

Supplemental materials for:

Hajjar F, Saint-Lary O, Cadwallader J, et al. Development of primary care research in North America, Europe, and Australia From 1974 to 2017. *Ann Fam Med.* 2019;17(1):49-51.

Supplemental Table 2: Number of publications in primary care in 21 countries (1974 to 2017) – Detailed data

DATES	GERMANY	AUSTRIA	BELGIUM	CANADA	CYPRUS	DENMARK	SPAIN	ESTONIA	UNITED STATES	FINLAND	FRANCE	GREECE	IRELAND	ITALY	LUXEMBOURG	NETHERLANDS	CZECH REPUBLIC	UNITED KINGDOM	SLOVENIA	SWEDEN	AUSTRALIA
1974	2	6	2	50	0	19	0	0	303	3	7	0	9	1	0	7	4	202	0	30	47
1975	3	0	0	55	0	17	0	0	352	4	4	0	7	2	0	3	2	171	0	23	39
1976	1	3	1	51	0	42	0	0	307	2	10	0	5	1	0	6	1	170	0	18	76
1977	5	2	1	40	0	19	0	0	368	7	14	2	7	2	0	3	4	163	0	13	44
1978	7	1	2	40	0	13	4	0	419	7	13	0	4	4	0	8	2	189	0	16	33
1979	3	1	1	43	0	29	1	1	423	3	13	1	1	0	0	10	4	188	0	14	27
1980	3	0	3	40	0	31	5	0	385	1	9	1	4	2	0	14	5	206	0	21	33
1981	3	2	2	14	0	19	3	0	291	1	6	0	4	3	0	14	3	273	0	6	36
1982	4	1	3	25	0	14	5	0	283	2	6	0	8	2	0	11	2	256	0	11	28
1983	0	1	2	36	0	25	2	0	306	8	2	0	2	1	0	12	3	271	0	12	8
1984	0	1	4	52	0	26	11	0	301	8	13	0	8	2	0	14	6	302	0	21	30
1985	1	3	2	37	0	16	6	0	350	4	10	0	0	5	0	14	4	258	0	17	19
1986	4	3	4	34	0	37	15	0	403	3	4	1	5	8	0	17	5	249	0	15	33
1987	1	3	4	44	0	20	8	0	382	12	7	0	4	10	0	23	7	254	0	21	29
1988	2	3	1	46	1	29	17	0	414	7	11	1	4	5	0	21	1	255	0	23	37
1989	4	3	7	52	0	37	25	0	500	7	12	1	6	13	0	23	2	308	0	28	47
1990	15	1	7	57	2	36	50	1	565	10	10	1	7	11	0	39	3	338	0	32	60
1991	15	0	2	55	0	34	41	0	612	6	11	3	4	14	0	41	3	332	0	53	75
1992	15	2	3	77	0	40	60	1	729	7	14	3	12	20	0	51	0	353	0	37	85
1993	25	5	5	119	0	38	73	0	874	21	14	1	11	4	0	46	3	381	1	38	85
1994	33	1	6	96	0	22	72	0	1109	9	36	5	9	15	0	54	0	461	1	44	123
1995	42	5	5	130	0	25	74	0	1204	17	28	1	16	14	0	61	0	433	3	55	109
1996	62	4	4	109	0	22	94	1	1006	18	21	2	10	9	2	75	1	490	1	47	142
1997	51	2	5	140	1	33	85	1	1252	20	27	1	12	22	0	67	6	494	2	44	132
1998	47	3	7	144	0	39	68	1	1228	23	42	5	9	21	0	77	0	520	4	52	148
1999	58	3	6	146	0	32	85	1	1158	18	34	4	8	22	0	89	2	584	4	56	164
2000	74	5	10	137	1	37	74	2	1023	17	37	5	16	27	0	82	2	604	3	65	157
2001	66	10	19	157	0	40	73	3	1124	28	49	4	19	27	0	89	2	594	2	75	227
2002	61	14	19	157	0	67	65	3	1111	22	55	6	10	42	0	79	0	651	2	80	205
2003	98	9	16	180	0	40	57	4	1208	29	79	4	13	51	0	88	3	713	5	76	251
2004	106	6	29	202	0	46	73	10	1288	20	88	5	22	56	0	116	5	760	2	62	281
2005	133	9	21	220	0	66	83	3	1293	28	97	9	19	75	0	156	3	825	2	65	297
2006	134	6	32	235	2	50	112	4	1281	30	80	16	38	63	0	185	2	871	3	91	290
2007	149	10	25	305	2	45	100	2	1358	28	103	13	47	72	0	195	0	806	2	88	335
2008	149	8	15	260	2	65	94	2	1343	28	99	13	39	49	1	189	2	725	7	98	347
2009	147	17	27	289	1	48	110	2	1322	31	124	11	57	64	1	170	3	643	9	85	281
2010	166	10	39	322	2	72	125	4	1533	35	92	14	41	83	2	167	4	745	8	101	374
2011	183	17	31	325	1	69	182	4	1668	26	112	11	49	59	0	183	2	795	10	80	396
2012	224	11	40	376	1	95	167	4	1941	35	126	15	51	87	1	214	1	825	7	92	389
2013	238	15	43	376	3	96	174	2	1969	44	112	11	60	96	0	201	4	828	8	113	470
2014	230	22	37	417	2	92	197	4	1992	27	137	12	70	85	1	230	3	847	7	124	515
2015	262	11	27	415	0	87	186	4	1999	30	147	6	55	112	1	237	3	936	4	138	492
2016	131	10	25	345	1	88	135	3	1564	21	105	11	53	86	1	193	4	659	3	112	379
2017	78	8	11	193	0	42	62	0	1003	9	70	4	32	46	1	104	4	516	0	70	242
Total 2017	3035	257	555	6643	22	1859	2873	67	41544	716	2090	203	867	1393	11	3678	120	21444	100	2362	7617
ALL PUBLICATIONS MEDLINE 1974	424	278	152	1183	11	653	236	13	10950	350	749	108	164	499	1	237	780	3754	0	745	818
ALL PUBLICATIONS MEDLINE 2017	3800	432	664	5465	69	1887	3166	102	31830	1180	3004	660	673	3784	22	2811	397	7396	127	2653	6222
TOTAL POPULATION	82521653	8772865	11351727	36155487	854802	5748569	6528024	1315944	328286400	5503297	67595000	10768193	4 784 383	60 589 445	576 249	17 081 507	10578820	65808573	2064188	9995153	24 000 300

Step 1

Bibliographic search of terms defining or associated with PC/GP

Bibliographic search of terms defining or associated with GP/PC since 1974 in all the studied countries (official websites of colleges, boards, national associations; academic journals; international networks like WONCA, WONCA Europe; MEDLINE and grey literature) – More information page 5.

Terms found not included
(overly broad concept or not fulfilling
the main purpose of the work):
Community Health Worker,
Comprehensive Health Care,
Family Nurse Practitioners,
Medicine, Physicians

Terms found included in the search:

Family doctor, Family Healthcare, Family practice, General medical practice, General medical services, General practice, General practitioner, Global family medicine, Medicine general doctor, Physicians family, Physicians primary care, Primary care, Primary care doctor, Primary care professionals, Primary care center, Primary care services, Primary health care

Selected terms were then classified into MeSH terms, entry terms, terms associated with a MeSH term, and terms not recognised in the MESH classification (= term not included)

Step 2

Terms included and not included among those pre-selected during step 1

All MeSH terms, entry terms and terms associated with a MeSH word were included in the bibliographic search (except those with a ∞)

Terms found with the bibliographic search	MeSH terms	Entry terms	Terms associated with a MeSH term	Year of introduction in the MeSH tree	Terms not included
Family Doctor			X Physicians, family		
Family Healthcare					X
Family Medicine			Family Practice		
Family Practice	Family Practice	Family Practices Practice, Family Practices, Family		1978	
General Medical Practice			General practice Insurance, Health∞		
General Medical Services					X
General Medicine			General practice		
General Practice	General practice	Practice, General		2011 Previous indexing : Family Practice (1978-2010)	
General Practitioner	General practitioners			2011 Previous indexing : Family Practice (1978-2010)	
Global Family Medicine					X
Medicine general doctor					X
Physicians Family	Physicians, family	Family Physician Family Physicians Physician, Family		1974	
Physicians Primary Care	Physicians, primary care	Physician, Primary Care Primary Care Physician Primary Care Physicians		2011 Previous indexing : Physicians, family (1980-2010)	
Primary Care			Primary Health Care Primary Care Nursing∞ Physicians, Primary Care		

			Patient health Questionnaire [∞]		
Primary Care Doctor					X
Primary Care Professionals					X
Primary Care Center					X
Primary Care Services			Primary Health Care		
Primary Health Care	Primary Health Care	Care, Primary Health Health Care, Primary Primary Healthcare Healthcare, Primary Primary Care Care, Primary		1974	

Step 3

Terms included in the analysis

The terms included in the analysis are as follows:

Family doctor; Family Medicine; Family practice[MESH]; Family Practices; Practice, Family; Practices, Family; General Medical Practice; General Practice[MESH]; General Medicine; Practice, General; General practitioner; General practitioners[MESH]; Physicians family; Physicians, Family[MESH]; Family Physician; Family Physicians; Physician, Family; Physicians primary care; Physician, Primary Care; Physicians, Primary Care[MESH]; Primary Care Physician; Primary Care Physicians; Primary care; Primary Health Care[MESH]; Physicians, Primary Care; Primary Care Services; Care, Primary Health; Health Care, Primary; Primary Healthcare; Healthcare, Primary; Primary Care; Care, Primary.

The following results were excluded from the search:

Addresses, Autobiography, Bibliography, Biography, Books And Documents, Clinical Conference, Comment, Congresses, Corrected And Republished Article, Dataset, Dictionary, Directory, Duplicate Publication, Editorial, Electronic Supplementary Materials, English Abstracts, Festschrift, Government Publications, Historical Article, Interactive Tutorial, Interview, Introductory Journal Article, Lectures, Legal Cases, Legislation, Letter, News, Newspaper Article, Overall, Patient Education Handout, Periodical Index, Personal Narratives, Portraits, Published Erratum, Research Support, American Recovery And Reinvestment Act, Research Support, N.I.H., Extramural, Research Support, N.I.H., Intramural, Research Support, Non-U.S. Gov't, Research Support, U.S. Gov't, Non-P.H.S., Research Support, U.S. Gov't, P.H.S., Research Support, U.S. Government, Retracted Publication, Retraction Of Publication, Technical Report, Video-Audio Media, Webcasts

Please note:

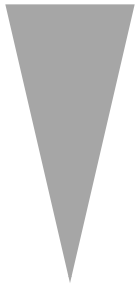
The current Czech Republic benefited from the two MeSH terms in the search “Czech Republic” and “Czechoslovakia” (its name before the separation of the country as of the first of January 1993).

The United Kingdom benefited from five MeSH terms in the search “United Kingdom”, “England”, “Scotland”, “Wales”, and “Northern Ireland”.

Additional information 1: Classification in the MeSH tree of the selected MeSH terms

MeSH headings are organised in a "tree" with 16 main branches: A. Anatomy; B. Organisms; C. Diseases; D. Chemicals and Drugs; E. Analytical, Diagnostic and Therapeutic Techniques and Equipment; F. Psychiatry and Psychology; G. Phenomena and Processes; H. Disciplines and Occupations; I. Anthropology, Education, Sociology and Social Phenomena; J. Technology, Industry, Agriculture; K. Humanities; L. Information Science; M. Named Groups; N. Health Care; V. Publication Characteristics; Z. Geographical

Decreasing
MeSH tree



All MeSH Categories		
H- Disciplines and Occupations	M- Named groups	N- Health care
Discipline and occupations category	Persons category	Health care category
Health occupations	Health personnel	Health personnel
Medicine	Physicians	Physicians
General practice*	Physicians, Family* Physicians, Primary Care*	General practitioners* Physicians, Family* Physicians, Primary Care*
Family practice*		

* MESH terms in black and bold character were included in the search

Additional information 2: Choice of resources used to list the terms associated or defining GP/PC

Country	Organisation	Website
Austria	The Austrian Society of General Practice/Family Medicine	https://oegam.at/
Australie	Royal Australian College of General Practitioners Formerly Australian Family Physician (AFP)	https://www.racgp.org.au/home
Belgium	Belgian Society for General Practitioners/Family Physicians	www.ssmg.be
Canada	College of Family Physicians of Canada (CFPC)	www.cfpc.ca
Cyprus	Cyprus Medical Association Training of Family Practitioners for NHIS	
Czech Republic	The Czech Society of General Practice	https://www.svl.cz/en/czech-society-of-general-practice/
Denmark	The Danish College of General Practitioners	http://www.dsam.dk/flx/english/
Estonia	The Estonian Society of Family Doctors Family Physicians Association of Estonia	http://www.perearstiselts.ee/
Finland	The Finnish Association for General Practice Nordic Federation of General Practice	http://www.syly.fi/
France	Collège de la Médecine Générale Société française de médecine générale	http://www.lecmg.fr/internet/index.php http://www.sfm.org/accueil/
Germany	The German Society of General Practice/Family Medicine	https://www.degam.de/
Greece	The Greek Association of General Practitioners Greek association of general practice/family medicine Greek Company of General Medicine Doctors Greek Union of Medicine General Doctors	https://elegeia.gr/
Ireland	The Irish College of General Practitioners	https://www.icgp.ie/
Italy	Center for Studies and Research in General Practice Italian Scientific Society for General Practice	http://www.csermeg.it/
Luxembourg	Luxemburgish Scientific Society for General Practice	http://www.alformec.lu/sslmg.html
Netherlands	Dutch College of General Practitioners	www.nhg.org
Scotland	RCGP Scotland	http://www.rcgp.org.uk/rcgp-near-you/rcgp-nations/rcgp-scotland.aspx
Slovenia	The Slovenian Medical Association Section for General Practice	www.drmed.org
Spain	The Spanish Society of Family and Community Medicine	https://www.semfyec.es/la-semfyec/estructura/organos-de-gobierno/
Sweden	The Swedish Association of General Practice	http://www.sfam.se/
United Kingdom	Royal College Of General Practitioners	http://www.rcgp.org.uk/
USA	American Academy of Family Physicians American Board of Family Medicine	www.aafp.org www.theabfm.org

For Europe - More references in:

Kringos DS, Boerma WGW, Hutchinson A, et al., editors. Building primary care in a changing Europe: Case studies [Internet]. Observatory Studies Series, No. 40. Copenhagen (Denmark): European Observatory on Health Systems and Policies