

Supplemental material 1: Search strategies and Databases searched

1. Ovid MEDLINE(R) and Epub Ahead of Print, In-Process, In-Data-Review & Other Non-Indexed Citations, Daily and Versions(R) <1946 to March 15, 2021> Searched 16th March 2021

- 1 Health Workforce/og, st, sn, sd, td or Workforce/og, st, sn, td or Health Personnel/og, st, sn, td (13003)
- 2 exp Personnel Management/mt, og, px, st, sn, td (52978)
- 3 ((health or "health care" or healthcare) adj (workforce or worker* or provider* or personnel or staff or employee* or professionals or "human resource*" or "human labour" or "human labor" or ((labour or labor) adj (force or market* or supply)) or manpower or staffing)).ti,ab,kw. (142951)
- 4 or/1-3 (202068)
- 5 organizational policy/ (14297)
- 6 ((administrati* or organisation* or organization* or management) adj3 (policy or policies or objective* or decision*)).ti,ab,kw. (15880)
- 7 strategic planning/ (209)
- 8 (strategic adj2 (plan* or priorit*)).ti,ab,kw. (6598)
- 9 benchmarking/ or total quality management/ or quality improvement/ or "standard of care"/ (54543)
- 10 (benchmark* or "bench mark*").ti,ab,kw. (45946)
- 11 employee performance appraisal/ or personnel selection/ or job satisfaction/ or personnel turnover/ or burnout, professional/ or career mobility/ or resilience, psychological/ or work engagement/ or work performance/ or leadership/ (109109)
- 12 professional competence/ or clinical competence/ (119665)
- 13 capacity building/ or decision making, organizational/ or management audit/ or "personnel staffing and scheduling information systems"/ or organizational objectives/ or organizational culture/ or organizational innovation/ or efficiency, organizational/ (89804)
- 14 credentialing/ or "facility regulation and control"/ or government regulation/ or mandatory programs/ (31088)
- 15 (((staff or employee* or personnel or "human resource*" or workforce or manpower) adj2 (turnover or retention or recruit* or burnout or wellbeing or "well being" or motivat* or resilient* or mobility or commitment or empowerment)) or ((job or employment or career or vocation*) adj2 satisfaction) or professionalism or (capacity adj2 build*) or credential* or "quality of working life").ti,ab,kw. (37135)
- 16 or/5-15 (452731)
- 17 (framework* or performance or structur* or "amo model" or (abilit* adj motivat* adj opportunit*) or indicator* or strategic or intervention* or paradigm* or challeng* or context* or concept* or redefin* or "best practice*" or "high commitment" or "building block*" or bundl* or magnet or theor* or model*).ti,ab,kw. (8322201)
- 18 Management Information Systems/mt, og, st, sn, sd, td or Total Quality Management/mt, og, st, sn, td (7672)
- 19 "Outcome and Process Assessment, Health Care"/mt, og, st, sn, td or Process Assessment, Health Care/mt, og, st, sn, td (7539)
- 20 or/17-19 (8330032)
- 21 "Democratic People's Republic of Korea"/ (245)
- 22 (North Korea or (Democratic People* Republic adj2 Korea)).ti,ab. (443)
- 23 21 or 22 [LOW INCOME COUNTRIES IN EAST ASIA AND THE PACIFIC] (558)
- 24 Haiti/ (3252)
- 25 (Haiti or Hayti).ti,ab. (3137)
- 26 24 or 25 [LOW INCOME COUNTRIES IN LATIN AMERICA AND THE CARIBBEAN] (4264)
- 27 Syria/ (1951)
- 28 (Syria or Syrian Arab Republic).ti,ab. (2117)
- 29 Yemen/ (1421)
- 30 Yemen.ti,ab. (1903)
- 31 or/27-30 [LOW INCOME COUNTRIES IN MIDDLE EAST AND NORTH AFRICA] (5349)
- 32 Tajikistan/ (757)
- 33 Tajikistan.ti,ab. (623)
- 34 or/32-33 [LOW INCOME COUNTRIES IN EUROPE AND CENTRAL ASIA] (1073)
- 35 Afghanistan/ (3301)
- 36 Afghanistan.ti,ab. (6068)
- 37 Nepal/ (8654)
- 38 Nepal.ti,ab. (10438)
- 39 or/35-38 [LOW INCOME COUNTRIES IN SOUTH ASIA] (19446)
- 40 Benin/ (1625)

- 41 (Benin or Dahomey).ti,ab. (3553)
- 42 Burkina Faso/ (3334)
- 43 (Burkina Faso or Burkina Fasso or Upper Volta).ti,ab. (4393)
- 44 Burundi/ (652)
- 45 (Burundi or Ruanda-Urundi).ti,ab. (933)
- 46 Central African Republic/ (787)
- 47 (Central African Republic or Ubangi-Shari).ti,ab. (1043)
- 48 Chad/ (738)
- 49 Chad.ti,ab. (1215)
- 50 "Democratic Republic of the Congo"/ (4357)
- 51 ((Democratic Republic or DR) adj2 Congo) or Congo-Kinshasa or Belgian Congo or Zaire or Congo Free State).ti,ab. (4696)
- 52 Eritrea/ (362)
- 53 Eritrea.ti,ab. (576)
- 54 Ethiopia/ (13782)
- 55 (Ethiopia or Abyssinia).ti,ab. (17784)
- 56 Gambia/ (2455)
- 57 Gambia.ti,ab. (2370)
- 58 Guinea/ (1092)
- 59 (Guinea not (New Guinea or Guinea Pig* or Guinea Fowl or Guinea-Bissau or Portuguese Guinea or Equatorial Guinea)).ti,ab. (2773)
- 60 Guinea-Bissau/ (960)
- 61 (Guinea-Bissau or Portuguese Guinea).ti,ab. (1066)
- 62 Liberia/ (1231)
- 63 Liberia.ti,ab. (1600)
- 64 Madagascar/ (3536)
- 65 (Madagascar or Malagasy Republic).ti,ab. (4945)
- 66 Malawi/ (5583)
- 67 (Malawi or Nyasaland).ti,ab. (7319)
- 68 Mali/ (2406)
- 69 Mali.ti,ab. (3629)
- 70 Mozambique/ (2538)
- 71 (Mozambique or Mocambique or Portuguese East Africa).ti,ab. (3780)
- 72 Niger/ (1230)
- 73 (Niger not (Aspergillus or Peptococcus or Schizothorax or Cruciferae or Gobius or Lasius or Agelastes or Melanosuchus or radish or Parastromateus or Orius or Apergillus or Parastromateus or Stomoxys)).ti,ab. (3553)
- 74 Rwanda/ (2544)
- 75 (Rwanda or Ruanda).ti,ab. (3236)
- 76 Sierra Leone/ (1598)
- 77 (Sierra Leone or Salone).ti,ab. (2354)
- 78 Somalia/ (1634)
- 79 (Somalia or Somaliland).ti,ab. (1550)
- 80 South Sudan/ (170)
- 81 South Sudan.ti,ab. (572)
- 82 Tanzania/ (11790)
- 83 (Tanzania or Tanganyika or Zanzibar).ti,ab. (14178)
- 84 Togo/ (1173)
- 85 (Togo or Togolese Republic or Togoland).ti,ab. (1531)
- 86 Uganda/ (12658)
- 87 Uganda.ti,ab. (15036)
- 88 or/40-87 [LOW INCOME COUNTRIES IN SUB-SAHARAN AFRICA] (108193)
- 89 (developing country or developing countries or developing nation? or developing population? or developing world or less developed countr* or less developed nation? or less developed population? or less developed world or lesser developed countr* or lesser developed nation? or lesser developed population? or lesser developed world or under developed countr* or under developed nation? or under developed world or underdeveloped countr* or underdeveloped nation? or underdeveloped population? or underdeveloped world or low income countr* or low income nation? or low income population? or low income countr* or low income nation? or lower income population? or underserved countr* or rural area* or underserved nation? or under served countr* or under served nation? or deprived countr* or deprived nation? or poor countr* or poor nation? or poorer countr* or poorer nation? or poorer world or developing econom* or less developed econom* or lesser

developed econom* or under developed econom* or underdeveloped econom* or low income econom* or lower income econom* or low gdp or low gnp or low gross domestic or low gross national or lower gdp or lower gnp or lower gross domestic or lower gross national or lic or lics or third world or li countr* or transitional countr* or emerging economies or emerging nation?).ti,ab,sh,kf. (188286)

90 Kyrgyzstan/ (1310)

91 (Kyrgyzstan or Kyrgyz Republic or Kirghizia or Kirghiz).ti,ab. (1033)

92 Moldova/ (705)

93 Moldova.ti,ab. (544)

94 Ukraine/ (16142)

95 Ukraine.ti,ab. (4973)

96 Uzbekistan/ (1915)

97 Uzbekistan.ti,ab. (1159)

98 or/90-97 [LOWER MIDDLE INCOME COUNTRIES IN EUROPE AND CENTRAL ASIA] (22477)

99 Bolivia/ (2637)

100 Bolivia.ti,ab. (3371)

101 El Salvador/ (892)

102 El Salvador.ti,ab. (1293)

103 Honduras/ (1157)

104 Honduras.ti,ab. (1831)

105 Nicaragua/ (1522)

106 Nicaragua.ti,ab. (1923)

107 or/99-106 [LOWER MIDDLE INCOME COUNTRIES IN LATIN AMERICA AND CARIBBEAN] (9319)

108 Djibouti/ (234)

109 (Djibouti or French Somaliland).ti,ab. (395)

110 Egypt/ (15241)

111 Egypt.ti,ab. (14758)

112 Morocco/ (5893)

113 Morocco.ti,ab. (5870)

114 Tunisia/ (8547)

115 Tunisia.mp. (10781)

116 (Gaza or West Bank or Palestine).ti,ab. (2580)

117 or/108-116 [LOWER MIDDLE INCOME COUNTRIES IN MIDDLE EAST AND NORTH AFRICA] (42907)

118 Bangladesh/ (11634)

119 Bangladesh.ti,ab. (14409)

120 Bhutan/ (515)

121 Bhutan.ti,ab. (816)

122 exp India/ (106419)

123 India.ti,ab. (103892)

124 Pakistan/ (18494)

125 Pakistan.ti,ab. (19646)

126 or/118-125 [LOWER MIDDLE INCOME COUNTRIES IN SOUTH ASIA] (192689)

127 Angola/ (1035)

128 Angola.ti,ab. (1471)

129 Cameroon/ (5683)

130 (Cameroon or Kamerun or Cameroun).ti,ab. (7233)

131 Cape Verde/ (213)

132 (Cape Verde or Cabo Verde).ti,ab. (634)

133 Comoros/ (320)

134 (Comoros or Glorioso Islands or Mayotte).ti,ab. (590)

135 Congo/ (1892)

136 (Congo not ((Democratic Republic adj3 Congo) or congo red or crimean-congo)).ti,ab. (2669)

137 Cote d'Ivoire/ (3205)

138 (Cote d'Ivoire or Cote d'Ivoire or Ivory Coast).ti,ab. (3937)

139 Eswatini/ (616)

140 (eSwatini or Swaziland).ti,ab. (964)

141 Ghana/ (8672)

142 (Ghana or Gold Coast).ti,ab. (11542)

143 Kenya/ (16664)

- 144 (Kenya or East Africa Protectorate).ti,ab. (18815)
 145 Lesotho/ (443)
 146 (Lesotho or Basutoland).ti,ab. (738)
 147 Mauritania/ (458)
 148 Mauritania.ti,ab. (647)
 149 Nigeria/ (29514)
 150 Nigeria.ti,ab. (29898)
 151 (Sao Tome adj2 Principe).ti,ab. (153)
 152 Senegal/ (5830)
 153 Senegal.ti,ab. (5812)
 154 Sudan/ (4781)
 155 (Sudan not South Sudan).ti,ab. (7600)
 156 Zambia/ (4713)
 157 (Zambia or Northern Rhodesia).ti,ab. (5507)
 158 Zimbabwe/ (5946)
 159 (Zimbabwe or Southern Rhodesia).ti,ab. (5879)
 160 or/127-159 [LOWER MIDDLE INCOME COUNTRIES IN SUB-SAHARAN AFRICA] (120983)
 161 or/21-126 (540778)
162 4 and 16 and 20 and 161 (1904)
 163 limit 162 to yr="1860 - 1999" (124)
 164 limit 162 to yr="2000 - 2015" (910)
 165 limit 162 to yr="2016 -Current" (870)

2. Embase Classic+Embase (Ovid) <1947 to 2021 March 15> Searched 16th March 2021

- 1 ((health or "health care" or healthcare) adj (workforce or worker* or provider* or personnel or staff or employee* or professionals or "human resource*" or "human labour" or "human labor" or ((labour or labor) adj (force or market* or supply)) or manpower or staffing)).ti,ab,kw. (194380)
 2 health workforce/ or health care personnel/ or workforce/ (184200)
 3 health care personnel management/ or personnel management/ or hospital personnel management/ (61439)
 4 or/1-3 (378892)
 5 ((administrati* or organisation* or organization* or management) adj3 (policy or policies or objective* or decision*)).ti,ab,kw. (24690)
 6 organizational policy/ (1513)
 7 strategic planning/ (5653)
 8 (strategic adj2 (plan* or priorit*)).ti,ab,kw. (8509)
 9 quality control/ or total quality management/ or benchmarking/ (265634)
 10 (benchmark* or "bench mark*").ti,ab,kw. (56220)
 11 job performance/ or job satisfaction/ or job satisfaction assessment/ or personnel shortage/ or professional burnout/ or career mobility/ or psychological resilience/ or leadership/ or professional competence/ or clinical competence/ or nursing competence/ or capacity building/ or decision making/ or organizational efficiency/ or information system/ or accreditation/ or professional standard/ or government regulation/ (592063)
 12 (((staff or employee* or personnel or "human resource*" or workforce or manpower) adj2 (turnover or retention or recruit* or burnout or wellbeing or "well being" or motivat* or resilien* or mobility or commitment or empowerment)) or ((job or employment or career or vocation*) adj2 satisfaction) or professionalism or (capacity adj2 build* or credential* or "quality of working life").ti,ab,kw. (47832)
 13 or/5-12 (930626)
 14 (framework* or performance or structur* or "amo model" or (abilit* adj motivat* adj opportunit*) or indicator* or strategic or intervention* or paradigm* or challeng* or context* or concept* or redefin* or "best practice*" or "high commitment" or "building block*" or bundl* or magnet or theor* or model*).ti,ab,kw. (10502370)
 15 conceptual framework/ or theory/ or conceptual model/ (59898)
 16 or/14-15 (10510752)
 17 developing country/ or low income country/ (105485)
 18 ((developing or less* developed or under developed or underdeveloped or low* income) adj (economy or economies)).ti,ab. (719)
 19 ((developing or less* developed or under developed or underdeveloped or low* income or underserved or under served or deprived or poor*) adj (count* or nation? or population? or world)).ti,ab. (116358)
 20 (low* adj (gdp or gnp or gross domestic or gross national)).ti,ab. (391)
 21 transitional countr*.ti,ab. (238)

- 22 (third world or global south).ti,ab. (4145)
- 23 North Korea/ (611)
- 24 (North Korea or (Democratic People* Republic adj2 Korea)).ti,ab. (502)
- 25 Haiti/ (4444)
- 26 (Haiti or Hayti).ti,ab. (4035)
- 27 Afghanistan/ (6280)
- 28 Afghanistan.ti,ab. (7352)
- 29 Nepal/ (12997)
- 30 Nepal.ti,ab. (12753)
- 31 Syrian Arab Republic/ (2904)
- 32 (Syria or Syrian Arab Republic).ti,ab. (2669)
- 33 Yemen/ (2189)
- 34 Yemen.ti,ab. (2263)
- 35 Tajikistan/ (1031)
- 36 Tajikistan.ti,ab. (772)
- 37 Benin/ (2721)
- 38 (Benin or Dahomey).ti,ab. (5001)
- 39 Burkina Faso/ (4617)
- 40 (Burkina Faso or Burkina Fasso or Upper Volta).ti,ab. (5311)
- 41 Burundi/ (932)
- 42 (Burundi or Ruanda-Urundi).ti,ab. (1058)
- 43 Central African Republic/ (970)
- 44 (Central African Republic or Ubangi-Shari).ti,ab. (1161)
- 45 Chad/ (1035)
- 46 Chad.ti,ab. (1547)
- 47 Democratic Republic Congo/ (4533)
- 48 (((Democratic Republic or DR) adj2 Congo) or Congo-Kinshasa or Belgian Congo or Zaire or Congo Free State).ti,ab. (5592)
- 49 Eritrea/ (622)
- 50 Eritrea.ti,ab. (714)
- 51 Ethiopia/ (19738)
- 52 (Ethiopia or Abyssinia).ti,ab. (19228)
- 53 Gambia/ (2947)
- 54 Gambia.ti,ab. (2688)
- 55 Guinea/ (2878)
- 56 (Guinea not (New Guinea or Guinea Pig* or Guinea Fowl or Guinea-Bissau or Portuguese Guinea or Equatorial Guinea)).ti,ab. (3328)
- 57 Guinea-Bissau/ (1146)
- 58 (Guinea-Bissau or Portuguese Guinea).ti,ab. (1186)
- 59 Liberia/ (1886)
- 60 Liberia.ti,ab. (1902)
- 61 Madagascar/ (4894)
- 62 (Madagascar or Malagasy Republic).ti,ab. (5625)
- 63 Malawi/ (8157)
- 64 (Malawi or Nyasaland).ti,ab. (8600)
- 65 Mali/ (3732)
- 66 Mali.ti,ab. (4618)
- 67 Mozambique/ (4098)
- 68 (Mozambique or Mocambique or Portuguese East Africa).ti,ab. (4452)
- 69 Niger/ (2638)
- 70 (Niger not (Aspergillus or Peptococcus or Schizothorax or Cruciferae or Gobius or Lasius or Agelastes or Melanosuchus or radish or Parastromateus or Orius or Apergillus or Parastromateus or Stomoxys)).ti,ab. (4496)
- 71 Rwanda/ (3990)
- 72 (Rwanda or Ruanda).ti,ab. (3967)
- 73 Sierra Leone/ (2580)
- 74 (Sierra Leone or Salone).ti,ab. (2734)
- 75 Somalia/ (2119)
- 76 (Somalia or Somaliland).ti,ab. (1741)
- 77 south sudan/ (334)
- 78 South Sudan.ti,ab. (667)

- 79 Tanzania/ (16576)
- 80 (Tanzania or Tanganyika or Zanzibar).ti,ab. (16796)
- 81 Togo/ (1565)
- 82 (Togo or Togolese Republic or Togoland).ti,ab. (1800)
- 83 Uganda/ (19816)
- 84 Uganda.ti,ab. (18926)
- 85 or/17-84 [ALL LOW INCOME COUNTRIES] (327968)
- 86 Cambodia/ (5373)
- 87 Cambodia.ti,ab. (5064)
- 88 exp Indonesia/ (21318)
- 89 (Indonesia or Dutch East Indies).ti,ab. (21349)
- 90 kiribati/ (133)
- 91 (Kiribati or Gilbert Islands or Phoenix Islands or Line Islands).ti,ab. (259)
- 92 Laos/ (2323)
- 93 (Laos or (Lao adj1 Democratic Republic)).ti,ab. (2314)
- 94 exp "Federated States of Micronesia"/ (1033)
- 95 Micronesia.ti,ab. (724)
- 96 Mongolia/ (3434)
- 97 Mongolia.ti,ab. (5288)
- 98 Myanmar/ (4444)
- 99 (Myanmar or Burma).ti,ab. (5215)
- 100 Papua New Guinea/ (6942)
- 101 (Papua New Guinea or German New Guinea or British New Guinea or Territory of Papua).ti,ab. (5122)
- 102 Philippines/ (12840)
- 103 (Philippines or Philippine Islands).ti,ab. (11274)
- 104 solomon islands/ (580)
- 105 Solomon Islands.ti,ab. (950)
- 106 Timor-Leste/ (639)
- 107 (Timor-Leste or East Timor or Portuguese Timor).ti,ab. (635)
- 108 Vanuatu/ (492)
- 109 (Vanuatu or New Hebrides).ti,ab. (784)
- 110 Viet Nam/ (18379)
- 111 (Viet Nam or Vietnam or French Indochina).ti,ab. (19576)
- 112 or/86-111 [LOWER MIDDLE INCOME COUNTRIES IN EAST ASIA AND THE PACIFIC] (90775)
- 113 Kyrgyzstan/ (1794)
- 114 (Kyrgyzstan or Kyrgyz Republic or Kirghizia or Kirghiz).ti,ab. (1407)
- 115 Moldova/ (1288)
- 116 Moldova.ti,ab. (1012)
- 117 exp Ukraine/ (17411)
- 118 Ukraine.ti,ab. (7461)
- 119 exp Uzbekistan/ (2529)
- 120 Uzbekistan.ti,ab. (1803)
- 121 or/113-120 [LOWER MIDDLE INCOME COUNTRIES IN EUROPE AND CENTRAL ASIA] (24847)
- 122 Bolivia/ (3810)
- 123 Bolivia.ti,ab. (3976)
- 124 El Salvador/ (2138)
- 125 El Salvador.ti,ab. (1660)
- 126 Honduras/ (2176)
- 127 Honduras.ti,ab. (2275)
- 128 Nicaragua/ (2396)
- 129 Nicaragua.ti,ab. (2387)
- 130 or/122-129 [LOWER MIDDLE INCOME COUNTRIES IN LATIN AMERICA AND CARIBBEAN] (11965)
- 131 Djibouti/ (377)
- 132 (Djibouti or French Somaliland).ti,ab. (467)
- 133 Egypt/ (22716)
- 134 Egypt.ti,ab. (20675)
- 135 Morocco/ (8501)
- 136 Morocco.ti,ab. (8023)
- 137 Tunisia/ (10642)

- 138 Tunisia.mp. (12995)
 139 palestine/ (1831)
 140 (Gaza or West Bank or Palestine).ti,ab. (3217)
 141 or/131-140 [LOWER MIDDLE INCOME COUNTRIES IN MIDDLE EAST AND NORTH AFRICA] (54038)
 142 Bangladesh/ (17696)
 143 Bangladesh.ti,ab. (17807)
 144 Bhutan/ (903)
 145 Bhutan.ti,ab. (910)
 146 exp India/ (164122)
 147 India.ti,ab. (147362)
 148 exp Pakistan/ (30503)
 149 Pakistan.ti,ab. (27402)
 150 or/142-149 [LOWER MIDDLE INCOME COUNTRIES IN SOUTH ASIA] (257189)
 151 Angola/ (1600)
 152 Angola.ti,ab. (1718)
 153 Cameroon/ (7682)
 154 (Cameroon or Kamerun or Cameroun).ti,ab. (8609)
 155 Cape Verde/ (410)
 156 (Cape Verde or Cabo Verde).ti,ab. (661)
 157 Comoros/ (356)
 158 (Comoros or Glorioso Islands or Mayotte).ti,ab. (635)
 159 Congo/ (4252)
 160 (Congo not ((Democratic Republic adj3 Congo) or congo red or crimean-congo)).ti,ab. (3581)
 161 Cote d'Ivoire/ (3500)
 162 (Cote d'Ivoire or Cote d'Ivoire or Ivory Coast).ti,ab. (4655)
 163 eswatini/ (126)
 164 (eSwatini or Swaziland).ti,ab. (1127)
 165 Ghana/ (13005)
 166 (Ghana or Gold Coast).ti,ab. (13897)
 167 Kenya/ (23236)
 168 (Kenya or East Africa Protectorate).ti,ab. (22723)
 169 Lesotho/ (779)
 170 (Lesotho or Basutoland).ti,ab. (853)
 171 Mauritania/ (693)
 172 Mauritania.ti,ab. (724)
 173 Nigeria/ (41410)
 174 Nigeria.ti,ab. (38899)
 175 "sao tome and principe"/ (86)
 176 (Sao Tome adj2 Principe).ti,ab. (162)
 177 Senegal/ (7313)
 178 Senegal.ti,ab. (7188)
 179 Sudan/ (7711)
 180 (Sudan not South Sudan).ti,ab. (10355)
 181 Zambia/ (6843)
 182 (Zambia or Northern Rhodesia).ti,ab. (6586)
 183 Zimbabwe/ (7454)
 184 (Zimbabwe or Southern Rhodesia).ti,ab. (6394)
 185 or/151-184 [LOWER MIDDLE INCOME COUNTRIES IN SUB-SAHARAN AFRICA] (145813)
 186 or/17-185 (826663)
 187 4 and 13 and 16 and 186 (4308)
 188 limit 187 to embase (2043)

3. **CAB Global Health (Ovid) <1910 to 2021 Week 11> Searched 19th March 2021**

- 1 ((health or "health care" or healthcare) adj (workforce or worker* or provider* or personnel or staff or employee* or professionals or "human resource*" or "human labour" or "human labor" or ((labour or labor) adj (force or market* or supply)) or manpower or staffing)).ti,ab. (42865)
 2 workers/ or personnel management/ or human resources/ (46566)
 3 or/1-2 (85301)

- 4 ((administrati* or organisation* or organization* or management) adj3 (policy or policies or objective* or decison*)),ti,ab. (3666)
- 5 (strategic adj2 (plan* or priorit*)),ti,ab. (1825)
- 6 quality standards/ or quality controls/ or "quality of care"/ or service quality/ (24352)
- 7 (benchmark* or "bench mark*" or (quality adj2 (management or standard* or care or service*))),ti,ab. (23190)
- 8 employee performance appraisal/ or personnel selection/ or job satisfaction/ or personnel turnover/ or burnout, professional/ or career mobility/ or resilience, psychological/ or work engagement/ or work performance/ or leadership/ (2775)
- 9 careers/ or career development/ or credentials/ or job skills/ or professional competence/ or burnout/ or work satisfaction/ or leadership/ or labour mobility/ (4980)
- 10 training/ or inservice training/ or vocational training/ or decision making/ or decision support systems/ or governance/ or organizational development/ or management by objectives/ (27693)
- 11 (((staff or employee* or personnel or "human resource*" or workforce or manpower) adj2 (turnover or retention or recruit* or training or burnout or wellbeing or "well being" or motivat* or resilien* or mobility or commitment or empowerment)) or ((job or employment or career or vocation*) adj2 satisfaction) or professionalism or (capacity adj2 build*) or credential* or "quality of working life").ti,ab. (9762)
- 12 or/4-11 (83227)
- 13 (framework* or performance or structur* or "amo model" or (abilit* adj motivat* adj opportunit*) or indicator* or strategic or intervention* or paradigm* or challeng* or context* or concept* or redefin* or "best practice*" or "high commitment" or "building block*" or bundl* or magnet or theor* or model*).ti,ab. (1149778)
- 14 "Democratic People's Republic of Korea"/ (333)
- 15 (North Korea or (Democratic People* Republic adj2 Korea)),ti,ab. (235)
- 16 Haiti/ (2244)
- 17 (Haiti or Hayti).ti,ab. (2242)
- 18 Syria/ (1727)
- 19 (Syria or Syrian Arab Republic).ti,ab. (1426)
- 20 Yemen/ (1790)
- 21 Yemen.ti,ab. (1646)
- 22 Tajikistan/ (798)
- 23 Tajikistan.ti,ab. (423)
- 24 Afghanistan/ (2158)
- 25 Afghanistan.ti,ab. (2372)
- 26 Nepal/ (7535)
- 27 Nepal.ti,ab. (6848)
- 28 Benin/ (2849)
- 29 (Benin or Dahomey).ti,ab. (3706)
- 30 Burkina Faso/ (5108)
- 31 (Burkina Faso or Burkina Fasso or Upper Volta).ti,ab. (5052)
- 32 Burundi/ (752)
- 33 (Burundi or Ruanda-Urundi).ti,ab. (1023)
- 34 Central African Republic/ (1141)
- 35 (Central African Republic or Ubangi-Shari).ti,ab. (1160)
- 36 Chad/ (1291)
- 37 Chad.ti,ab. (1324)
- 38 "Democratic Republic of the Congo"/ (7469)
- 39 (((Democratic Republic or DR) adj2 Congo) or Congo-Kinshasa or Belgian Congo or Zaire or Congo Free State).ti,ab. (6259)
- 40 Eritrea/ (730)
- 41 Eritrea.ti,ab. (691)
- 42 Ethiopia/ (15344)
- 43 (Ethiopia or Abyssinia).ti,ab. (14437)
- 44 Gambia/ (3030)
- 45 Gambia.ti,ab. (2629)
- 46 Guinea/ (1292)
- 47 (Guinea not (New Guinea or Guinea Pig* or Guinea Fowl or Guinea-Bissau or Portuguese Guinea or Equatorial Guinea)).ti,ab. (3018)
- 48 Guinea-Bissau/ (1057)
- 49 (Guinea-Bissau or Portuguese Guinea).ti,ab. (1038)
- 50 Liberia/ (1737)

- 51 Liberia.ti.ab. (1800)
- 52 Madagascar/ (4040)
- 53 (Madagascar or Malagasy Republic).ti.ab. (4020)
- 54 Malawi/ (6851)
- 55 (Malawi or Nyasaland).ti.ab. (6339)
- 56 Mali/ (3349)
- 57 Mali.ti.ab. (3256)
- 58 Mozambique/ (3371)
- 59 (Mozambique or Mocambique or Portuguese East Africa).ti.ab. (3353)
- 60 Niger/ (1398)
- 61 (Niger not (Aspergillus or Peptococcus or Schizothorax or Cruciferae or Gobius or Lasius or Agelastes or Melanosuchus or radish or Parastromateus or Orius or Apeergillus or Parastromateus or Stomoxys)).ti.ab. (3658)
- 62 Rwanda/ (2562)
- 63 (Rwanda or Ruanda).ti.ab. (2532)
- 64 Sierra Leone/ (2353)
- 65 (Sierra Leone or Salone).ti.ab. (2364)
- 66 Somalia/ (1838)
- 67 (Somalia or Somaliland).ti.ab. (1629)
- 68 South Sudan/ (422)
- 69 South Sudan.ti.ab. (535)
- 70 Tanzania/ (14323)
- 71 (Tanzania or Tanganyika or Zanzibar).ti.ab. (13606)
- 72 Togo/ (1772)
- 73 (Togo or Togolese Republic or Togoland).ti.ab. (1668)
- 74 Uganda/ (14472)
- 75 Uganda.ti.ab. (13666)
- 76 Kyrgyzstan/ (739)
- 77 (Kyrgyzstan or Kyrgyz Republic or Kirghizia or Kirghiz).ti.ab. (497)
- 78 Moldova/ (720)
- 79 Moldova.ti.ab. (414)
- 80 Ukraine/ (3712)
- 81 Ukraine.ti.ab. (2470)
- 82 Uzbekistan/ (1846)
- 83 Uzbekistan.ti.ab. (1030)
- 84 Bolivia/ (2806)
- 85 Bolivia.ti.ab. (2607)
- 86 El Salvador/ (1398)
- 87 El Salvador.ti.ab. (1054)
- 88 Honduras/ (1453)
- 89 Honduras.ti.ab. (1505)
- 90 Nicaragua/ (1469)
- 91 Nicaragua.ti.ab. (1389)
- 92 Djibouti/ (362)
- 93 (Djibouti or French Somaliland).ti.ab. (374)
- 94 Egypt/ (19901)
- 95 Egypt.ti.ab. (13485)
- 96 Morocco/ (7526)
- 97 Morocco.ti.ab. (5183)
- 98 Tunisia/ (6977)
- 99 Tunisia.mp. (7287)
- 100 (Gaza or West Bank or Palestine).ti.ab. (2091)
- 101 Bangladesh/ (12843)
- 102 Bangladesh.ti.ab. (11933)
- 103 Bhutan/ (571)
- 104 Bhutan.ti.ab. (546)
- 105 exp India/ (131722)
- 106 India.ti.ab. (87000)
- 107 Pakistan/ (18513)
- 108 Pakistan.ti.ab. (14486)
- 109 Angola/ (1539)

- 110 Angola.ti.ab. (1593)
 111 Cameroon/ (7716)
 112 (Cameroon or Kamerun or Cameroun).ti.ab. (6849)
 113 Cape Verde/ (331)
 114 (Cape Verde or Cabo Verde).ti.ab. (360)
 115 Comoros/ (321)
 116 (Comoros or Glorioso Islands or Mayotte).ti.ab. (467)
 117 Congo/ (2266)
 118 (Congo not ((Democratic Republic adj3 Congo) or congo red or crimean-congo)).ti.ab. (5115)
 119 Cote d'Ivoire/ (4822)
 120 (Cote d'Ivoire or Cote d'Ivoire or Ivory Coast).ti.ab. (4754)
 121 Eswatini/ (0)
 122 (eSwatini or Swaziland).ti.ab. (898)
 123 Ghana/ (11092)
 124 (Ghana or Gold Coast).ti.ab. (10481)
 125 Kenya/ (19159)
 126 (Kenya or East Africa Protectorate).ti.ab. (17369)
 127 Lesotho/ (667)
 128 (Lesotho or Basutoland).ti.ab. (657)
 129 Mauritania/ (567)
 130 Mauritania.ti.ab. (620)
 131 Nigeria/ (36372)
 132 Nigeria.ti.ab. (31089)
 133 (Sao Tome adj2 Principe).ti.ab. (131)
 134 Senegal/ (6726)
 135 Senegal.ti.ab. (5773)
 136 Sudan/ (7075)
 137 (Sudan not South Sudan).ti.ab. (7606)
 138 Zambia/ (5589)
 139 (Zambia or Northern Rhodesia).ti.ab. (5003)
 140 Zimbabwe/ (6846)
 141 (Zimbabwe or Southern Rhodesia).ti.ab. (4993)
 142 (developing country or developing countries or developing nation* or developing population* or developing world or less developed countr* or less developed nation* or less developed population* or less developed world or lesser developed countr* or lesser developed nation* or lesser developed population* or lesser developed world or under developed countr* or under developed nation* or under developed world or underdeveloped countr* or underdeveloped nation* or underdeveloped population* or underdeveloped world or low income countr* or low income nation* or low income population* or lower income countr* or lower income nation* or lower income population* or underserved countr* or rural area* or underserved nation* or under served countr* or under served nation* or deprived countr* or deprived nation* or poor countr* or poor nation* or poorer countr* or poorer nation* or poorer world or developing econom* or less developed econom* or lesser developed econom* or under developed econom* or underdeveloped econom* or low income econom* or lower income econom* or low gdp or low gnp or low gross domestic or low gross national or lower gdp or lower gnp or lower gross domestic or lower gross national or lic or lics or third world or li countr* or transitional countr* or emerging economies or emerging nation*).ti.ab. (81511)
 143 or/14-142 (464072)
 144 3 and 12 and 13 and 143 (2439)

4. CINAHL (Ebsco) – Searched 19th March 2021

S25 S4 AND S22 AND S23 AND S24 Limiters - Exclude MEDLINE records
1,485

S24 TI ((afghanistan or albania or algeria or "american samoa" or angola or "antigua and barbuda" or antigua or barbuda or argentina or armenia or armenian or aruba or azerbaijan or bahrain or bangladesh or barbados or belarus or byelarus or belorussia or byelorussian or belize or "british honduras" or benin or dahomey or bhutan or bolivia or "bosnia and herzegovina" or bosnia or herzegovina or botswana or bechuanaland or brazil or brasil or bulgaria or "burkina faso" or "burkina fasso" or "upper volta" or burundi or urundi or "cabo verde" or "cape verde" or cambodia or kampuchea or "khmer republic" or cameroon or cameron or cameroun or "central african republic" or "ubangi shari" or chad or chile or china or colombia or comoros or comoro islands or "iles comores" or mayotte or "democratic republic of the congo" or "democratic republic

congo" or congo or zaire or "costa rica" or "cote d ivoire" or "cote d ivoire" or "cote d ivoire" or "cote d ivoire" or "ivory coast" or croatia or cuba or cyprus or "czech republic" or czechoslovakia or djibouti or "french somaliland" or dominica or "dominican republic" or ecuador or egypt or "united arab republic" or "el salvador" or "equatorial guinea" or "spanish guinea" or eritrea or estonia or eswatini or swaziland or ethiopia or fiji or gabon or "gabonese republic" or gambia or "georgia (republic)" or georgian or ghana or "gold coast" or gibraltar or greece or grenada or guam or guatemala or guinea or "guinea bissau" or guyana or "british guiana" or haiti or hispaniola or honduras or hungary or india or indonesia or timor or iran or iraq or "isle of man" or jamaica or jordan or kazakhstan or kazakh or kenya or "democratic peoples republic of korea" or "republic of korea" or "north korea" or "south korea" or korea or kosovo or kyrgyzstan or kirghizia or kirgizstan or "kyrgyz republic" or kirghiz or laos or "lao pdr" or "lao people's democratic republic" or latvia or lebanon or "lebanese republic" or lesotho or basutoland or liberia or libya or "libyan arab jamahiriya" or lithuania or macau or macao or "republic of north macedonia" or macedonia or madagascar or "malagasy republic" or malawi or nyasaland or malaysia or "malay federation" or "malaya federation" or maldives or "indian ocean islands" or "indian ocean" or mali or malta or micronesia or "federated states of micronesia" or kiribati or "marshall islands" or nauru or "northern mariana islands" or palau or tuvalu or mauritania or mauritius or mexico or moldova or moldovian or mongolia or montenegro or morocco or ifni or mozambique or "portuguese east africa" or myanmar or burma or namibia or nepal or "netherlands antilles" or nicaragua or niger or nigeria or oman or muscat or pakistan or panama or "papua new guinea" or "new guinea" or paraguay or peru or philippines or philippines or philippines or philippines or poland or "polish people's republic" or portugal or "portuguese republic" or "puerto rico" or romania or russia or "russian federation" or ussr or "soviet union or union of soviet socialist republics" or rrwanda or ruanda or samoa or "pacific islands" or polynesia or "samoan islands" or "navigator island" or "navigator islands" or "sao tome and principe" or "saudi arabia" or senegal or serbia or seychelles or "sierra leone" or slovakia or "slovak republic" or slovenia or melanesia or "solomon island" or "solomon islands" or "norfolk island" or "norfolk islands" or somalia or "south africa" or "south sudan" or "sri lanka" or ceylon or "saint kitts and nevis" or "st. kitts and nevis" or "saint lucia" or "st. lucia" or "saint vincent and the grenadines" or "saint vincent" or "st. vincent" or grenadines or sudan or suriname or surinam or "dutch guiana" or "netherlands guiana" or syria or "syrian arab republic" or tajikistan or tadjikistan or tadjikistan or tadjik or tanzania or tanganyika or thailand or siam or "timor leste" or "east timor" or togo or "togolese republic" or tonga or "trinidad and tobago" or trinidad or tobago or tunisia or turkey or turkmenistan or turkmen or uganda or ukraine or uruguay or uzbekistan or uzbek or vanuatu or "new hebrides" or venezuela or vietnam or "viet nam" or "middle east" or "west bank" or gaza or palestine or yemen or yugoslavia or zambia or zimbabwe or "northern rhodesia" or "global south" or "africa south of the sahara" or "sub-saharan africa*" or "subsaharan africa*" or "africa, central" or "central africa*" or "africa, northern" or "north africa*" or "northern africa*" or magreb or maghrib or sahara* or "africa, southern" or "southern africa*" or "africa, eastern" or "east africa*" or "eastern africa*" or "africa, western" or "west africa*" or "western africa*" or "west indies" or "indian ocean islands" or caribbean or "central america*" or "latin america*" or "south america*" or "south and central america*" or "asia, central" or "central asia*" or "asia, northern" or "north asia*" or "northern asia*" or "asia, southeastern" or "southeastern asia*" or "south eastern asia*" or "southeast asia*" or "south east asia*" or "asia, western" or "western asia*" or "europe, eastern" or "east europe*" or "eastern europe*" or "developing country" or "developing countries" or "developing nation*" or "developing population*" or "developing world" or "less developed countr*" or "less developed nation*" or "less developed population*" or "less developed world" or "lesser developed countr*" or "lesser developed nation*" or "lesser developed population*" or "lesser developed world" or "under developed countr*" or "under developed nation*" or "under developed population*" or "under developed world" or "underdeveloped countr*" or "underdeveloped nation*" or "underdeveloped population*" or "underdeveloped world" or "middle income countr*" or "middle income nation*" or "middle income population*" or "low income 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world" or "lami countr*" or "transitional countr*" or "emerging economies" or "emerging nation*"))) OR AB (((afghanistan or albania or algeria or "american samoa" or angola or "antigua and barbuda" or antigua or barbuda or argentina or armenia or armenian or aruba or azerbaijan or bahrain or bangladesh or barbados or belarus or byelarus or belorussia or byelorussian or belize or "british honduras" or benin or dahomey or bhutan or bolivia or "bosnia and herzegovina" or bosnia or herzegovina or botswana or bechuanaland or brazil or brasil or bulgaria or "burkina

faso" or "burkina faso" or "upper volta" or burundi or urundi or "cabo verde" or "cape verde" or cambodia or kampuchea or "khmer republic" or cameroon or cameron or cameroun or "central african republic" or "ubangi shari" or chad or chile or china or colombia or comoros or comoro islands or "iles comores" or mayotte or "democratic republic of the congo" or "democratic republic congo" or congo or zaire or "costa rica" or "cote divoire" or "cote d ivoire" or "cote divoire" or "cote d ivoire" or "ivory coast" or croatia or cuba or cyprus or "czech republic" or czechoslovakia or djibouti or "french somaliland" or dominica or "dominican republic" or ecuador or egypt or "united arab republic" or "el salvador" or "equatorial guinea" or "spanish guinea" or eritrea or estonia or eswatini or swaziland or ethiopia or fiji or gabon or "gabonese republic" or gambia or "georgia (republic)" or georgian or ghana or "gold coast" or gibraltar or greece or grenada or guam or guatemala or guinea or 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"antigua and barbuda" or antigua or barbuda or argentina or armenia or armenian or aruba or azerbaijan or bahrain or bangladesh or barbados or belarus or byelarus or belorussia or byelorussian or belize or "british honduras" or benin or dahomey or bhutan or bolivia or "bosnia and herzegovina" or bosnia or herzegovina or botswana or bechuanaland or brazil or brasil or bulgaria or "burkina faso" or "burkina fasso" or "upper volta" or burundi or urundi or "cabo verde" or "cape verde" or cambodia or kampuchea or "khmer republic" or cameroon or cameron or cameroun or "central african republic" or "ubangi shari" or chad or chile or china or colombia or comoros or comoro islands or "iles comores" or mayotte or "democratic republic of the congo" or "democratic republic congo" or congo or zaire or "costa rica" or "cote divoire" or "cote d ivoire" or "cote divoire" or "cote d ivoire" or "ivory coast" or croatia or cuba or cyprus or "czech republic" or czechoslovakia or djibouti or "french somaliland" or dominica or "dominican republic" or ecuador or egypt or "united arab republic" or "el salvador" or "equatorial guinea" or "spanish guinea" or eritrea or estonia or eswatini or swaziland or ethiopia or fiji or gabon or "gabonese republic" or gambia or "georgia (republic)" or georgian or ghana or "gold coast" or gibraltar or greece or grenada or guam or guatemala or guinea or "guinea bissau" or guyana or "british guiana" or haiti or hispaniola or honduras or hungary or india or indonesia or timor or iran or iraq or "isle of man" or jamaica or jordan or kazakhstan or kazakh or kenya or "democratic peoples republic of korea" or "republic of korea" or "north korea" or "south korea" or korea or kosovo or kyrgyzstan or kirghizia or kirgizstan or "kyrgyz republic" or kirghiz or laos or "lao pdr" or "lao people's democratic republic" or latvia or lebanon or "lebanese republic" or lesotho or basutoland or liberia or libya or "libyan arab jamahiriya" or lithuania or macau or macao or "republic of north macedonia" or macedonia or madagascar or "malagasy republic" or malawi or niasaland or malaysia or "malay federation" or "malaya federation" or maldives or "indian ocean islands" or "indian ocean" or mali or malta or micronesia or "federated states of micronesia" or kiribati or "marshall islands" or nauru or "northern mariana islands" or palau or tuvalu or mauritania or mauritius or mexico or moldova or moldovian or mongolia or montenegro or morocco or ifni or mozambique or "portuguese east africa" or myanmar or burma or namibia or nepal or "netherlands antilles" or nicaragua or niger or nigeria or oman or muscat or pakistan or panama or "papua new guinea" or "new guinea" or paraguay or peru or philippines or philippines or philippines or poland or "polish people's republic" or portugal or "portuguese republic" or "puerto rico" or romania or russia or "russian federation" or ussr or "soviet union or union of soviet socialist republics" or rrwanda or ruanda or 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uzbekistan or uzbek or vanuatu or "new hebrides" or venezuela or vietnam or "viet nam" or "middle east" or "west bank" or gaza or palestine or yemen or yugoslavia or zambia or zimbabwe or "northern rhodesia" or "global south" or "africa south of the sahara" or "sub-saharan africa*" or "subsaharan africa*" or "africa, central" or "central africa*" or "africa, northern" or "north africa*" or "northern africa*" or magreb or maghrib or sahara* or "africa, southern" or "southern africa*" or "africa, eastern" or "east africa*" or "eastern africa*" or "africa, western" or "west africa*" or "western africa*" or "west indies" or "indian ocean islands" or caribbean or "central america*" or "latin america*" or "south and central america*" or "south america*" or "asia, central" or "central asia*" or "asia, northern" or "north asia*" or "northern asia*" or "asia, southeastern" or "southeastern asia*" or "south eastern asia*" or "southeast asia*" or "south east asia*" or "asia, western" or "western asia*" or "europe, eastern" or "east europe*" or "eastern europe*" or "developing country" or "developing countries" or "developing nation*" or "developing population*" or "developing world" or "less developed countr*" or "less developed nation*" or "less developed population*" or "less developed world" or "lesser developed countr*" or "lesser developed nation*" or "lesser developed population*" or "lesser developed world" or "under developed countr*" or "under developed nation*" or "under developed population*" or "under developed world" or "underdeveloped countr*" or "underdeveloped nation*" or "underdeveloped population*" or "underdeveloped world" or "middle income countr*" or "middle income nation*" or "middle income population*" or "low income countr*" or "low income nation*" or "low income population*" or "lower income countr*" or "lower income nation*" or "lower income population*" or "underserved countr*" or "underserved nation*" or "underserved population*" or "underserved world" or "under served countr*" or "under served nation*" or "under served population*" or "under served world" or "deprived countr*" or "deprived nation*" or "deprived population*" or "deprived world" or "poor countr*" or "poor nation*" or "poor population*" or "poor world" or "poorer countr*" or "poorer nation*" or "poorer population*" or "poorer world" or "developing econom*" or "less developed econom*" or "lesser developed econom*" or "under developed econom*" or "underdeveloped econom*" or "middle income econom*" or "low income econom*" or "lower income

econom*" or "low gdp" or "low gnp" or "low gross domestic" or "low gross national" or "lower gdp" or "lower gnp" or "lower gross domestic" or "lower gross national" or lmic or lmicr or "third world" or "lami countr*" or "transitional countr*" or "emerging economies" or "emerging nation*"))

538,964

S23 TI(framework* or performance or structur* or "amo model" or (abilit* N1 motivat* N1 opportunit*) or indicator* or strategic or intervention* or paradigm* or challeng* or context* or concept* or redefin* or "best practice*" or "high commitment" or "building block*" or bundl* or magnet or theor* or model*) OR AB(framework* or performance or structur* or "amo model" or (abilit* N1 motivat* N1 opportunit*) or indicator* or strategic or intervention* or paradigm* or challeng* or context* or concept* or redefin* or "best practice*" or "high commitment" or "building block*" or bundl* or magnet or theor* or model*) OR (MH "Change Theory") OR (MH "Conceptual Framework") OR (MH "Paradigms")

1,692,677

S22 S5 OR S6 OR S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21

379,620

S21 TI(((staff or employee* or personnel or "human resource*" or workforce or manpower) N2 (turnover or retention or recruit* or burnout or wellbeing or "well being" or motivat* or resilien* or mobility or commitment or empowerment)) or ((job or employment or career or vocation*) N2 satisfaction) or professionalism or (capacity N2 build*) or credential* or "quality of working life") OR AB(((staff or employee* or personnel or "human resource*" or workforce or manpower) N2 (turnover or retention or recruit* or burnout or wellbeing or "well being" or motivat* or resilien* or mobility or commitment or empowerment)) or ((job or employment or career or vocation*) N2 satisfaction) or professionalism or (capacity N2 build*) or credential* or "quality of working life")

30,187

S20 (MH "Accreditation") OR (MH "Certification") OR (MH "Credentialing") OR (MH "Licensure") OR (MH "Government Regulations")

55,911

S19 (MH "Diffusion of Innovation")

15,840

S18 (MH "Productivity") OR (MH "Work Redesign") OR (MH "Organizational Policies")

26,947

S17 (MH "Clinical Competence") OR (MH "Professional Competence")

60,558

S16 (MH "Leadership")

45,080

S15 (MH "Job Performance")

5,360

S14 (MH "Burnout, Professional")

11,691

S13 (MH "Career Mobility")

5,021

S12 (MH "Employee Performance Appraisal") OR (MH "Personnel Turnover") OR (MH "Personnel Retention") OR (MH "Personnel Selection") OR (MH "Personnel Shortage")

25,926

S11 (MH "Quality Improvement") OR (MH "Quality Management, Organizational")

59,105

S10 (MH "Benchmarking")

7,515

S9 (MH "Goal-Setting") OR (MH "Strategic Planning")

15,713

S8 (MH "Decision Making, Organizational")

3,520

S7 (MH "Organizational Development") OR (MH "Organizational Objectives") OR (MH "Organizational Change")

35,755

S6 (MH "Organizational Culture") OR (MH "Organizational Development") OR (MH "Organizational Policies") OR (MH "Organizational Structure") OR (MH "Organizational Restructuring") OR (MH "Management")

55,701

- S5 TI((administrati* or organisation* or organization* or management) N3 (policy or policies or objective* or decision*)) OR AB((administrati* or organisation* or organization* or management) N3 (policy or policies or objective* or decision*))
8,889
- S4 S1 OR S2 OR S3
192,511
- S3 (MH "Personnel Staffing and Scheduling") OR (MH "Personnel Management")
29,923
- S2 (MH "Workforce")
11,634
- S1 TI((health or "health care" or healthcare) N1 (workforce or worker* or provider* or personnel or staff or employee* or professionals or "human resource*" or "human labour" or "human labor" or ((labour or labor) N1 (force or market* or supply)) or manpower or staffing)) OR AB((health or "health care" or healthcare) N1 (workforce or worker* or provider* or personnel or staff or employee* or professionals or "human resource*" or "human labour" or "human labor" or ((labour or labor) N1 (force or market* or supply)) or manpower or staffing))
154,246

5. WHO Global Index Medicus – Searched 20th March 2021

Total Results = 692 (duplicates removed)

1. tw:((tw:(workforce OR "personnel management" OR "Health Workforce" OR "Health Personnel")) AND (tw:((framework* OR performance OR structur* OR "amo model" OR (abilit* AND motivat* AND opportunit*) OR indicator* OR strategic OR intervention* OR paradigm* OR challeng* OR context* OR concept* OR redefin* OR "best practice*" OR "high commitment" OR "building block*" OR bundl* OR magnet OR theor* OR model*))) AND (tw:(((administrati* OR organisation* OR organization* OR management) AND (policy OR policies OR objective* OR decision*)))) AND (la:("en")) - **450**
2. tw:((tw:(workforce OR "personnel management" OR "Health Workforce" OR "Health Personnel")) AND (tw:((framework* OR performance OR structur* OR "amo model" OR (abilit* AND motivat* AND opportunit*) OR indicator* OR strategic OR intervention* OR paradigm* OR challeng* OR context* OR concept* OR redefin* OR "best practice*" OR "high commitment" OR "building block*" OR bundl* OR magnet OR theor* OR model*))) AND (tw:((strategic AND (plan* OR priorit*) OR (benchmark* OR "bench mark*")))) AND (la:("en")) - **38**
3. tw:((tw:(workforce OR "personnel management" OR "Health Workforce" OR "Health Personnel")) AND (tw:((framework* OR performance OR structur* OR "amo model" OR (abilit* AND motivat* AND opportunit*) OR indicator* OR strategic OR intervention* OR paradigm* OR challeng* OR context* OR concept* OR redefin* OR "best practice*" OR "high commitment" OR "building block*" OR bundl* OR magnet OR theor* OR model*))) AND (tw:(((staff OR employee* OR personnel OR "human resource*" OR workforce OR manpower) AND (turnover OR retention OR recruit* OR burnout OR wellbeing OR "well being" OR motivat* OR resilien* OR mobility OR commitment OR empowerment)) OR ((job OR employment OR career OR vocation*) AND satisfaction) OR professionalism OR "capacity building" OR "building capacity" OR credential* OR "quality of working life")))) AND (la:("en")) - **317**