

TOOL 1: Generic literature review strategies

No.	Search terms	Results	NEED framework criteria	NEED framework indicators
1	Life Expectancy/	20367	Impact on life expectancy	1) Years of life lost per case 2) Years of life lost per death
2	Mortality/	51660		
3	life expectancy.ti,kf.	6978		
4	mortality.ti,kf.	238522		
5	death*.ti,kf.	208947		
6	("Years of life lost" or "yll").ab,ti,kf.	3152		
7	Quality of Life/	310906	Impact on general health-related quality of life	1) Years of life lived with disability per case 2) EQ-5D-5Lscore
8	Disability-Adjusted Life Years/	1805		
9	Patient Reported Outcome Measures/	19583		
10	Patient Health Questionnaire/	1109		
11	(quality adj2 life).ti,kf. or hrqol.ab,ti,kf.	148984		
12	disability.ti,kf.	62039		
13	EQ-5D*.ab,ti,kf.	15922		
14	DALYs.ab,ti,kf.	6091		
15	Patient Reported Outcome?.ti,kf.	25540		
16	Pain/	162215	Impact on physical health	1) Experienced burden of physical symptoms related to the health condition 2) Pain/discomfort before vs today
17	pain?.ab,ti,kf.	907193		
18	ache?.ab,ti,kf.	25319		
19	physical health.ti,kf.	5560		
20	physical symptom?.ti,kf.	1255		
21	Mental Health/	74692	Impact on psychological health	

No.	Search terms	Results	NEED framework criteria	NEED framework indicators
22	Depression/	173669	Impact on autonomy	1) Experienced burden of psychological symptoms related to the health condition 2) Anxiety/depression before vs today
23	Anxiety/	124093		
24	Stress, Psychological/	144638		
25	psychological health.ti,kf.	2057		
26	Mental Health.ti,kf.	137783		
27	Depression.ti,kf.	200101		
28	(anxiety* or anxiousness or nervousness or angst or hypervigilance).ti,kf.	114580		
29	(stress or stressful).ti,kf.	472685		
30	psychological symptom?.ti,kf.	2923		
31	Personal Autonomy/	19352		
32	Mobility Limitation/	5649	Impact on sexual and reproductive health	1) Mobility before disease vs today 2) Self-care before disease vs today 3) Usual activities before disease vs today
33	Activities of Daily Living/	77532		
34	autonomy.ti,kf.	11028		
35	((mobility or ambulat* or walking) adj2 (difficult* or limit* or struggle or reduced or impair* or decreas* or restrict*)).ti,kf.	2712		
36	"Daily Living Activit*".ti,kf.	240		
37	self-care.ti,kf.	9952		
38	usual activit*.ti,kf.	28		
39	sexual health/	3627		
40	reproductive health/	6280		
41	sexual health.ti,kf.	7974		
42	reproductive health.ti,kf.	12146		

No.	Search terms	Results	NEED framework criteria	NEED framework indicators
43	Comparative Effectiveness Research/	4154	Treatment effectiveness	Effectiveness of current overall treatment (standard of care)
44	Treatment Outcome/	1268722		
45	((treatment or clinical or therap* or rehabilitation) adj2 (effectiveness or outcome or efficacy)).ti,kf.	67321		
46	treatment burden.ti,kf.	446	Burden of treatment	1) Experienced burden of treatment
47	treatment side-effects.ti,kf.	144		2) Experienced burden of treatment side-effects
48	Quality of Health Care/	79866	Quality of care	1) Received information
49	Access to Information/	7263		2) Involvement in treatment decisions
50	Patient Participation/	31398		3) Appropriateness of diagnostic timing
51	Delayed Diagnosis/	9306		4) Coordination and continuity of care
52	Continuity of Patient Care/	21525		5) Time from first presentation to diagnosis
53	Patient-Centered Care/	25221		
54	patient information.ti,kf.	2696		
55	Quality of Care.ti,kf.	15881		
56	patient involvement.ti,kf.	1625		
57	((early adj2 diagnos*) or (delay* adj2 diagnos*)).ti,kf.	30635		
58	((care or treatment) adj2 (continuity or continuum or coordination or access)).ti,kf.	16247		
59	treatment follow-up.ti,kf.	286		
60	Early diagnosis/	32421		
61	Screening.ti,kf	258805		

No.	Search terms	Results	NEED framework criteria	NEED framework indicators
62	Mass Screening/	122830		
63	(early ADJ2 detection).ti,kf.	21885		
64	Health Services Accessibility/	95069	Access to care	1) Treatment availability
65	treatment availabilit*.ti,kf.	35		2) Foregone care
66	foregone care.ti,kf.	16		
67	(unmet adj2 need*).ab,ti,kf.	41207		
68	Evidence Gaps/	327	Scientific research	Research gaps
69	research gap?.ti,kf.	597		
70	Social Support/	85829	Impact on social life	1) Foregone social support
71	Interpersonal Relations/	80142		2) Impact on personal relationships
72	social support?.ti,kf.	20844		
73	(social adj1 (relationship? or connection?)).ti,kf.	2194		
74	Employment/	53029	Impact on work	Reduction in working time
75	Working Conditions/	706		
76	((workplace or working or work) adj2 (condition? or environment? or time)).ab,ti,kf.	63033		
77	Educational Measurement/	44530	Impact on education	Impact on education
78	education*.ti,kf.	300163		
79	Cost Sharing/	2836	Financial consequences	1) Out-of-pocket healthcare costs (per patient)
80	Health Expenditures/	25892		2) Perceived financial difficulties related to the health condition
81	Financial Stress/	1590		
82	Financing, Personal/	5995		

No.	Search terms	Results	NEED framework criteria	NEED framework indicators
83	financ*.ti,kf.	33879		3) Non healthcare costs
84	cost*.ti,kf.	185588		
85	"Health Expenditur*".ti,kf.	2312		
86	*Life Expectancy/ or *Mortality/ or *Quality of Life/ or *Disability-Adjusted Life Years/ or *Patient Reported Outcome Measures/ or *Patient Health Questionnaire/ or *Pain/ or *Mental Health/ or *Depression/ or *Anxiety/ or *Stress, Psychological/ or *Personal Autonomy/ or *Mobility Limitation/ or *Activities of Daily Living/ or *sexual health/ or *reproductive health/ or *Comparative Effectiveness Research/ or *Treatment Outcome/ or *Quality of Health Care/ or *Access to Information/ or *Patient Participation/ or *Delayed Diagnosis/ or *Mass Screening/ or *Continuity of Patient Care/ or *Patient- Centered Care/ or *Early diagnosis/ or *Health Services Accessibility/ or *Evidence Gaps/ or *Social Support/ or *Interpersonal Relations/ or *Employment/ or *Working Conditions/ or *Educational Measurement/ or *Cost Sharing/ or *Health Expenditures/ or *Financial Stress/ or *Financing, Personal/	852518	Combining all MeSH Terms with a focus option	

No.	Search terms	Results	NEED framework criteria	NEED framework indicators
87	1 or 2 or 7 or 8 or 9 or 10 or 16 or 21 or 22 or 23 or 24 or 31 or 32 or 33 or 39 or 40 or 43 or 44 or 48 or 49 or 50 or 51 or 52 or 53 or 60 or 62 or 64 or 68 or 70 or 71 or 74 or 75 or 77 or 79 or 80 or 81 or 82	2786945	Combining all MeSH Terms	
88	3 or 4 or 5 or 6 or 11 or 12 or 13 or 14 or 15 or 17 or 18 or 19 or 20 or 25 or 26 or 27 or 28 or 29 or 30 or 34 or 35 or 36 or 37 or 38 or 41 or 42 or 45 or 46 or 47 or 54 or 55 or 56 or 57 or 58 or 59 or 61 or 63 or 65 or 66 or 67 or 69 or 72 or 73 or 76 or 78 or 83 or 84 or 85	3112377	Combining all non MeSH Terms	
89	86 or 88	5029712	Results for Patient criteria with focus option for all MeSH Terms	
90	87 or 88	3505834	Results for Patient criteria	
91	Prevalence/	378052	Frequency	Prevalence or incidence
92	Incidence/	325584		
93	frequency.ti,kf.	136044		
94	incidence.ti,kf.	146127		
95	prevalence.ti,kf.	210127		
96	Basic Reproduction Number/	2243	Transmissibility	Contagiousness
97	(reproduction adj1 (number or ratio or rate)).ti,kf.	1992		
98	transmissibility.ti,kf.	1300		
99	contagio*.ti,kf.	6321		
100	infectious*.ti,kf.	91414		

No.	Search terms	Results	NEED framework criteria	NEED framework indicators
101	Caregiver Burden/	1129	1)Burden on informal caregivers' health	1) Impact on informal caregivers' health
102	Caregivers/	59051		2) Burden on informal caregiver's social life
103	caregiv*.ti,kf.	43914	2) Burden on informal caregivers' social life	3) Informal caregiving time burden
104	carer*.ti,kf.	6571	3) Productivity losses	
105	Cost-Benefit Analysis/	98867	Value for money of standard of care	1) Healthcare costs relative to the effectiveness of standard of care
106	Cost-Effectiveness Analysis/	1546		
107	cost-effectiveness.ti,kf.	36227		
108	((cost or benefit or economic or marginal) adj2 (analysis or evaluation)).ti,kf.	35264		
109	"value for money".ti,kf.	363		
110	Health care cost/	46752		
111	"health care cost*".ti,kf.	4368		
112	Primary Prevention/	20553	Preventability	Implementation of effective primary prevention strategies
113	"primary prevention".ti,kf.	8658		
114	preventab*.ti,kf.	6065		
115	"Cost of Illness"/	35288	Productivity losses	1) Absenteeism of patients
116	Absenteeism/	10184		2) Presenteeism of patients
117	Presenteeism/	778		3) Early labor force exits or work reduction of patients
118	absenteeism.ti,kf.	2639		
119	presenteeism.ti,kf.	1111		
120	"productivity loss*".ti,kf.	694		
121	"cost of illness".ti,kf.	1917		
122	"economic burden".ti,kf.	4338		

No.	Search terms	Results	NEED framework criteria	NEED framework indicators
123	Air Pollution/	45286	Environmental impact of standard of care	1) Greenhouse gas emissions related to the standard of care 2) Hazardous waste related to standard of care 3) Use of natural resources and raw materials related to standard of care
124	"Environmental Restoration and Remediation"/	10914		
125	Waste Products/	6791		
126	Water Pollution/	14852		
127	Greenhouse Gases/	3732		
128	Carbon Footprint/	1669		
129	Natural Resources/	645		
130	"air pollution?".ti,kf.	28397		
131	"environmental impact?".ti,kf.	5610		
132	"greenhouse gas".ti,kf.	4842		
133	"hazardous waste".ti,kf.	984		
134	"natural resource?".ti,kf.	3064		
135	"raw material?".ti,kf.	2218		
136	"waste product?".ti,kf.	271		
137	"water pollution?".ti,kf.	2959		
138	"carbon footprint?".ti,kf.	1909		
139	130 or 131 or 132 or 133 or 134 or 135 or 136 or 137 or 138	49373		
140	care.ti,kf.	856128		
141	139 and 140	531		
142	91 or 92 or 96 or 101 or 102 or 105 or 106 or 110 or 112 or 115 or 116 or 117 or	989256	Combining all MeSH Terms	

No.	Search terms	Results	NEED framework criteria	NEED framework indicators
	123 or 124 or 125 or 126 or 127 or 128 or 129			
143	93 or 94 or 95 or 97 or 98 or 99 or 100 or 103 or 104 or 107 or 108 or 109 or 111 or 113 or 114 or 118 or 119 or 120 or 121 or 122 or 130 or 131 or 132 or 133 or 134 or 135 or 136 or 137 or 138	767060	Combining all non-MeSH Terms	
144	*Prevalence/ or *Incidence/ or *Basic Reproduction Number/ or *Caregiver Burden/ or *Caregivers/ or *Cost-Benefit Analysis/ or *Cost-Effectiveness Analysis/ or *Primary Prevention/ or *"Cost of Illness"/ or *"Health care cost"/ or *Absenteeism/ or *Presenteeism/ or *Air Pollution/ or *"Environmental Restoration and Remediation"/ or *Waste Products/ or *Water Pollution/ or *Greenhouse Gases/ or *Carbon Footprint/ or *Natural Resources/	159883	Combining all MeSH Terms with a focus option	
145	143 or 142	1423913	Results for Societal criteria	
146	143 or 144	854317	Results for Societal criteria with focus option for all MeSH Terms	
147	93 or 94 or 95 or 97 or 98 or 99 or 100 or 103 or 104 or 107 or 108 or 109 or 111 or 113 or 114 or 118 or 119 or 120 or 121 or 122 or 141	719120	Combining all non-MeSH Terms using terms related to the environment AND care	
148	147 or 142	1398928	Results for Societal criteria using terms related to the environment AND care	

No.	Search terms	Results	NEED framework criteria	NEED framework indicators
149	147 or 144	826909	Results for Societal criteria with focus option for all MeSH Terms using terms related to the environment AND care	
150	Forecasting/	94312	Forecasted burden of disease	Forecasted prevalence (or incidence)
151	frequency.ab,ti,kf	1084849		
152	incidence.ab,ti,kf	1043084		
153	prevalence.ab,ti,kf.	927810		
154	predict*.ab,ti,kf	2423159		
155	projection?.ab,ti,kf.	122415		
156	model?ing.ab,ti,kf.	526822		
157	trend?.ab,ti,kf	602692		
158	(154 or 155 or 156) and 157	82700		
159	forecast*.ab,ti,kf.	39205		
160	trends.fs.	435239		
161	158 or 159 or 160	545984		
162	(151 or 152 or 153) and 161	53693		
163	Disability-Adjusted Life Years/td	236	1) Forecasted years of life lost	1) Forecasted years of life lost
164	Life expectancy/td	2716	2) Forecast years lived with disability	2) Forecast years lived with disability
165	Mortality/td	12475		
166	disability.ab,ti,kf.	243544		
167	DALYs.ab,ti,kf.	6091		
168	"Years of life Lost".ab,ti,kf.	3041		
169	death*.ab,ti,kf.	1172946		
170	mortality.ab,ti,kf.	1152849		
171	"life expectancy".ab,ti,kf.	44419		

No.	Search terms	Results	NEED framework criteria	NEED framework indicators
172	burden.ab,ti,kf.	376538		
173	166 or 167 or 168 or 169 or 170 or 171 or 172	2587175		
174	173 and 161	86211		
175	Health Care Costs/td	3109	1) Forecasted healthcare cost	1) Forecasted healthcare cost attributable to the health condition
176	Health Expenditures/td	3862	2) Forecasted productivity losses	2) Forecasted productivity losses attributable to the health condition
177	expenditur*.ab,ti,kf.	77918		
178	absenteeism.ab,ti,kf.	8561		
179	presenteeism.ab,ti,kf.	2352		
180	"productivity loss*".ab,ti,kf.	3805		
181	cost*.ab,ti,kf.	927003		
182	economic*.ab,ti,kf.	464247		
183	177 or 178 or 179 or 180 or 181 or 182	1339523		
184	183 and 161	48522		
185	163 or 164 or 165 or 175 or 176	21174		
186	limit 185 to last 5 years	3581		
187	*Disability-Adjusted Life Years/td or *Life expectancy/td or *Mortality/td or *Health Care Costs/td or *Health Expenditures/td	11656		
188	limit 187 to last 5 years	1863		
189	*Forecasting/	11287		
190	150 or 186	97694	Combining all MESH	
191	188 or 189	13139	Combining all MESH with focus option	
192	162 or 174 or 184	153484	Combining all non-MESH	

No.	Search terms	Results	NEED framework criteria	NEED framework indicators
193	190 or 192	237819	Results for Future criteria	
194	191 or 192	162977	Results for Future criteria with focus option	
195	Health Services Needs and Demand/	56540	Terms related to needs	
196	need*.ti,kf.	210504		
197	impact*.ti,kf.	468079		
198	Needs Assessment/	33731		
199	(needs adj2 (assessment? or determination)).ab,ti,kf.	12295		
200	burden.ti,kf.	64184		
201	195 or 198	88221	Combining all MESH	
202	*"Health Services Needs and Demand"/ or *Needs Assessment/	33473	Combining all MESH with focus option	
203	196 or 197 or 199 or 200	742173	Combining all non-MESH	
204	201 or 203	802496	Results for NEEDS	
205	202 or 203	757152	Results for NEEDS with focus option for all MESH Terms	
206	204 and (90 or 145 or 193)	292350	Results for (Needs AND (Patient criteria OR Societal criteria OR Future criteria))	
207	205 and (89 or 146 or 194)	203444	Results for (Needs AND (Patient criteria OR Societal criteria OR Future criteria)) with focus option for all MeSH Terms	

COLOPHON

Title: TOOL 1 : Generic literature review strategies – Supplement

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