

Data annexe

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Introduction

This document contains all data used in the report that is not included in The state of medical education and practice reference tables or available through public sources.

Figure 1: [Reference tables about the register of medical practitioners, Table 223](#)

Figure 2: [Data relating to Figure 2 Doctors taking up a licence for the first time, by route, 2012–2024](#)

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
UK	7,078	7,448	7,382	7,416	7,163	7,024	7,172	7,333	7,429	7,347
IMG sponsorship	267	354	444	574	697	848	992	1,176	1,045	1,250
IMG PLAB	1,255	1,119	1,084	1,313	1,589	1,986	2,883	4,546	3,814	4,971
IMG PGQ	384	443	496	551	766	1,006	1,673	2,296	2,360	2,491
IMG AORE	-	-	-	-	-	-	-	-	-	500
IMG REQ	-	-	-	-	-	-	-	-	-	1,628
EEA	3,140	3,476	3,607	1,626	1,817	1,818	1,864	1,953	1,782	714
Other	26	20	22	24	12	11	17	16	20	28
Total	12,150	12,860	13,035	11,504	12,044	12,693	14,601	17,320	16,450	18,929

	2022	2023	2024
UK	7,797	8,265	9,237
IMG sponsorship	1,070	1,650	1,107
IMG PLAB	7,962	9,250	11,780
IMG PGQ	1,693	3,847	3,285
IMG AORE	214	209	85
IMG REQ	2,142	2,956	2,373
EEA	19	28	17
Other	15	31	22
Total	20,912	26,236	27,906

Figure 3: Data relating to Figure 3 Percentages of IMG PLAB joiner cohorts holding a designated body (DB) connection, by days since first registering

Days to DB connection	2021	2022	2023	2024
0	0%	0%	0%	0%
10	1%	1%	1%	0%
20	1%	1%	1%	0%
30	2%	2%	1%	1%
40	4%	3%	3%	2%
50	5%	4%	4%	2%
60	6%	5%	4%	2%
70	7%	5%	5%	3%
80	8%	6%	6%	3%
90	9%	7%	7%	4%
100	11%	8%	7%	5%
110	12%	10%	8%	5%
120	14%	12%	9%	6%
130	17%	16%	12%	8%
140	19%	18%	13%	8%
150	20%	20%	15%	9%
160	22%	21%	16%	10%
170	24%	24%	18%	11%
180	25%	25%	20%	12%
186	26%	26%	20%	13%

Figure 4: Data relating to Figure 4 Doctors no longer holding a licence, by PMQ, 2017–2024

	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
UK and never DB connected	1,288	362	185	222	204	151	219	230	241	258
UK and had connected	5,361	5,079	4,731	4,708	4,615	3,209	4,427	5,295	5,244	5,793
Non-UK and never DB connected	4,439	2,201	833	748	798	687	1,355	1,826	1,955	5,193
Non-UK and had connected	4,542	4,020	3,952	3,772	4,050	2,847	3,824	3,968	3,869	4,880

Figure 5: Data relating to Figure 5 Proportion of doctors relinquishing their licence each year, 2017–2024 – excluding those never connected to a DB

	2017	2018	2019	2020	2021	2022	2023	2024
UK	3.0%	2.9%	2.8%	1.9%	2.6%	3.0%	2.9%	3.2%
Non-UK	5.4%	4.9%	5.0%	3.3%	4.2%	4.0%	3.6%	4.3%
All doctors	3.8%	3.6%	3.5%	2.4%	3.1%	3.4%	3.2%	3.6%

Figure 6: Data relating to Figure 6 Non-UK PMQ doctors applying for – and being offered – CT1 or ST1 training places, each academic year 2011/12 to 2023/24

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Applied for CT1/ST1 training post	3,013	2,952	2,520	2,970	3,467	3,568	4,259	5,326
Offered a CT1/ST1 training post	746	755	566	1,200	1,355	1,434	2,024	2,559

	2019/20	2020/21	2021/22	2022/23	2023/24
Applied for CT1/ST1 training post	6,579	7,862	9,561	12,621	18,857
Offered a CT1/ST1 training post	3,507	3,886	4,684	4,280	4,406

Figure 7: Data relating to Figure 7 UK doctors applying for – and being offered – CT1 or ST1 training places, each academic year 2011/12 to 2023/24

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19
Applied for CT1/ST1 training post	7,300	8,473	8,205	8,978	9,202	9,054	9,057	8,836
Offered a CT1/ST1 training post	5,478	6,154	5,849	7,434	7,484	7,324	7,268	6,919

	2019/20	2020/21	2021/22	2022/23	2023/24
Applied for CT1/ST1 training post	9,121	10,076	9,580	9,712	11,319
Offered a CT1/ST1 training post	7,148	7,528	7,237	7,130	7,770

Figure 8: Data relating to Figure 8 Proportions of doctors applying for postgraduate training to receive an offer, by PMQ

	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20
Non-UK	25%	26%	22%	40%	39%	40%	48%	48%	53%
UK	75%	73%	71%	83%	81%	81%	80%	78%	78%

	2020/21	2021/22	2022/23	2023/24
Non-UK	49%	49%	34%	23%
UK	75%	76%	73%	69%

Figure 9: Data relating to Figure 9 Percentage of doctors to receive an offer after applying for speciality training in the 2023/24 academic year, by programme and PMQ

	UK	Non-UK
General practice	79%	23%
Core psychiatry training	66%	19%
Paediatrics	65%	16%
Internal medicine training	58%	25%
Obstetrics and gynaecology	53%	8%
Core anaesthetics training	53%	18%
Core surgical training	51%	9%
Broad based training	51%	15%
Community sexual and reproductive health	49%	29%
Ophthalmology	43%	10%
Histopathology	42%	13%
Emergency medicine	33%	6%
Clinical radiology	30%	3%
Vascular surgery	28%	7%
Neurosurgery	22%	3%
Public health medicine	20%	2%
Cardio-thoracic surgery	14%	1%

Figure 10: Data relating to Figure 10 Competition ratios for 2024 entry to specialty training programmes* and non-UK PMQ proportions in CT1/ST1

Training programme	Competition ratio (2024 entry)	IMG proportion among 2024 ST1 doctors in training (%)
Oral and maxillo facial surgery	1.89	14
Paediatrics	3.3	25
General practice	3.67	50
Internal medicine	3.69	39
Histopathology	5.04	45
Core surgical	5.25	15
Anaesthetics	6.5	5
Obstetrics and gynaecology	7	29
Core psychiatry	9.45	38
Clinical radiology	11.92	18
Ophthalmology	14.41	14
Public health medicine	17.46	6
Neurosurgery	19.67	25
Community sexual and reproductive health	25.61	0
Cardiothoracic surgery	45.33	14

* NHS England (2025) 'Competition ratios for 2024', [2024 Competition ratios | Medical Hub](#) [accessed 21/05/2025]

Figure 11: Data relating to Figure 11 Non-UK PMQ doctors in training in 2024, by years between taking up a licence and entering PG training (top); and with cumulative numbers and proportions (bottom)

Years between joining the workforce and entering PG training	Number of doctors in training
0	4,030
1	5,138
2	6,066
3	3,480
4	1,626
5	721
6	319
7	172
8	121
9	83
10	62
>10	209

Figure 12: Data relating to Figure 12 Licensed, not licensed, and TER doctors, 2012–2024

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Licensed	236,244	238,261	236,921	234,732	237,239	242,642	250,210	260,320	272,255	283,663
Not licensed	16,307	21,397	30,247	39,015	43,536	45,834	48,267	50,999	38,032	44,060
TER	-	-	-	-	-	-	-	-	25,307	22,713

	2022	2023	2024
Licensed	296,182	313,829	328,149
Not licensed	51,899	55,778	65,208
TER	9,117	8,447	-

Figure 13: Data relating to Figure 13 Doctors joining or leaving the workforce, 2017–2024

	2017	2018	2019	2020	2021	2022	2023	2024
Leavers (had connected)	8,683	8,480	8,665	6,056	8,251	9,263	9,113	10,673
Leavers (never connected)	1,018	970	1,002	838	1,574	2,056	2,196	5,451
Joiners	15,104	17,018	19,777	18,829	21,233	23,838	28,956	30,444

Figure 14: Reference tables about the register of medical practitioners, Table 3**Figure 15: Reference tables about the register of medical practitioners, Table 24****Figure 16: Data relating to Figure 16 Female proportion of licensed doctors in each specialty, 2012–2024**

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Anaesthetics and intensive care medicine	31%	32%	33%	34%	34%	35%	35%	36%	36%	37%	37%	37%	38%
Emergency medicine	30%	31%	32%	32%	33%	34%	35%	35%	36%	36%	37%	37%	37%
Medicine	31%	32%	34%	35%	36%	37%	38%	39%	39%	40%	41%	41%	42%
Obstetrics and gynaecology	44%	46%	48%	51%	52%	54%	56%	57%	59%	60%	61%	62%	63%
Occupational medicine	27%	27%	30%	30%	31%	31%	32%	33%	33%	33%	33%	35%	38%
Ophthalmology	25%	26%	27%	28%	29%	30%	31%	32%	33%	34%	34%	35%	35%
Other or multiple	25%	26%	26%	27%	27%	27%	28%	29%	28%	30%	30%	31%	30%
Paediatrics	49%	50%	51%	52%	54%	54%	55%	57%	58%	58%	59%	60%	61%
Pathology	42%	43%	44%	45%	46%	47%	48%	49%	49%	50%	50%	51%	52%
Psychiatry	40%	41%	41%	42%	42%	43%	44%	44%	45%	45%	46%	46%	47%
Public health	48%	49%	50%	52%	52%	54%	53%	53%	54%	55%	56%	58%	59%
Radiology	35%	35%	36%	37%	38%	38%	38%	39%	39%	40%	40%	40%	40%
Surgery	9%	10%	11%	11%	12%	13%	13%	14%	14%	15%	16%	16%	17%
General practice	48%	49%	51%	52%	53%	54%	55%	56%	57%	57%	58%	58%	58%

Figure 17: Data relating to Figure 17 Registered doctors, by gender, 1859–2011

Year	Men	Women
1859	16,080	1
1866	17,660	2
1871	17,848	2
1881	23,250	25
1886	-	50
1891	29,426	129
1901	36,456	456
1911	39,383	930
1921	43,308	2,100
1931	50,304	5,300
1932	55,952	5,391
1941	60,692	6,300
1951	72,756	9,500
1961	85,248	12,800
1971	107,608	16,000
1981	97,503	29,563
1991	137,271	51,012
2001	135,931	69,912
2011	141,256	104,564

Figure 21: Data relating to Figure 21 Proportions of licensed doctors who had a declared disability in 2024, by age

Age	% reporting a disability	Age	% reporting a disability
23	12%	52	3%
24	11%	53	4%
25	11%	54	4%
26	10%	55	4%
27	9%	56	3%
28	8%	57	4%
29	8%	58	4%
30	7%	59	4%
31	7%	60	4%
32	7%	61	4%
33	5%	62	4%
34	6%	63	4%
35	5%	64	4%
36	5%	65	3%
37	5%	66	4%
38	5%	67	4%
39	5%	68	5%
40	4%	69	4%
41	4%	70	5%
42	4%	71	2%
43	4%	72	6%
44	4%	73	4%
45	4%	74	4%
46	4%	75	3%
47	4%	76	4%
48	3%	77	6%
49	3%	78	5%
50	4%	79	6%
51	3%	80	3%

Figure 22: Data relating to Figure 22 Licensed doctors on neither register and not in training working in England and Wales, by NHS contract job role, 2014–2024

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Consultant contract	2,462	2,632	2,799	3,179	3,383	3,733	3,952	4,134	4,432	4,717	4,670
LE - job role	11,892	12,642	13,905	16,614	18,004	20,445	23,109	24,885	29,117	35,716	38,394
No contract data	12,931	12,244	11,485	10,374	10,572	10,796	11,005	12,078	13,208	11,999	10,651
SAS - job role	8,475	8,355	8,422	8,762	8,954	9,451	9,927	10,433	10,909	12,008	12,577

Figure 23: Data relating to Figure 23 Licensed doctors on neither register and not in training in England and Wales in 2024, by contract type, PMQ and UK experience

Role	UK under 5 years	UK 5 years or more	Non-UK under 5 years	Non-UK 5 years or more
No contract data	4%	16%	49%	31%
Consultant contract	0%	14%	24%	61%
SAS - job role	0%	19%	29%	52%
LE - job role	20%	14%	50%	16%

Figure 24: Data relating to Figure 24 Ratio of LE and SAS doctors per doctor on the specialist register in each specialty, England and Wales, 2020–2024

		2020	2021	2022	2023	2024
Anaesthetics and intensive care medicine	LE/specialist	0.21	0.22	0.22	0.25	0.26
	SAS/specialist	0.17	0.17	0.18	0.18	0.18
Emergency medicine	LE/specialist	1.01	1.05	1.09	1.39	1.38
	SAS/specialist	0.57	0.57	0.58	0.61	0.60
Medicine	LE/specialist	0.38	0.40	0.47	0.57	0.59
	SAS/specialist	0.10	0.10	0.10	0.11	0.11
Obstetrics and gynaecology	LE/specialist	0.19	0.19	0.22	0.30	0.31
	SAS/specialist	0.14	0.14	0.14	0.14	0.13
Occupational medicine	LE/specialist	0.02	0.01	0.02	0.03	0.03
	SAS/specialist	0.02	0.02	0.02	0.02	0.02
Ophthalmology	LE/specialist	0.12	0.13	0.15	0.17	0.16
	SAS/specialist	0.25	0.26	0.25	0.25	0.26
Paediatrics	LE/specialist	0.19	0.19	0.20	0.25	0.25
	SAS/specialist	0.12	0.12	0.12	0.12	0.12
Pathology	LE/specialist	0.05	0.05	0.04	0.06	0.07
	SAS/specialist	0.04	0.04	0.05	0.06	0.07
Psychiatry	LE/specialist	0.06	0.07	0.07	0.13	0.16
	SAS/specialist	0.18	0.18	0.19	0.22	0.23
Public health	LE/specialist	0.08	0.08	0.10	0.16	0.17
	SAS/specialist	0.08	0.08	0.08	0.10	0.11
Radiology	LE/specialist	0.06	0.06	0.06	0.07	0.07
	SAS/specialist	0.03	0.03	0.03	0.04	0.04
Surgery	LE/specialist	0.32	0.34	0.37	0.46	0.52
	SAS/specialist	0.13	0.13	0.13	0.14	0.14
Other	LE/specialist	0.52	0.83	1.06	1.22	1.18
	SAS/specialist	0.12	0.20	0.24	0.23	0.17

Figure 25: Data relating to Figure 25 Employment types of LE, SAS and Consultants (not on the specialist register) in England and Wales, 2024

	LE	SAS	Consultant (not on the specialist register)
Bank	12%	1%	8%
Fixed term	64%	11%	52%
Fixed term temp	12%	4%	12%
Honorary	1%	0%	1%
Locum	3%	1%	5%
Permanent	9%	83%	21%

Figure 26: Data relating to Figure 26 Proportion of 2019 graduates, by UK country medical school, that remained licensed and in the same UK country, 2020–2024

	2020	2021	2022	2023	2024
England	91%	91%	88%	82%	81%
Northern Ireland	57%	57%	51%	40%	44%
Scotland	71%	70%	57%	50%	51%
Wales	43%	43%	33%	31%	31%

Figure 27: Data relating to Figure 27 Proportion of doctors in F2 in 2019 remaining licensed and in the same country, 2020–2024

	2020	2021	2022	2023	2024
England	96%	91%	90%	90%	88%
Northern Ireland	86%	80%	80%	78%	75%
Scotland	82%	68%	63%	61%	61%
Wales	68%	60%	60%	58%	54%

Figure 28: Data relating to Figure 28 Proportion of doctors that gained a CCT in 2020 and then remained licensed in the same country, 2020–2024

	2020	2021	2022	2023	2024
England	99%	97%	96%	95%	93%
Northern Ireland	93%	92%	96%	96%	93%
Scotland	91%	90%	89%	88%	86%
Wales	85%	87%	88%	86%	84%

Figure 29: Data relating to Figure 29 Proportions of joiners to the GP or specialist register (2016–2019) who left within 5 years, by specialty, by ever in UK training

	Never in UK training	Appeared in UK training
Public health medicine	15%	12%
Occupational medicine	17%	10%
Emergency medicine	23%	6%
Psychiatry	28%	9%
Radiology	30%	9%
Obstetrics and gynaecology	32%	8%
Medicine	34%	7%
Pathology	35%	7%
Paediatrics	40%	8%
Surgery	40%	8%
Other specialty or multiple specialty groups	43%	0%
Anaesthetics and intensive care medicine	44%	7%
Ophthalmology	46%	13%

Figure 30: Data relating to Figure 30 Training stage and licence status of doctors graduating from the ScotGEM programme, 2022–2024

Source group	End group	Value
F1 2022	F2 2023	51
F1 2022	F1 2023	1
F2 2023	F2 2024	1
F2 2023	Not in training	26
F2 2023	ST1 2024	16
F2 2023	CT1 2024	6
F2 2023	No longer licensed	2
	F1 2024	58
F1 2023	F1 2024	1
F1 2023	F2 2024	45

Figure 31: Data relating to Figure 31 Proportions of ScotGEM graduates working in each Scottish Health Board, with comparison to all doctors in training in Scotland and all licensed doctors in Scotland, 2024

	ScotGEM	All licensed doctors working in Scotland	Doctors in training in Scotland
Orkney	0%	0%	0%
Shetland	0%	1%	0%
Western Isles	0%	0%	0%
Ayrshire and Arran	1%	5%	5%
Borders	3%	2%	1%
Fife	3%	5%	4%
Forth Valley	5%	4%	4%
Grampian	8%	10%	11%
Lanarkshire	8%	8%	8%
Dumfries and Galloway	9%	2%	2%
Highland	10%	5%	4%
Tayside	16%	8%	10%
Lothian	17%	20%	20%
Greater Glasgow and Clyde	21%	29%	30%