

Supplementary Tables

S1. Result overview showing the frequency distributions by variable categories separately for directly relevant papers (dark green) and indirectly relevant papers (light green). SR=Single response; MR=Multiple response

Variables		Categories	1945-1959	1960-1971	1972-1990	1991-2009	2010-2020	1945-2020
V2	Publication year		62	76	78	96	142	454
V1	Reader (SR)	KB	9	24	19	27	48	125
		LLG	8	25	25	31	45	134
		LF	45	27	34	38	49	193
V3	Article relevance (SR)	1. Somali study of direct relevance	28	33	41	21	41	164
		2. Indirect relevance	11	6	11	39	73	140
		3. Irrelevant	21	24	21	23	23	112
		4. Excluded	0	13	5	13	5	36
V4	Author-ship (SR)	1. Includes Somali author with affiliation/residence in Somalia	0	3	19	2	17	41
			0	0	1	0	0	1
		2. Includes only Somali author without the above	0	0	1	5	3	9
			0	0	0	4	14	18
		3. Non-Somali author(s) only	27	28	21	12	20	108
V5	Gender of first author (SR)		11	6	10	31	57	115
		4. Unclear	1	2	0	2	1	6
			0	0	0	4	2	6
		1. Female	0	1	8	3	16	28
			0	0	3	17	40	60
V6	Gender of last author (SR)	2. Male	18	25	27	15	20	105
			6	3	6	16	32	63
		3. Not identifiable	10	7	6	3	5	31
			5	3	2	6	1	17
			0	1	3	2	10	17
V7	Institutional affiliation 1 st author (MR)		1	0	1	10	31	43
		1. Female	1	0	1	10	31	43
		2. Male	1	7	16	13	23	60
			2	2	5	18	37	64
		3. Not identifiable	7	5	11	3	3	29
V8	Institutional affiliation last author (MR)		3	3	1	5	2	14
		1. Somali	12	10	15	1	7	45
			0	0	0	0	0	0
		2. Other African based institution	3	2	1	3	3	12
			4	2	1	2	13	22
V9	Institutional affiliation 1 st author (MR)	3. North-American	0	6	4	8	10	28
			0	0	2	14	22	38
		4. European	6	12	16	6	16	56
			5	4	7	18	32	66
		5. Regional or International organization	1	1	3	1	4	10
V10	Institutional affiliation last author (MR)		0	0	0	0	1	1
		6. Other	2	2	3	2	4	13
			1	0	0	3	8	12
		7. Not identifiable	5	1	2	2	2	12
			1	0	1	2	0	4
V11	Institutional affiliation 1 st author (MR)	1. Somali	1	2	3	1	3	10
			0	0	1	0	0	1
		2. Other African based institution	2	3	0	3	4	12
			2	2	0	0	14	18
		3. North-American	3	3	5	19	33	63
V12	Institutional affiliation last author (MR)		1	0	2	13	21	37
		4. European	1	3	16	5	13	38
			3	3	3	15	32	56
		5. Regional or International organization	0	0	1	0	3	4
			0	0	0	1	1	2
V13	Institutional affiliation 1 st author (MR)	6. Other	2	1	1	4	8	16
			0	0	0	2	5	7
		7. Not identifiable	0	2	2	2	1	7
			0	0	1	2	0	3
			0	0	1	2	0	3

SV9	Funding source (MR)	1. Stated as international (non-Somali)	0	6	15	6	20	47
			0	0	3	13	37	53
		2. Stated as national (Somalia)	0	0	1	0	4	5
			0	0	1	0	3	4
		3. Stated as none	0	1	0	1	5	7
			0	0	0	3	4	7
		4. Not stated	28	26	25	14	13	106
			11	6	7	23	29	76
V10	Type of article (SR)	1. Editorial	0	0	0	0	1	1
			1	0	1	0	1	3
		2. Original Article	9	11	28	9	23	80
			3	4	5	26	59	97
		3. Review Article	2	4	3	8	6	23
			2	0	1	1	2	6
		4. Short Communication	12	14	9	3	6	44
			3	2	4	10	7	26
		5. Debate Article	0	2	0	0	0	2
			0	0	0	1	0	1
		6. Perspectives	5	2	1	1	4	13
			1	0	0	1	1	3
		7. Methods	0	0	0	0	1	1
			0	0	0	0	2	2
		8. Other type	0	0	0	0	0	0
			1	0	0	0	1	2
V11	Journal	See separate code list						
V12	Main health problem area/ topic (SR)	1. Communicable diseases	23	26	30	16	23	118
			5	3	5	18	36	67
		2. Non-communicable diseases	2	2	5	1	4	14
			3	3	1	10	20	37
		3. Injuries	0	1	1	1	2	5
			0	0	0	0	1	1
		4. Other	3	4	5	3	12	27
			3	0	5	11	16	35
V13	Specific health problem (MR)	1. Infectious disease	18	14	15	14	22	83
			4	0	0	6	10	20
		2. TB	2	0	4	6	6	18
			1	0	4	6	5	16
		3. Sexually transmitted disease	0	1	7	1	0	9
			0	0	3	0	0	3
		4. HIV	0	0	2	1	2	5
			0	0	0	0	0	0
		5. Respiratory disease	1	0	0	3	3	7
			0	0	0	3	1	4
		6. Diarrhoeal disease	1	0	1	1	1	4
			0	0	0	0	1	1
		7. Cholera	0	0	0	2	0	2
			0	0	0	0	0	0
		8. Malaria	9	5	0	3	3	20
			1	0	0	0	1	2
		9. Helminthic infections	6	5	5	1	0	17
			1	0	3	1	0	5
		10. Maternal conditions or women's health	0	0	6	9	16	31
			0	0	1	6	13	20
		11. Perinatal conditions	0	0	1	1	1	3
			0	0	0	1	1	2
		12. Infant, child and adolescent health conditions	1	0	10	8	19	38
			1	0	1	4	12	18
		13. Female genital mutilation	1	0	2	2	7	12
			0	0	1	2	6	9
		14. Nutritional conditions	3	3	5	3	13	27
			2	1	1	1	7	12
		15. Cardiovascular disease	0	1	0	0	0	1
			0	0	0	0	0	0
		16. Cancer	1	0	0	1	2	4
			1	0	0	1	2	4
		17. Diabetes	0	0	0	0	4	4
			0	0	0	0	4	4
		18. Neurological disease	0	0	0	0	4	4
			0	0	0	0	4	4
		19. Mental and substance use disorders	1	1	4	5	18	29
			1	0	0	4	14	19

		20. Domestic violence	0	0	0	1	6	7
			0	0	0	1	4	5
		21. Accidents	0	0	0	1	3	4
			0	0	0	1	1	2
		22. War-, crime-, terror-related injuries	0	0	0	2	3	5
			0	0	0	1	2	3
		23. Other	4	7	11	8	6	36
			1	5	3	7	3	19
		NA Not applicable	3	5	5	8	8	29
			1	0	4	5	8	18
V14	Health Aspect (MR)	1. Clinical aspects	9	7	17	5	7	45
			5	5	2	16	23	51
		2. Occurrence and epidemiology	17	16	33	14	18	98
			7	2	4	19	42	74
		3. Prevention & health promotion	9	4	6	6	9	34
			2	0	2	9	9	22
		4. Leadership and governance	0	2	0	1	4	7
			0	0	0	0	1	1
		5. Service delivery & health care	1	1	3	5	9	19
			0	0	1	4	6	11
		6. Health Systems functioning and financing	0	1	1	2	3	7
			0	0	0	0	2	2
		7. Health workforce	0	0	0	0	1	1
			0	0	0	0	0	0
		8. Medical products, vaccines etc	2	0	3	1	4	10
			0	0	1	0	1	2
		9. Drug therapy	3	6	3	3	3	18
			0	0	1	1	3	5
V15	Origin of data (SR)	10. Health information systems	2	0	0	0	2	4
			1	0	0	0	0	1
		11. Capacity Building, basic and cont'd training	0	2	0	0	5	7
			0	0	0	1	0	1
		12. Public health education and communication	1	1	3	3	0	8
			0	0	1	7	10	18
		13. Migration and refugee health	0	3	5	1	5	14
			1	0	2	25	56	84
		14. Other or general aspects	5	2	6	2	8	23
			2	1	5	6	12	26
		1. Data only from Somalia	21	25	32	8	25	111
			2	0	3	1	2	8
V16	Analysis of data (SR)	2. Data also from other African countries	5	6	5	5	5	26
			4	1	0	1	1	7
		3. Data also from non-African countries	0	1	0	1	3	5
			0	0	0	0	7	7
		4. Data from Somalia, other Africa and non-Africa	0	1	3	4	3	11
			0	0	3	3	0	6
		5. Data only from other countries than Somalia	0	0	0	1	3	4
			5	4	3	32	61	105
		6. Non-empirical	2	0	1	2	2	7
			0	1	2	2	2	7
		1. Data only analysed in Somalia	8	10	8	1	3	30
			0	0	0	0	1	1
V17	Study Design (MR)	2. Data only analysed elsewhere	2	4	9	13	12	40
			5	4	3	36	66	114
		3. Data analysed both in Somalia and elsewhere	0	6	6	1	3	16
			1	0	2	1	1	5
		4. Place not identifiable or stated	13	12	17	4	19	65
			3	2	3	0	3	11
		Not applicable	5	1	1	2	4	13
			2	0	3	2	2	9
		1. Quantitative survey incl before-after survey	8	6	18	1	11	44
			1	0	0	6	21	28
		2. Quantitative epidemiological	3	7	8	4	9	31
			3	0	3	7	12	25
		3. Qualitative	0	1	1	1	4	7
			0	0	1	4	18	23
		4. Mixed	0	0	1	4	7	12
			0	0	0	5	7	12
		5. Clinical material and case study	6	14	13	1	4	38
			4	6	2	13	11	36

		6. Randomized/Clinical/Intervention trial	2	2	2	0	1	7
			0	0	1	1	1	3
		7. Laboratory study	1	2	11	3	4	21
			1	0	1	6	6	14
		8. Literature /systematic review	4	2	1	6	4	17
			0	0	1	11	4	16
		9. Non-empirical study	0	1	0	2	3	6
			1	0	0	1	4	6
		NA Not Applicable	7	4	4	1	2	18
			2	0	4	1	1	8

S2. Main topics/category of health problem addressed by papers in different time periods

Disease Category	Papers of direct relevance					Papers of indirect relevance			
	1945-1959 (n=28)	1960-1971 (n=33)	1972-1990 (n=41)	1991-2009 (n=21)	2010-2020 (n=41)	1945-1971 (n=17)	1972-1990 (n=11)	1991-2009 (n=39)	2010-2020 (n=73)
Communicable, maternal, perinatal and nutritional	82.1	78.8	73.2	76.2	56.1	47.1	45.5	46.1	49.3
Non-communicable diseases	7.1	6.0	12.2	4.8	9.8	35.3	9.0	25.6	27.4
Injuries	0	3.0	2.4	4.8	4.9	0		0	1.4
Other	10.7	12.1	12.2	14.3	29.3	17.6	45.5	28.2	21.9

S3. Specific health problem notifications in percent of total number of papers in different time periods

Specific health problem	Papers of direct relevance					Papers of indirect relevance			
	1945-1959 (n=28)	1960-1971 (n=33)	1972-1990 (n=41)	1991-2009 (n=21)	2010-2020 (n=41)	1945-1971 (n=17)	1972-1990 (n=11)	1991-2009 (n=39)	2010-2020 (n=73)
Infectious disease	50.0	42.4	36.6	38.1	29.3	23.5	0	15.4	13.7
Tuberculosis	3.6	0	0	0	2.4	5.9	36.4	15.4	6.8
Malaria	28.6	15.2	0	14.3	4.9	5.9	0	0	1.4
Helminthic infections	17.9	15.2	4.9	0	0	5.9	27.2	2.6	0
Maternal conditions, women's health	0	0	12.2	14.3	7.3	0	9.1	15.4	17.8
Infant, child and adolescent health conditions	0	0	22.0	19.0	17.1	5.9	9.1	15.9	16.4
Female genital mutilation	3.6	0	2.4	0	2.4	0	9.1	5.1	8.2
Nutritional conditions	3.6	6.1	9.8	9.5	14.6	17.6	9.1	2.6	9.6
Mental and substance use conditions	0	3.0	9.8	4.8	9.8	5.9	0	10.3	19.2

S4. Health aspect notifications in percentages of total number of papers in different time periods

Health aspect	Papers of direct relevance					Papers of indirect relevance			
	1945-1959 (n=28)	1960-1971 (n=33)	1972-1990 (n=41)	1991-2009 (n=21)	2010-2020 (n=41)	1945-1971 (n=17)	1972-1990 (n=11)	1991-2009 (n=39)	2010-2020 (n=73)
Clinical aspects	32.1	21.2	41.5	23.8	17.0	58.8	18.2	41.0	31.5
Occurrence and epidemiology	60.7	48.5	80.5	66.7	43.9	52.9	36.4	48.7	57.5
Prevention and Health promotion	32.1	12.1	14.6	28.7	22.0	11.8	18.2	23.1	12.3
Service delivery and health care	3.6	3.0	7.3	23.8	22.0	0	9.1	10.3	8.2
Medical products, vaccines etc	7.1	0	7.3	4.8	9.8	0	9.1	0	1.4
Drug therapy	10.7	18.2	7.3	14.3	7.3	0	9.1	2.6	4.1
Capacity building, training	0	6.1	0	0	12.2	0	0	2.6	0
Public health education and communication	3.6	3.0	7.3	14.3	0	0	9.1	17.9	13.7
Migration and refugee health	0	9.1	12.2	4.8	12.2	5.9	18.2	64.1	76.7