

### Special competences of physicians of working age in Finland

Special competence	Total	Female
Addiction Medicine	85	47
Adolescent Medicine	94	90
Andrology	12	4
Cardiac Anaesthesia (*)	37	12
Child Anaesthesia and Intensive Care (*)	24	18
Child and School Health Care	45	40
Child Psychotherapy	23	21
Child Rheumatology (*)	8	6
Diving Medicine and Hyperbaric Oxygen Treatment	14	3
Emergency Medicine (*)	78	31
Eye Surgery	132	55
General Hospital Psychiatry	48	31
Healthcare Information Technology	66	19
Hospital Hygiene	25	10
Insurance Medicine	108	66
Intensive Care Medicine (*)	34	12
International Health Care	23	12
Laboratory Haematology (*)	10	7
Medical Aspects of Intellectual Disability	14	12
Medical Education	261	184
Memory Diseases	58	45
Military Medicine	32	4
Musicians' Medicine	17	10
Neuroanaesthesiology (*)	14	11
Obstetric Anaesthesiology (*)	10	5
Pain Management	82	43
Palliative Medicine	149	131
Pediatric Orthopaedics and Traumatology	12	3
Pharmaceutical Medicine	43	22
Prehospital Emergency Medicine (*)	83	28
Psychotherapy	116	89
Rehabilitation	160	99
Rheuma-Orthopaedics	16	3
Screening Mammography	90	51
Sleep Medicine	27	14
Traffic Medicine	15	7
Training of Child Psychotherapy	11	10
Training of Psychotherapy	46	38
Travel Medicine	13	6
Treatment of Diabetes	129	99
Wound Management	88	70
<b>Total</b>	<b>2 352</b>	<b>1468</b>

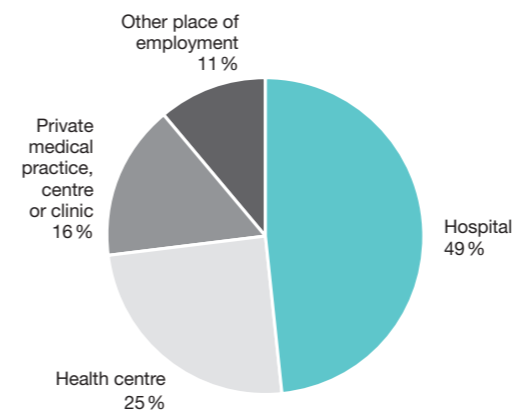
\*) discontinued Source: Finnish Medical Association 2019

### Physicians of working age in Finland by hospital district and expert responsibility area

	Physicians	Inhabitants/ physician	Physicians / 1 000 inhabitants
Helsinki and Uusimaa	7 488	223	4,5
Kymenlaakso	352	473	2,1
Päijät-Häme	539	392	2,6
South Karelia	294	438	2,3
<b>HUCH ERA total</b>	<b>8 673</b>	<b>251</b>	<b>4,0</b>
Central Finland	777	325	3,1
Itä-Savo	82	501	2,0
North Karelia	446	371	2,7
North-Savo	1 392	176	5,7
South-Savo	218	460	2,2
<b>KUH ERA total</b>	<b>2 915</b>	<b>276</b>	<b>3,6</b>
Central Ostrobothnia	182	427	2,3
Kainuu	165	443	2,3
Lappi	359	327	3,1
Länsi-Pohja	101	606	1,7
North Ostrobothnia	1 865	220	4,6
<b>OUH ERA total</b>	<b>2 672</b>	<b>276</b>	<b>3,6</b>
Kanta-Häme	421	407	2,5
Pirkanmaa	2 614	205	4,9
South Ostrobothnia	469	414	2,4
<b>TAUH ERA total</b>	<b>3 504</b>	<b>257</b>	<b>3,9</b>
Satakunta	470	465	2,2
Southwest Finland	2 407	200	5,0
Vaasa	444	382	2,6
<b>TUCH ERA total</b>	<b>3 321</b>	<b>262</b>	<b>3,8</b>
Åland	63	473	2,1
<b>Whole country</b>	<b>21 148</b>	<b>261</b>	<b>3,8</b>

Source: THL 2018

### Working age physicians by place of employment in 2019



Source: Physicians' working conditions, health and working capacity in 2019, n = 2 869



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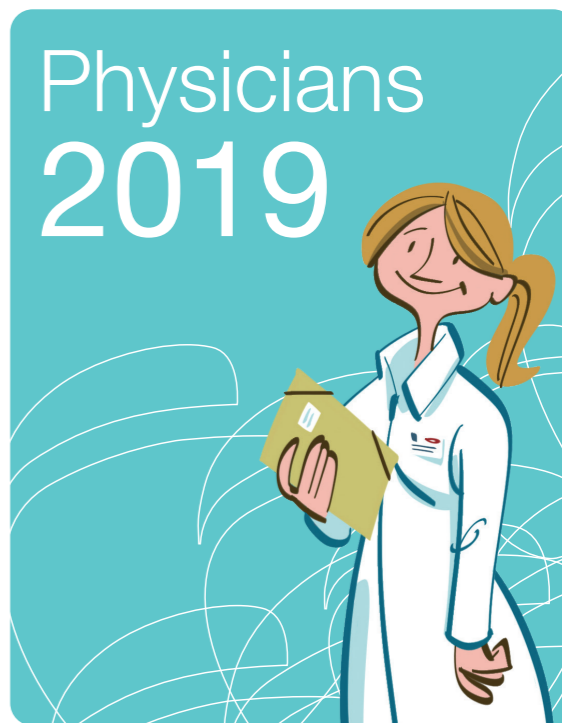
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FINNISH MEDICAL  
ASSOCIATION



Physicians  
2019

## Total number of medical doctors increasing

The total number of registered physicians in Finland on 31 December 2018 was 30,272. Of these physicians, 27,264 were resident in Finland and 21,148 were formally of working age (under 65 years of age). There are 261 inhabitants per medical doctor of working age in our country. Physicians in other European Union countries also obtain licensing from Finland. Not all of them apply to work in Finland, so the labour force of medical doctors in Finland is smaller than the actual number of licensed physicians.

### Number of physicians in 1900–2018

Year	Licensed physicians	Female %	Specialists %	New students	Physicians of working age in Finland
1900	373	1			
1910	523	3			
1920	657	6			
1930	1 000	9			
1940	1 394	13			
1950	2 034	21		127	
1960	2 915	22	41	317	
1970	4 965	27	45	488	
1980	9 517	33	48	557	
1990	13 894	42	52	528	
2000	18 590	48	59	485	16 020
2010	23 609	53	63	611	18 933
2018	30 272	54	63	736	21 148

Source: Finnish Medical Association 1900–2010, THL 2018

The figures for 1900–2010 are based on the situation on 1.1.

The figure for 2018 is based on the situation on 31.12.

## Physicians of working age: 59% specialized

After graduating as a physician, it is possible to specialize in as many as 50 fields. In Finland, there are 12,543 specialists of working age who hold 15,030 specialist licences. The largest specialization is general practice, and the smallest is oral and maxillofacial surgery.

### Physicians living in Finland by age and gender

Age	Physicians		Female	
	Number	%	Number	%
under 35	4 670	17	2 780	60
35–44	5 617	21	3 604	64
45–54	5 133	19	3 251	63
55–64	5 728	21	3 174	55
<b>Total number of working age physicians</b>	<b>21 148</b>	<b>78</b>	<b>12 809</b>	<b>61</b>
65–74	4 073	15	1 616	40
75–84	1 684	6	534	32
over 84	359	1	122	34
<b>Total</b>	<b>27 264</b>	<b>100</b>	<b>15 081</b>	<b>55</b>

### Specialist physicians living in Finland by age and gender

Age	Physicians		Female	
	Number	%	Number	%
under 35	314	2	176	56
35–44	3 378	19	2 102	62
45–54	4 201	24	2 665	63
55–64	4 650	26	2 589	56
<b>Total number of working age specialists</b>	<b>12 543</b>	<b>71</b>	<b>7 532</b>	<b>60</b>
65–74	3 345	19	1 261	38
75–84	1 484	8	448	30
over 84	326	2	105	32
<b>Total</b>	<b>17 698</b>	<b>100</b>	<b>9 346</b>	<b>53</b>

Source: THL 2018

Medical doctors can also acquire special competences granted by the Finnish Medical Association. By 31 December 2019, 2,352 special competences had been granted to physicians of working age.

### Specialist licences of physicians of working age in Finland

Speciality	Licences		Speciality	Licences	
	Total	Female		Total	Female
Adolescent Psychiatry	173	137	Nephrology	95	57
Anaesthesiology and Intensive Care Medicine	903	454	Neurology	359	223
Cardiology	279	93	Neurosurgery	79	22
Cardiothoracic Surgery	107	15	Obstetrics and Gynaecology	680	592
Child Neurology	106	91	Occupational Health	894	616
Child Psychiatry	248	229	Oncology	217	169
Clinical Chemistry	85	52	Ophthalmology	500	262
Clinical Genetics	31	28	Oral and Maxillofacial Surgery	20	6
Clinical Haematology	80	59	Orthopaedics and Traumatology	512	81
Clinical Microbiology	83	42	Otolaryngology	343	148
Clinical Neurophysiology	78	40	Paediatric Surgery	67	41
Clinical Pharmacology and Pharmacotherapy	38	14	Paediatrics	666	485
Clinical Physiology and Nuclear Medicine	74	26	Pathology	151	81
Dermatology and Allergology	210	173	Phoniatrics	21	17
Emergency Medicine	88	35	Physical and Rehabilitation Medicine	155	86
Endocrinology	67	45	Plastic Surgery	118	76
Forensic Medicine	33	19	Psychiatry	1 032	679
Forensic Psychiatry	62	34	Public Health	119	72
Gastroenterological Surgery	261	117	Radiology	614	289
Gastroenterology	130	44	Respiratory Medicine and Allergology	222	156
General Practice	2 362	1 620	Rheumatology	105	62
General Surgery	644	187	Sports Medicine	46	13
Geriatrics	346	269	Urology	144	33
Hand Surgery	71	27	Vascular Surgery	69	27
Infectious Diseases	112	66	<b>Total</b>	<b>15 030</b>	<b>8 822</b>
Internal Medicine	1 131	613			

The statistics regarding the total number of physicians are based on the Terhikki register, maintained by Valvira (the National Supervisory Authority for Welfare and Health).

Source: THL 2018