
5 (atopic and dermatit*).ti,ab.	25,577
4 "atopic dermatit*".ti,ab.	24,541
3 eczema*.ti,ab.	22,670
2 atopic dermatitis/	35,232
1 exp eczema/	25,741
Cinahl	
S40 S27 AND S32 AND S39	28
S39 S33 OR S34 OR S35 OR S36 OR S37 OR S38	584,447
S38 (MH "Work Environment")	17,720
S37 (MH "Occupational Diseases")	6,092
S36 (MH "Occupational Exposure")	11,156
S35 TI (work OR worker OR workers OR working OR workplace* OR job OR jobs OR occupation OR occupations OR occupational OR employee OR employees) OR AB (work OR worker OR workers OR working OR workplace* OR job OR jobs OR occupation OR occupations OR occupational OR employee OR employees)	228,467
S34 (MH "Named Groups by Occupation+")	403,340
S33 (MH "Occupations and Professions")	2,526
S32 S28 OR S31	29,924
S31 S29 AND S30	24,630
S30 TI hands OR AB hands	27,096
S29 TI hand OR AB hand	29,547
S28 (MH "Hand+")	7,864
S27 S21 OR S22 OR S23 OR S26	3,226
S26 S24 AND S25	870
S25 TI dermatit* OR AB dermatit*	2,289
S24 TI atopic OR AB atopic	1,885
S23 TI eczema* OR AB eczema*	1,351
S22 (MH "Dermatitis, Atopic")	1,414
S21 (MH "Eczema")	1,296
S19 S13 OR S14 OR S15 OR S16 OR S17 OR S18	584,447
S18 (MH "Work Environment")	17,720
S17 (MH "Occupational Diseases")	6,092
S16 (MH "Occupational Exposure")	11,156
S15 TI (work OR worker OR workers OR working OR workplace* OR job OR jobs OR occupation OR occupations OR occupational OR employee OR employees) OR AB (work OR worker OR workers OR working OR workplace* OR job OR jobs OR occupation OR occupations OR occupational OR employee OR employees)	228,467
S14 (MH "Named Groups by Occupation+")	403,340
S13 (MH "Occupations and Professions")	2,526
S12 S8 OR S11	29,924
S11 S9 AND S10	24,630
S10 TI hands OR AB hands	27,096
S9 TI hand OR AB hand	29,547
S8 (MH "Hand+")	7,864
S7 S1 OR S2 OR S3 OR S6	3,226
S6 S4 AND S5	870
S5 TI dermatit* OR AB dermatit*	2,289
S4 TI atopic OR AB atopic	1,885
S3 TI eczema* OR AB eczema*	1,351
S2 (MH "Dermatitis, Atopic")	1,414
S1 (MH "Eczema")	1,296

Table SI. Contd.

Search ID#and search terms	Result
Cochrane	
#1 Mesh descriptor: [Eczema] this term only	438
#2 Mesh descriptor: [Dermatitis, Atopic] this term only	1,134
#3 Eczema*	2,285
#4 Atopic and dermatit*	2,447
#5 #1 or #2 or #3 or #4	4,007
#6 Mesh descriptor: [hand] explode all trees	2,314
#7 Hand or hands	22,008
#8 #6 or #7	22,618
#9 Mesh descriptor: [Occupations] explode all trees	164
#10 Mesh descriptor: [Occupational Groups] explode all trees	8,326
#11 Work or worker or workers or working or workplace* or job or jobs or occupations or occupations or occupational or employee or employees	50,267
#12 Mesh descriptor: [Occupational Exposure] this term only	502
#13 Mesh descriptor: [Maximum Allowable Concentration] this term only	25
#14 Mesh descriptor: [Threshold Limit Values] this term only	5
#15 Mesh descriptor: [Occupational Diseases] explode all trees	1,341
#16 #9 or #10 or #11 or #12 #13 or #14 or #15	56,675
#17 #5 or #8 or #16	180
PubMed	
((((("Eczema"[Mesh:NoExp]) OR "Dermatitis, Atopic"[Mesh]) OR eczema*[Title/Abstract]) OR atopic dermatit*[Title/Abstract]) OR ((atopic[Title/Abstract]) AND dermatit*[Title/Abstract]))) AND (("Hand"[Mesh]) OR ((hand[Title/Abstract]) OR hands[Title/Abstract]))) AND (((("Occupations"[Mesh]) OR "Occupational Groups"[Mesh]) OR (((((((work[Title/Abstract]) OR worker[Title/Abstract]) OR workers[Title/Abstract]) OR workplace*[Title/Abstract]) OR job[Title/Abstract]) OR jobs[Title/Abstract]) OR occupation[Title/Abstract]) OR occupations[Title/Abstract]) OR occupational[Title/Abstract]) OR employee[Title/Abstract]) OR employees[Title/Abstract]) OR working[Title/Abstract]) OR "Occupational Diseases"[Mesh]) OR (((("Maximum Allowable Concentration"[Mesh]) OR "Threshold Limit Values"[Mesh]) OR "Occupational Exposure"[Mesh:NoExp]))	