

**NHS Hospital and Community Health Services:
Medical and Dental staff
England
1996-2006**

MAIN FINDINGS

- The number of all medical and dental staff in England continued to grow in 2006 although at a slower rate than previous years.
- The number of female staff has risen by 63% since 1996 to nearly 36,000 in 2006. In comparison male staff increased by only 36% and females now account for 38% of staff.
- In 2006 there were nearly 33,000 consultants – the highest figure ever. The growth rate slowed to 2.8% in 2006 from an average annual rate of 4.9% over the last ten years.
- The annual growth rate for doctors in training over the last ten years was 4.8% and this continued at a similar rate in 2006 with a 4.4% increase.

CONTENTS

Text

Introduction	1
Analysis and Commentary	1-4
Definitions	4-5
Explanatory Notes	5
Table conventions	5
Further Information	6
Index to Tables	7
Tables	8 - 20

INTRODUCTION

This Statistical Bulletin relates to medical and dental staff employed within the hospital and community health services (HCHS) of the NHS in England. The data were collected through annual censuses of the medical and dental workforce conducted by The Information Centre.

The most recent statistics presented in this Bulletin relate to staff in post on 30 September 2006. A ten year time series is given for comparative information.

Information on HCHS non-medical staff and on general medical practitioners is published in other Information Centre Statistical Bulletins. However, Table 1a/b show all NHS staff for reference, for further information see page 6.

ANALYSIS AND COMMENTARY

All NHS staff (Table 1a and 1b)

Between 1996 and 2006 the number of all doctors (HCHS medical & dental and General medical practitioners) in England increased by 45% to 125,612.

The total number of HCHS medical and

dental staff employed in the NHS in England in September 2006 was 93,320. This represents an increase of all HCHS medical and dental staff over the period 1996 to 2006 of 45%.

Between 1996 and 2006, the full time equivalent number of HCHS medical and dental staff increased by 59% to 85,975.

Medical & Dental staff by grade (Tables 2a and 2b)

A new curriculum for doctors in training and equivalents was introduced in 2005 as part of the Modernising Medical Careers Programme. There are now two foundation years that the census records. Foundation Doctors in their second year (F2) and those in their first year (F1), which are shown with the House Officer grade

Figure 1 shows the doctors in training and equivalents and consultant numbers over the ten year period from 1996 to 2006

Between 1996 and 2006, the number of consultants has grown at an average annual rate of 4.9% to 32,874. Over the same period the number of doctors in training and equivalents has grown at an

Figure 1: Number of Consultants and Doctors in training & equivalents

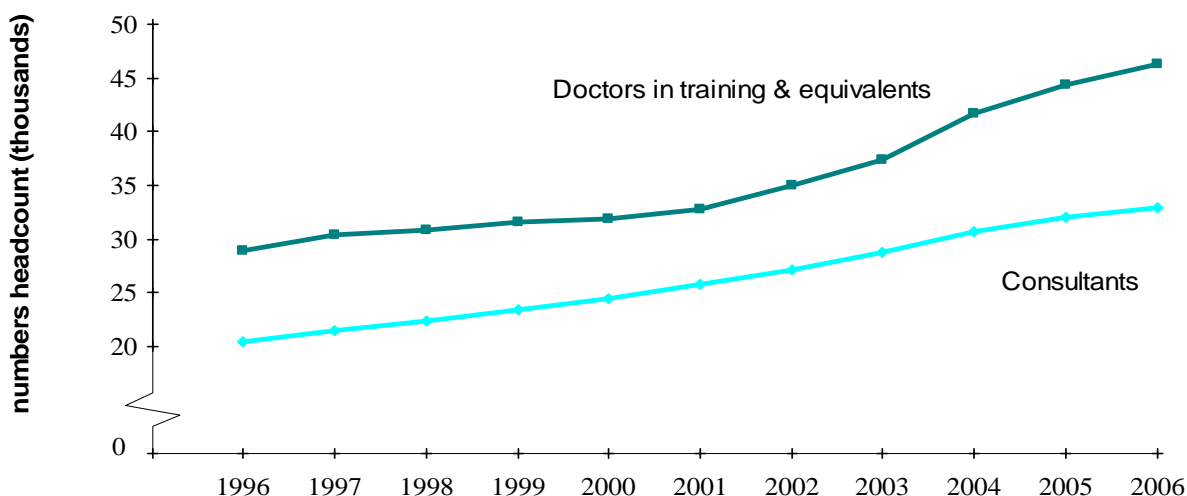
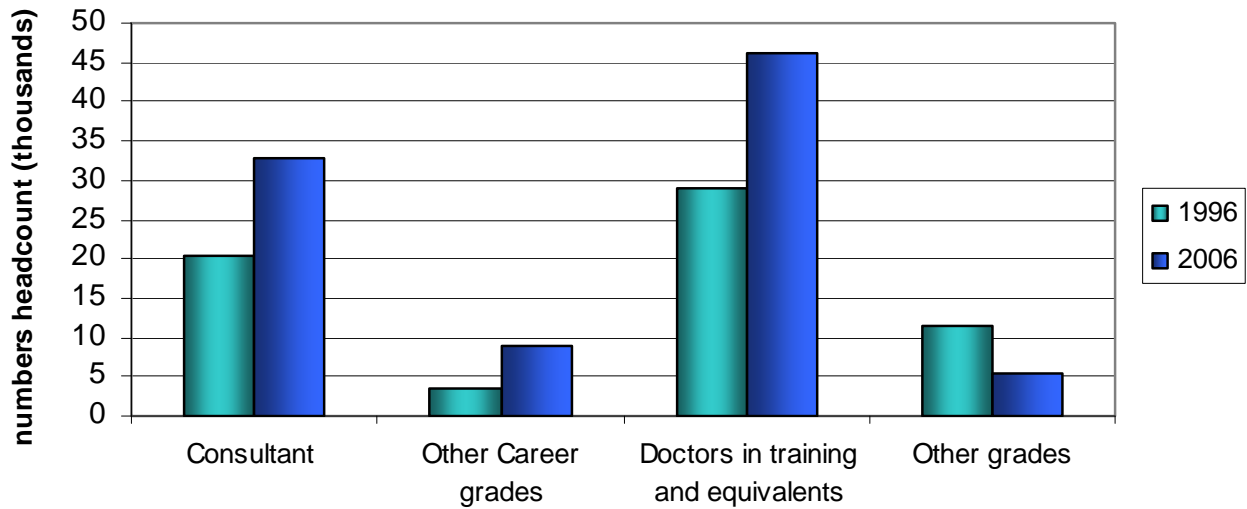


Figure 2: Medical & dental staff by grade



annual rate of 4.8% to 46,269. In 2006, 35% of doctors were consultants and 50% were doctors in training and equivalents compared to 32% and 45% respectively, in 1996.

The large increases in the number of doctors in training and equivalents (see Figure 2) is partly due to an increase in the number of individuals in this group who do not hold an educationally approved training post (these would include Trust Grade Doctors or other similarly locally employed non-standard grades); these staff cannot be separately identified.

Numbers in the Associate Specialist and Staff Grades have grown steadily over the period 1996 to 2006. By 2006, there were 2,830 Associate Specialists and 5,937 Staff Grades in England.

Staff by gender (Table 3)

Since 1996, the percentage of medical and dental staff that are female has increased in most grades. The total number of female staff has risen by 63% since 1996 to 35,712 in 2006. This is a large change compared to male staff, where the increase is only 36%. Consequently the proportion of female medical and dental staff has increased from 34% in 1996 to 38% in 2006. There has

also been a steady increase between 1996 and 2006 in the proportion of consultants who are female (from 20% to 27% of the total).

The distribution of medical and dental staff by gender is shown in figure 3 for 1996 and 2006.

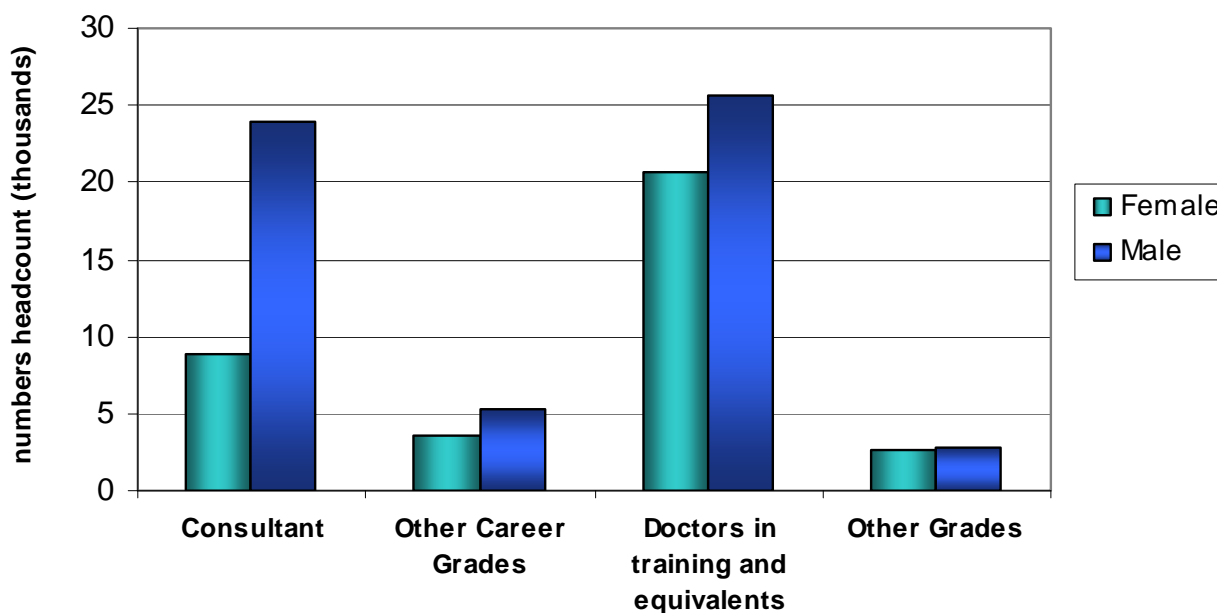
Female doctors represent 40% of staff in the Registrar group of grades. This combined with the fact that over half of all house officers and F1s are women suggests that the proportion of female consultants will continue to rise. The proportion of women amongst doctors in training and equivalents on a whole is 45%.

Overseas qualified medical staff (Table 4)

Table 4 shows staff in medical (non-dental) specialties by grade and country of qualification group (that is, the country in which they obtained their primary medical qualification, grouped into UK, European Economic Area (EEA) and other).

Naturally, most of the medical staff working in England (62%) were qualified within the UK. However this has gradually declined over the decade from 70% in 1996. For Registrars, only 57% have qualified in the UK and 53% of the SHO grade.

Figure 3: Medical & dental staff by grade & gender



The staff grade and associate specialist grades had the greatest concentrations of overseas doctors, with 64% and 60% respectively qualified outside the EEA.

There are a large number of non-EEA qualified consultants (6,691); however, this figure represents only 21% of all medical consultants, with 72% of medical consultants qualified within the UK.

The number of medical staff that qualified outside the EEA has increased steadily from 14,321 (24% of the total) in 1996 to 28,337 (32% of the total) in 2006. However, over half of the doctors who qualified outside the EEA were within the training grades; and many will leave the UK on completion of their training.

The proportion who qualified within other EEA countries has decreased slightly from 6.6% to 6.3% in 2006. However, the number increased slightly from 4,017 in 1996 to 5,629 in 2006. Within this there are 2,228 consultants which account for 40% of the number qualified in other EEA countries in 2006.

Figures for all years have been revised to allow for the recent enlargement of the EU.

Types of contract (Tables 5 and 6)

In 2006, 66% of all female and 85% of all male consultants held full-time or maximum part-time contracts; 92% of all female and 98% of all male doctors in training and equivalents had full-time contracts.

Consultants and registrar group by specialty (Tables 7a, 7b)

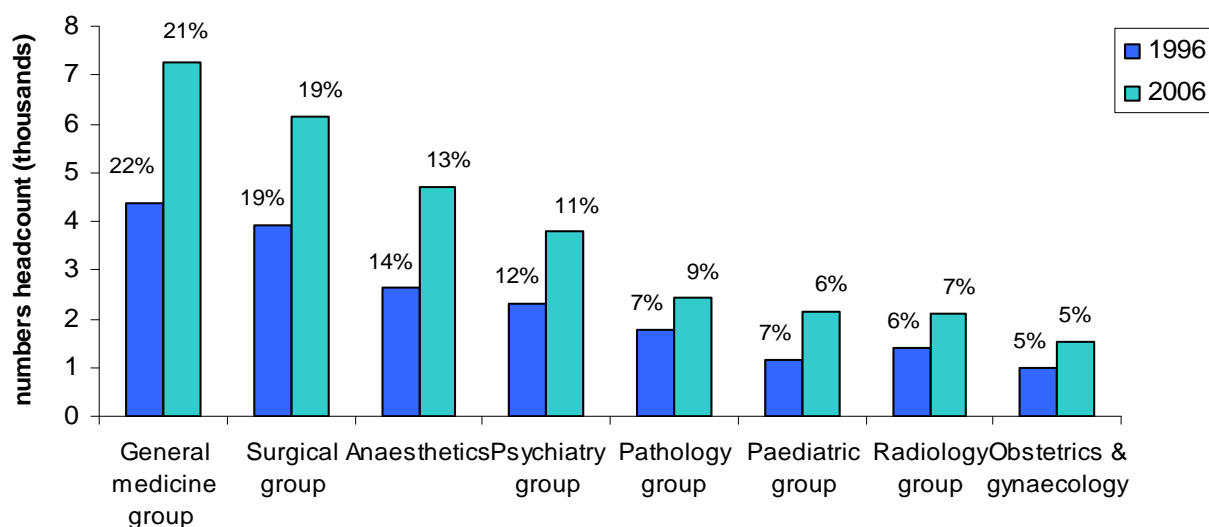
Over the period 1996 to 2006, there have been increases in the numbers of consultants across all the major specialty groups. Largest annual percentage increases have been in the clinical oncology, accident and emergency and paediatrics specialty groups.

Consultants and registrar group by specialty and gender (Tables 8 and 9)

These tables provide a breakdown by gender for consultants and the registrar group within each specialty group.

In ten years, the majority of specialty

Figure 4: HCHS Consultants for the main specialty groups showing percentage share of all specialties



groups have more than doubled the number of female consultants although some are from a low base.

Overall in 2006, women accounted for 27% of the consultant staff. The specialty group with the highest proportion of women is Public Health Medicine & Community Health Service (47%) and lowest is the surgical specialty group (8%).

Women represent 40% of the registrar group grade and are equally proportioned across the specialty groups.

Ethnic Category (Table 10)

Of the 93,320 number of medical and dental staff ethnicity information was obtained for 98%, this is the same proportion as in 2005.

Based on where ethnic category is known, the proportion of the Black and Minority Ethnic (BME) group over all medical and dental staff in both 2005 and 2006 was 40%.

However, only 24% of consultants were from BME group (23% in 2005).

In 2006, the BME proportion of doctors in training and equivalents was equal to the white category at 50%. The corresponding figure for BME staff in 2005 was 52%.

Dental staff (Tables 11a and 11b)

The number of dental staff in hospital and community services has increased slightly (12%) over the last ten years from 3,490 in 1996 to 3,909 in 2006. Over the same period, dental consultants have experienced a 28% increase and the registrar group a 20% increase.

Dental staff make up 4% of the medical and dental staff total of 93,320. The consultant and registrar group grades that are dental, each represent 2% of the total staff in those grades.

DEFINITIONS

Full-time equivalents (fte)

Some statistics are expressed in terms of full-time equivalents (fte). For this purpose, numbers of part-time staff are converted into an equivalent number of 'full-time' staff by taking account of the weekly number of hours or sessions in their contract. The maximum fte for all staff is 1. All staff without a full-time or maximum part-time contract have an fte of less than 1.

Career grades

The component grades of this group are consultant, associate specialist and staff grade.

Registrar group

The component grades of this group are specialist registrars, senior registrars, registrars and other staff working at equivalent grades that are not in an educationally approved post.

Doctors in training and equivalents

The component grades of this group are registrar group, senior house officer, house officers and foundation programme doctors years 1 and 2 and other staff working at equivalent grades that are not in an educationally approved post.

Ethnic Category

An individual's ethnic category is self-determined. The list of categories we use was changed in 2001, to reflect those used in the 2001 National Population Census. Since 2001 we have allowed employers to return a mixture of old and new codes with a view to re-classifying existing staff. The data should be interpreted with caution because individuals would not necessarily classify themselves the same way when presented with two different lists of categories, even though some of the categories have the same name.

Country of qualification

The primary medical qualification used to identify the country of qualification is based on information held on each individual doctor on the GMC register. The countries are grouped into UK, European Economic Area (EEA) and Elsewhere. Figures for all years have been revised to allow for the recent enlargements of the EU. Switzerland is also included in the EEA, as Swiss nationals have similar rights to EU citizens to work in the UK.

EXPLANATORY NOTES

Sources of Data

The data relate to the 30 September in each year.

The following general notes apply to all tables. Additional notes affecting individual tables are given as footnotes to the tables concerned.

Coverage

The tables and figures relate to staff holding permanent paid and/or honorary appointments that involve a degree of clinical work in the NHS hospital services and community health services. Numbers of staff holding either directly employed locum appointments or agency locum appointments are not collected in the census.

Multiple appointments

Staff holding more than one appointment are counted only once. Staff holding appointments in more than one grade are generally counted in the higher grade only. In cases where staff hold an honorary appointment and a permanent paid appointment, the permanent paid appointment will take precedence.

Hospital and community sector splits

Due to changes to paycales following the introduction of the new consultant contract, it is no longer possible to produce an accurate split between staff in the hospital and community sectors.

TABLE CONVENTIONS

Figures have been rounded to the nearest whole number in each case.

The following symbols are used in the tables:

- zero
- . not applicable
- 0 more than zero, less than one

FURTHER INFORMATION

Any questions concerning the data in this publication, requests for further information or further copies of this bulletin should be addressed to:

The Information Centre Helpdesk
1 Trevelyan Square,
Boar Lane
Leeds
LS1 6AE

Email: enquiries@ic.nhs.uk
Telephone: 0845 300 6016

A copy of this bulletin is available on the internet at:

<http://www.ic.nhs.uk/statistics-and-data-collections/workforce/nhs-numbers>

Also available from this website are more detailed statistics. These include data at an

organisational level based on the current boundaries (from 1st October 2006).

Press enquiries should be made to the media relations manager:

Telephone: 0845 300 6016
Email: media@ic.nhs.uk

General Practitioners (GPs) data is available on the internet at:

<http://www.ic.nhs.uk/statistics-and-data-collections/workforce/nhs-numbers>

Data on General Dental Practitioners (high-street dentists), are available on the internet at:

<http://www.ic.nhs.uk/statistics-and-data-collections/primary-care/dentistry>

Index to Tables

Table	Description
Table 1a	All NHS Staff (numbers)
Table 1b	All NHS Staff (full time equivalents)
Table 2a	Medical & Dental staff by grade (numbers)
Table 2b	Medical & Dental staff by grade (full time equivalents)
Table 3	Medical & Dental staff by grade and gender
Table 4	Medical staff by grade and country of qualification group
Table 5	Medical and Dental staff by grade and nature of contract
Table 6	Medical and Dental staff by grade, sex and nature of contract
Table 7a	Medical and Dental consultants by specialty group
Table 7b	Medical and Dental registrar group by specialty group
Table 8	Medical and Dental consultants by specialty group and gender
Table 9	Medical and Dental registrar group by specialty group and gender
Table 10	Medical and Dental staff by ethnic category and grade
Table 11a	Dental staff by grade (numbers)
Table 11b	Dental staff by grade (full time equivalent)

Table 1a. NHS staff by main staff groups 1996-2006

England as at 30 September each year	headcount										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006 *
Total employed staff	1,056,501	1,058,686	1,071,562	1,097,376	1,117,841	1,166,016	1,223,824	1,282,930	1,331,087	1,365,388	1,338,140
Total Medical & Dental staff	64,213	66,836	68,458	70,000	71,688	73,846	77,031	80,851	86,996	90,630	93,320
Professionally qualified clinical staff	514,775	519,714	529,731	540,792	552,936	574,646	603,077	633,375	660,706	679,157	674,621
All doctors (excl retainers) ¹	86,584	89,619	91,837	93,981	96,319	99,169	103,350	108,993	117,036	122,345	125,612
GPs (excl retainers) ²	29,116	29,389	29,697	29,987	30,252	30,685	31,182	32,593	34,085	35,302	35,369
HCMS medical & dental staff (excl locums)	64,213	66,836	68,458	70,000	71,688	73,846	77,031	80,851	86,996	90,630	93,320
of which: Consultants (including directors of public health)	20,402	21,474	22,324	23,321	24,401	25,782	27,070	28,750	30,650	31,993	32,874
Total qualified nursing staff ³	319,151	318,856	323,457	329,637	335,952	350,381	367,520	386,359	397,515	404,161	398,335
Qualified nursing, midwifery & health visiting staff	301,253	300,467	304,563	310,142	316,752	330,535	346,537	364,692	375,371	381,257	374,538
GP practice nurses ^{2,4}	17,898	18,389	18,894	19,495	19,200	19,846	20,983	21,667	22,144	22,904	23,797
Total qualified scientific, therapeutic & technical staff	94,320	96,298	99,656	102,391	105,910	110,241	116,598	122,066	128,883	134,534	134,498
Qualified Allied Health Professions	48,611	49,893	51,479	53,105	54,788	57,001	59,415	62,189	65,515	67,841	67,483
Other qualified scientific, therapeutic & technical staff	45,709	46,405	48,177	49,286	51,122	53,240	57,183	59,877	63,368	66,693	67,015
Qualified ambulance staff	14,720	14,941	14,781	14,783	14,755	14,855	15,609	15,957	17,272	18,117	16,176
Support to clinical staff	281,897	283,871	289,363	296,619	307,225	325,890	344,524	360,666	368,285	376,219	357,877
Support to doctors & nursing staff	237,846	240,040	243,960	249,216	257,136	271,978	287,098	298,752	303,630	310,441	291,098
Support to scientific, therapeutic & technical staff	38,009	38,074	39,162	40,465	41,800	44,602	48,030	52,230	55,025	55,715	54,307
Support to ambulance staff	6,042	5,757	6,241	6,938	8,289	9,310	9,396	9,684	9,630	10,063	12,472
NHS infrastructure support	174,165	170,623	168,448	171,205	173,733	179,783	189,274	199,808	211,489	220,387	209,387
Central functions	70,621	70,647	71,079	73,996	77,628	81,439	85,706	92,257	99,831	105,565	101,860
Hotel, property & estates	82,280	77,803	74,676	72,922	70,849	70,920	71,274	72,230	73,932	75,431	70,776
Manager & senior manager	21,264	22,173	22,693	24,287	25,256	27,424	32,294	35,321	37,726	39,391	36,751
Other non-medical staff or those with unknown classification	6,183	2,820	1,939	2,427	877	1,224	657	657	497	435	410
<i>Other GP practice staff ²</i>	79,481	81,658	82,081	86,333	83,070	84,473	86,292	88,424	90,110	89,190	95,845

Notes:

1. All doctors (excluding GP Retainers) also excludes hospital practitioners and clinical assistants, most of whom are GPs working part time in hospitals.
2. GP Data as at 1 October 1996-1999 and 30 September 2000-2006.
3. Nursing and midwifery figures exclude students on training courses leading to a first qualification as a nurse or midwife.
4. Headcount Practice Nurse figures are estimated for 1998 and 1999 based on the 1997 fte to headcount ratio.

* More accurate validation in 2006 has resulted in 9,858 duplicate records being identified and removed from the non-medical census. Although this represents less than 1% of total records, it should be taken into consideration when making historical comparisons.

These 9,858 duplicate records, broken down by main staff group, are: 3,370 qualified nurses; 1,818 qualified scientific, therapeutic & technical staff; 2,719 support to doctors & nurses; 368 support to scientific, therapeutic & technical staff; 1,562 NHS infrastructure support; and 21 in other areas.

The impact of duplicates on FTE has been minimal with the removal of 507.

Table 1b. NHS staff by main staff groups 1996-2006

England as at 30 September each year

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
										full time equivalent	
Total employed staff	848,104	846,298	855,129	873,226	892,230	930,633	977,961	1,026,976	1,071,203	1,103,789	1,095,163
Total Medical & Dental staff	54,233	57,099	58,746	60,338	62,094	64,055	68,260	72,260	78,462	82,568	85,975
Professionally qualified clinical staff	433,889	436,646	442,868	450,678	460,972	477,169	501,659	525,196	549,836	566,420	571,374
All doctors (excl retainers) ¹	81,783	84,758	86,594	88,371	90,248	92,495	96,999	102,037	109,224	114,251	119,096
GPs (excl retainers) ^{2,3}	27,550	27,660	27,848	28,033	28,154	28,439	28,740	29,777	30,762	31,683	33,121
HCHS medical & dental staff (excl locums)	54,233	57,099	58,746	60,338	62,094	64,055	68,260	72,260	78,462	82,568	85,975
of which: Consultants (including directors of public health)	18,603	19,661	20,432	21,410	22,186	23,064	24,756	26,341	28,141	29,613	30,619
Total qualified nursing staff ⁴	257,891	256,093	257,597	261,340	266,987	277,334	291,285	304,892	315,440	321,537	322,062
Qualified nursing, midwifery & health visiting staff	248,070	246,011	247,238	250,651	256,276	266,171	279,287	291,925	301,877	307,744	307,447
GP practice nurses ²	9,821	10,082	10,359	10,689	10,711	11,163	11,998	12,967	13,563	13,793	14,616
Total qualified scientific, therapeutic & technical staff	80,273	81,601	84,560	86,837	89,632	93,085	98,397	102,912	108,585	113,214	114,492
Qualified Allied Health Professions	39,536	40,658	41,928	43,281	44,594	46,284	48,151	50,478	53,311	55,133	55,711
Other qualified scientific, therapeutic & technical staff	40,737	40,943	42,632	43,557	45,038	46,801	50,245	52,434	55,274	58,082	58,782
Qualified ambulance staff	13,942	14,193	14,116	14,129	14,104	14,255	14,978	15,355	16,587	17,417	15,723
Support to clinical staff	215,122	215,129	220,331	226,585	234,683	249,198	262,671	277,178	284,394	291,663	283,198
Support to doctors & nursing staff	180,348	180,477	184,308	188,917	194,659	205,827	216,235	226,955	231,652	237,889	228,084
Support to scientific, therapeutic & technical staff	29,357	29,540	30,473	31,515	32,594	34,982	37,920	41,481	44,089	44,708	43,906
Support to ambulance staff	5,417	5,113	5,550	6,153	7,429	8,388	8,515	8,743	8,653	9,066	11,209
NHS infrastructure support	144,450	141,637	139,469	142,071	144,048	149,598	158,026	167,916	178,098	186,137	177,871
Central functions	60,920	60,643	60,693	63,190	65,965	69,277	72,730	78,784	85,498	90,387	87,856
Hotel, property & estates	62,942	59,560	56,923	55,503	53,830	54,036	54,382	55,323	56,593	58,201	54,975
Manager & senior manager	20,588	21,434	21,854	23,378	24,253	26,285	30,914	33,810	36,007	37,549	35,041
Other non-medical staff or those with unknown classification	5,147	2,390	1,489	1,494	656	834	495	512	432	373	359
<i>Other GP practice staff ²</i>	49,497	50,497	50,973	52,398	51,872	53,835	55,110	56,173	58,443	59,197	62,361

Notes:

1. All doctors (excluding GP Retainers) also excludes hospital practitioners and clinical assistants, most of whom are GPs working part time in hospitals.
2. GP Data as at 1 October 1995-1999 and 30 September 2000-2004.
3. GP full time equivalent (FTE) data for 1996-2005 has been estimated using the results from the 1992-93 GMP Workload Survey. For 2006 FTE has been collected and therefore may not be fully comparable with previous years.
4. Nursing and midwifery figures exclude students on training courses leading to a first qualification as a nurse or midwife.

Table 2a Hospital and Community Health Service (HCHS) medical and dental staff by grade

England at 30 September

numbers

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
All staff	64,213	66,836	68,458	70,000	71,688	73,846	77,031	80,851	86,996	90,630	93,320
Career grades	23,830	25,382	26,991	28,604	30,468	32,377	34,105	36,006	38,411	40,074	41,641
Consultant (including Directors of Public Health)	20,402	21,474	22,324	23,321	24,401	25,782	27,070	28,750	30,650	31,993	32,874
Associate Specialist	1,247	1,351	1,449	1,511	1,568	1,626	1,780	2,001	2,294	2,554	2,830
Staff grade	2,181	2,557	3,218	3,772	4,499	4,969	5,255	5,255	5,467	5,527	5,937
Doctors in training and equivalents ¹	28,868	30,313	30,848	31,527	31,922	32,792	34,915	37,320	41,697	44,311	46,269
Registrar group	11,385	11,909	12,131	12,682	12,730	13,220	13,770	14,619	16,823	18,006	18,808
Senior House Officer	14,213	15,006	15,221	15,239	15,501	15,830	17,135	18,698	20,601	21,642	18,863
Foundation Year 2	.	.	.	.	.	.	.	.	.	.	3,693
House Officer & Foundation Year 1	3,270	3,398	3,496	3,606	3,691	3,742	4,010	4,003	4,273	4,663	4,905
Other grades	11,515	11,141	10,619	9,869	9,298	8,677	8,011	7,525	6,888	6,245	5,410
Hospital Practitioner	901	920	900	903	908	928	986	1,034	1,048	1,017	929
Clinical Assistant	6,512	6,401	6,114	5,792	5,372	5,026	4,431	3,950	3,476	3,047	2,593
Other Staff	4,102	3,820	3,605	3,174	3,018	2,723	2,594	2,541	2,364	2,181	1,888

¹ Doctors in training and equivalents refers to the registrar group, senior house officer, foundation year 2, house officer & foundation programme year 1 and other staff at these grades that do not hold an educationally approved training post.

Table 2b Hospital and Community Health Service (HCHS) medical and dental staff by grade

England at 30 September

full time equivalents

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
All staff	54,233	57,099	58,746	60,338	62,094	64,055	68,260	72,260	78,462	82,568	85,975
Career grades	21,686	23,192	24,650	26,089	27,422	28,577	31,133	32,949	35,119	36,839	38,439
Consultant (including Directors of Public Health)	18,603	19,661	20,432	21,410	22,186	23,064	24,756	26,341	28,141	29,613	30,619
Associate Specialist	1,074	1,180	1,268	1,336	1,381	1,408	1,578	1,780	2,029	2,260	2,495
Staff grade	2,009	2,350	2,950	3,343	3,855	4,105	4,799	4,828	4,948	4,966	5,325
Doctors in training and equivalents ¹	28,065	29,587	30,091	30,499	31,204	32,005	33,932	36,402	40,654	43,295	45,422
Registrar group	10,717	11,336	11,559	12,085	12,199	12,629	13,031	13,989	16,112	17,313	18,180
Senior House Officer	14,084	14,860	15,042	14,866	15,322	15,642	16,912	18,419	20,283	21,337	18,662
Foundation Year 2	.	.	.	.	.	.	.	.	.	.	3,690
House Officer & Foundation Year 1	3,264	3,391	3,489	3,548	3,683	3,733	3,989	3,994	4,259	4,645	4,890
Other grades	4,483	4,320	4,005	3,750	3,468	3,474	3,194	2,909	2,689	2,435	2,114
Hospital Practitioner	203	219	199	208	199	193	220	221	228	215	193
Clinical Assistant	1,910	1,896	1,759	1,625	1,500	1,552	1,277	1,068	936	794	655
Other Staff	2,370	2,205	2,047	1,916	1,769	1,728	1,698	1,620	1,524	1,426	1,266

¹ Doctors in training and equivalents refers to the registrar group, senior house officer, foundation year 2, house officer & foundation programme year 1 and other staff at these grades that do not hold an educationally approved training post.

Table 3 HCHS medical and dental staff by grade and gender

England at 30 September											numbers
Female Staff	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
All grades	21,847	23,000	23,888	24,713	25,728	26,433	27,957	29,471	31,899	33,638	35,712
Consultant	4,068	4,440	4,746	5,092	5,519	6,037	6,540	7,162	7,815	8,353	8,902
Associate Specialist	440	473	503	525	554	590	659	751	877	1,005	1,151
Staff Grade	759	913	1,108	1,307	1,551	1,709	1,885	1,982	2,166	2,220	2,380
Registrar Group	3,792	4,074	4,325	4,621	4,788	5,043	5,335	5,738	6,589	7,090	7,504
Senior House Officer	5,810	6,180	6,431	6,778	7,088	7,137	7,703	8,231	8,899	9,427	8,393
Foundation Year 2	.	.	.	.	.	.	.	.	.	.	1,933
House Officer and Foundation Year 1	1,579	1,762	1,811	1,832	1,845	1,875	2,075	2,110	2,303	2,561	2,821
Hospital Practitioner	170	182	183	193	207	219	243	258	276	290	275
Clinical Assistant	2,362	2,320	2,253	2,187	2,071	1,930	1,730	1,553	1,423	1,253	1,094
Other Staff	2,867	2,656	2,528	2,178	2,105	1,893	1,787	1,686	1,551	1,439	1,259
<hr/>											
Male Staff	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
All grades	42,366	43,836	44,570	45,287	45,960	47,413	49,074	51,380	55,097	56,992	57,608
Consultant	16,334	17,034	17,578	18,229	18,882	19,745	20,530	21,588	22,835	23,640	23,972
Associate Specialist	807	878	946	986	1,014	1,036	1,121	1,250	1,417	1,549	1,679
Staff Grade	1,422	1,644	2,110	2,465	2,948	3,260	3,370	3,273	3,301	3,307	3,557
Registrar Group	7,593	7,835	7,806	8,061	7,942	8,177	8,435	8,881	10,234	10,916	11,304
Senior House Officer	8,403	8,826	8,790	8,461	8,413	8,693	9,432	10,467	11,702	12,215	10,470
Foundation Year 2	.	.	.	.	.	.	.	.	.	.	1,760
House Officer and Foundation Year 1	1,691	1,636	1,685	1,774	1,846	1,867	1,935	1,893	1,970	2,102	2,084
Hospital Practitioner	731	738	717	710	701	709	743	776	772	727	654
Clinical Assistant	4,150	4,081	3,861	3,605	3,301	3,096	2,701	2,397	2,053	1,794	1,499
Other Staff	1,235	1,164	1,077	996	913	830	807	855	813	742	629

Table 4 HCHS medical staff by grade and country of qualification group ¹

England at 30 September each year	numbers										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
All grades Qualified in United Kingdom	42,385	43,839	44,890	45,813	46,936	47,918	48,697	50,312	52,620	53,494	55,445
Consultant	15,981	16,635	17,225	17,894	18,594	19,588	20,195	21,362	22,452	23,057	23,194
Associate Specialist	379	404	426	453	483	544	590	679	772	873	923
Staff Grade	665	764	917	1,070	1,232	1,344	1,398	1,445	1,532	1,469	1,509
Registrar group	7,287	7,720	7,845	8,154	8,137	8,290	8,464	8,864	9,839	9,992	10,529
Senior House Officer	8,546	8,858	9,182	9,477	9,865	9,987	10,404	10,485	10,732	11,002	9,722
Foundation Year 2	.	.	.	.	.	.	.	.	.	.	2,729
House Officer and Foundation Year 1	2,815	3,028	3,173	3,122	3,297	3,176	3,205	3,344	3,612	3,889	4,243
Hospital Practitioner	660	686	672	683	693	741	779	820	816	797	712
Clinical Assistant	4,249	4,143	3,970	3,800	3,545	3,346	2,901	2,602	2,288	1,976	1,603
Other Grades	1,803	1,601	1,480	1,160	1,090	902	761	711	577	439	281
All grades Qualified in other EEA Country	4,017	4,148	4,109	4,208	4,065	4,215	4,500	4,723	5,033	5,424	5,629
Consultant	888	992	1,083	1,185	1,279	1,397	1,531	1,684	1,883	2,076	2,228
Associate Specialist	48	60	60	62	63	67	77	104	120	134	152
Staff Grade	126	147	217	246	323	381	390	376	421	507	534
Registrar group	806	849	847	936	944	987	1,061	1,076	1,184	1,244	1,204
Senior House Officer	1,498	1,509	1,353	1,127	895	844	900	1,020	977	1,046	930
Foundation Year 2	.	.	.	.	.	.	.	.	.	.	166
House Officer and Foundation Year 1	305	264	224	368	281	238	249	205	210	201	225
Hospital Practitioner	20	21	23	24	22	22	28	26	29	36	38
Clinical Assistant	233	230	235	197	187	210	207	182	165	138	128
Other Grades	93	76	67	63	71	69	57	50	44	42	24
All grades Qualified outside EEA	14,321	15,282	15,849	16,363	17,157	18,181	20,180	22,053	25,491	27,742	28,337
Consultant	2,939	3,229	3,396	3,607	3,890	4,145	4,682	4,988	5,582	6,113	6,691
Associate Specialist	758	825	899	928	951	941	1,035	1,136	1,300	1,443	1,637
Staff Grade	1,327	1,549	1,968	2,329	2,804	3,078	3,300	3,262	3,330	3,351	3,676
Registrar group	2,993	3,067	3,156	3,299	3,377	3,654	3,925	4,388	5,485	6,421	6,716
Senior House Officer	3,750	4,213	4,239	4,208	4,321	4,578	5,381	6,707	8,385	9,061	7,724
Foundation Year 2	.	.	.	.	.	.	.	.	.	.	795
House Officer and Foundation Year 1	97	64	50	53	63	271	499	420	420	545	411
Hospital Practitioner	129	128	127	114	111	102	114	116	130	112	112
Clinical Assistant	1,454	1,398	1,291	1,188	1,063	941	834	705	617	528	484
Other Grades	874	809	723	637	577	471	410	331	242	168	91

¹ Data for all years have been revised. The EEA (excluding the UK) includes Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Irish Republic, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden and Switzerland

² In November 2000, the General Medical Council introduced a new format for the GMC registration number that we use to identify individuals. As a result, we are better able to identify the country of qualification for newly qualified doctors, particularly those in the House Officer grade. The country of qualification figures for House Officers in 2001 and 2002 may not be directly comparable with earlier figures.

Table 5 HCHS medical and dental staff by grade and nature of contract

	England at 30 September 2006						full time equivalents					
	All contracts	Full Time	Maximum Part-time	Part Time	Honorary	Fixed Term Appointment	All contracts	Full Time	Maximum Part-time	Part Time	Honorary	Fixed Term Appointment
All staff	93,320	76,638	1,232	12,664	2,550	236	85,975	76,638	1,232	6,504	1,423	178
Consultant	32,874	25,249	1,151	4,558	1,851	65	30,619	25,249	1,151	3,135	1,037	46
Associate Specialist	2,830	1,992	81	735	8	14	2,495	1,992	81	409	3	10
Staff Grade	5,937	4,614	-	1,225	70	28	5,325	4,614	-	658	29	24
Registrar group	18,808	17,136	-	1,277	360	35	18,180	17,136	-	797	216	31
Senior House Officer	18,863	18,293	-	406	106	58	18,662	18,293	-	243	69	56
Foundation Year 2	3,693	3,680	-	5	8	-	3,690	3,680	-	2	8	-
House Officer and Foundation Year 1	4,905	4,850	-	36	15	4	4,890	4,850	-	22	14	4
Hospital Practitioner	929	3	-	924	-	2	193	3	-	190	-	0
Clinical Assistant	2,593	105	-	2,332	130	26	655	105	-	499	46	4
Other Staff	1,888	716	-	1,166	2	4	1,266	716	-	547	0	3

Table 6 HCHS medical and dental staff by grade, sex and nature of contract

	England at 30 September 2006						numbers					
	Male						Female					
	All contracts	Full Time	Maximum Part-time	Part Time	Honorary	Fixed Term Appointment	All contracts	Full Time	Maximum Part-time	Part Time	Honorary	Fixed Term Appointment
All staff	57,608	49,544	1,107	4,868	1,934	155	35,712	27,094	125	7,796	616	81
Consultant	23,972	19,434	1,061	1,922	1,504	51	8,902	5,815	90	2,636	347	14
Associate Specialist	1,679	1,433	46	192	2	6	1,151	559	35	543	6	8
Staff Grade	3,557	3,260	-	230	53	14	2,380	1,354	-	995	17	14
Registrar group	11,304	10,903	-	144	240	17	7,504	6,233	-	1,133	120	18
Senior House Officer	10,470	10,299	-	75	53	43	8,393	7,994	-	331	53	15
Foundation Year 2	1,760	1,752	-	3	5	-	1,933	1,928	-	2	3	-
House Officer and Foundation Year 1	2,084	2,062	-	10	8	4	2,821	2,788	-	26	7	-
Hospital Practitioner	654	2	-	651	-	1	275	1	-	273	-	1
Clinical Assistant	1,499	73	-	1,341	68	17	1,094	32	-	991	62	9
Other Staff	629	326	-	300	1	2	1,259	390	-	866	1	2

Table 7a HCHS medical and dental consultants (including Directors of Public Health) by specialty group

England at 30 September											numbers
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
All specialty groups	20,402	21,474	22,324	23,321	24,401	25,782	27,070	28,750	30,650	31,993	32,874
Accident & emergency	352	386	422	438	455	487	533	561	618	689	725
Anaesthetics	2,629	2,777	2,978	3,168	3,322	3,595	3,874	4,121	4,355	4,502	4,698
Clinical oncology	265	287	299	305	307	333	315	347	392	438	482
Dental Group	547	569	568	579	580	590	604	655	670	671	692
General medicine group ¹	4,376	4,544	4,706	4,904	5,136	5,567	5,931	6,284	6,726	7,072	7,277
Obstetrics & gynaecology	982	1,032	1,040	1,057	1,146	1,219	1,308	1,353	1,413	1,458	1,506
Paediatric group	1,156	1,227	1,299	1,355	1,443	1,507	1,695	1,807	1,902	2,033	2,154
Pathology group	1,781	1,838	1,888	1,932	2,005	2,097	2,219	2,287	2,411	2,398	2,416
PHM & CHS group ¹	675	800	797	804	847	852	779	857	926	927	885
Psychiatry group	2,306	2,447	2,627	2,808	2,904	2,959	2,979	3,229	3,555	3,759	3,805
Radiology group	1,419	1,473	1,514	1,540	1,616	1,683	1,745	1,860	1,928	2,058	2,105
Surgical group	3,914	4,094	4,186	4,431	4,640	4,893	5,088	5,389	5,754	5,988	6,129

Table 7b HCHS medical and dental registrar group by specialty group

England at 30 September											numbers
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
All specialty groups	11,385	11,909	12,131	12,682	12,730	13,220	13,770	14,619	16,823	18,006	18,808
Accident & emergency	184	228	267	308	336	331	348	423	569	711	802
Anaesthetics	1,479	1,586	1,629	1,621	1,646	1,686	1,758	1,919	2,165	2,221	2,283
Clinical oncology	136	149	152	169	183	219	235	204	285	281	302
Dental Group	295	267	276	286	267	284	313	283	305	345	345
General medicine group ¹	2,460	2,605	2,736	2,884	2,893	2,979	3,150	3,409	3,891	4,155	4,454
Obstetrics & gynaecology	863	919	944	1,001	939	950	1,014	973	1,099	1,290	1,328
Paediatric group	762	913	1,016	1,103	1,146	1,107	1,166	1,226	1,485	1,617	1,736
Pathology group	594	576	591	655	631	709	762	818	932	966	1,022
PHM & CHS group ¹	266	300	282	320	312	300	251	290	288	252	179
Psychiatry group	1,470	1,278	1,077	972	949	972	961	1,006	1,034	1,032	1,022
Radiology group	484	534	552	612	655	743	777	823	899	935	1,004
Surgical group	2,392	2,554	2,609	2,751	2,773	2,940	3,035	3,245	3,871	4,201	4,331

¹ Public health data has been remapped due to changes to payscales that no longer enable a sector split between hospital and community

Table 8 HCCHS medical and dental consultants (including Directors of Public Health) by specialty group and gender

England at 30 September											numbers
Female Staff	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
All specialty groups	4,068	4,440	4,746	5,092	5,519	6,037	6,540	7,162	7,815	8,353	8,902
Accident & emergency	58	66	76	77	75	85	98	109	123	151	163
Anaesthetics	611	637	706	750	825	920	1,030	1,115	1,187	1,241	1,321
Clinical oncology	62	70	77	80	86	102	100	110	133	159	189
Dental group	74	82	82	82	89	105	112	129	139	148	155
General medicine group	668	729	792	866	933	1,109	1,210	1,351	1,501	1,634	1,779
Obstetrics & gynaecology	171	205	212	237	271	292	339	372	407	432	475
Paediatrics	401	438	472	510	552	593	664	720	784	843	936
Pathology group	499	539	563	593	642	677	748	774	837	852	910
PHM & CHS group	279	343	326	335	351	367	346	385	411	425	413
Psychiatry group	716	763	832	894	957	993	1,039	1,161	1,275	1,372	1,411
Radiology group	354	383	397	428	463	485	518	565	589	620	647
Surgical group	175	185	211	240	275	309	336	371	429	476	503
Male Staff	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
All specialty groups	16,334	17,034	17,578	18,229	18,882	19,745	20,530	21,588	22,835	23,640	23,972
Accident & emergency	294	320	346	361	380	402	435	452	495	538	562
Anaesthetics	2,018	2,140	2,272	2,418	2,497	2,675	2,844	3,006	3,168	3,261	3,377
Clinical oncology	203	217	222	225	221	231	215	237	259	279	293
Dental group	473	487	486	497	491	485	492	526	531	523	537
General medicine group	3,708	3,815	3,914	4,038	4,203	4,458	4,721	4,933	5,225	5,438	5,498
Obstetrics & gynaecology	811	827	828	820	875	927	969	981	1,006	1,026	1,031
Paediatric group	755	789	827	845	891	914	1,031	1,087	1,118	1,190	1,218
Pathology group	1,282	1,299	1,325	1,339	1,363	1,420	1,471	1,513	1,574	1,546	1,506
PHM & CHS group	396	457	471	469	496	485	433	472	515	502	472
Psychiatry group	1,590	1,684	1,795	1,914	1,947	1,966	1,940	2,068	2,280	2,387	2,394
Radiology group	1,065	1,090	1,117	1,112	1,153	1,198	1,227	1,295	1,339	1,438	1,458
Surgical group	3,739	3,909	3,975	4,191	4,365	4,584	4,752	5,018	5,325	5,512	5,626

Copyright © 2007, The Information Centre. All rights reserved

Data prior to 2005 reused with the permission of the Department of Health

Table 9 HCHS medical and dental registrar group by specialty group and gender

England at 30 September											numbers
Female Staff	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
All specialty groups	3,792	4,074	4,325	4,621	4,788	5,043	5,335	5,738	6,589	7,090	7,504
Accident & emergency	49	68	76	87	105	104	120	169	238	265	301
Anaesthetics	495	570	631	629	635	637	646	746	809	825	865
Clinical oncology	70	89	90	99	108	121	130	113	159	161	179
Dental group	108	98	97	100	88	102	123	110	135	149	146
General medicine group	743	794	892	976	1,067	1,154	1,258	1,364	1,544	1,672	1,822
Obstetrics & gynaecology	335	389	419	450	461	498	554	551	651	774	827
Paediatrics	400	472	547	627	675	644	675	747	865	909	989
Pathology group	288	285	286	339	321	360	398	443	504	533	568
PHM & CHS group	144	172	176	202	178	183	148	173	175	150	114
Psychiatry group	691	604	544	492	500	494	482	496	499	517	499
Radiology group	208	230	230	235	235	277	296	317	350	376	411
Surgical group	261	303	337	385	415	469	505	509	660	759	783
Male Staff	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
All specialty groups	7,593	7,835	7,806	8,061	7,942	8,177	8,435	8,881	10,234	10,916	11,304
Accident & emergency	135	160	191	221	231	227	228	254	331	446	501
Anaesthetics	984	1,016	998	992	1,011	1,049	1,112	1,173	1,356	1,396	1,418
Clinical oncology	66	60	62	70	75	98	105	91	126	120	123
Dental group	187	169	179	186	179	182	190	173	170	196	199
General medicine group	1,717	1,811	1,844	1,908	1,826	1,825	1,892	2,045	2,347	2,483	2,632
Obstetrics & gynaecology	528	530	525	551	478	452	460	422	448	516	501
Paediatric group	362	441	469	476	471	463	491	479	620	708	747
Pathology group	306	291	305	316	310	349	364	375	428	433	454
PHM & CHS group	122	128	106	118	134	117	103	117	113	102	65
Psychiatry group	779	674	533	480	449	478	479	510	535	515	523
Radiology group	276	304	322	377	420	466	481	506	549	559	593
Surgical group	2,131	2,251	2,272	2,366	2,358	2,471	2,530	2,736	3,211	3,442	3,548

Copyright © 2007, The Information Centre. All rights reserved

Data prior to 2005 reused with the permission of the Department of Health

Table 10 HCHS medical and dental staff by ethnic category¹ and grade

England at 30 September 2006

All countries of qualification		numbers										
		All Staff	Consultant	Associate Specialist	Staff Grade	Registrar Group	Senior House Officer	Foundation Year 2	House Officer and Foundation Year 1	Hospital Practitioner	Clinical Assistant	Other Staff
All Staff		93,320	32,874	2,830	5,937	18,808	18,863	3,693	4,905	929	2,593	1,888
2001 Population Census Ethnic Group Categories	All 2001 ethnic groups	89,114	30,885	2,686	5,665	18,116	18,241	3,619	4,790	885	2,413	1,814
	White	51,977	23,125	1,144	2,107	9,404	7,658	1,863	2,789	724	1,781	1,382
	Black or Black British	3,007	768	129	360	713	728	109	118	6	42	34
	Asian or Asian British	25,124	4,795	1,039	2,386	6,079	7,732	1,186	1,092	109	439	267
	Mixed	1,771	404	54	151	406	427	110	158	7	29	25
	Chinese	1,697	442	16	50	494	391	98	166	7	17	16
	Any Other Ethnic Group	4,075	1,137	276	518	896	821	142	141	24	70	50
	Not Stated	1,463	214	28	93	124	484	111	326	8	35	40
Earlier Ethnic Group Categories	All earlier ethnic groups	4,206	1,989	144	272	692	622	74	115	44	180	74
	White	3,183	1,669	70	148	486	448	52	67	36	148	59
	Black	155	58	10	23	24	25	1	4	1	5	4
	Asian	641	176	45	76	150	128	13	20	7	18	8
	Any Other Ethnic Group	209	84	19	24	29	13	7	21	-	9	3
	Not Stated	18	2	-	1	3	8	1	3	-	-	-
UK qualified staff in non-dental specialties ²		All Staff	Consultant	Associate Specialist	Staff Grade	Registrar Group	Senior House Officer	Foundation Year 2	House Officer and Foundation Year 1	Hospital Practitioner	Clinical Assistant	Other Staff
All Staff		55,445	23,194	923	1,509	10,529	9,722	2,729	4,243	712	1,603	281
2001 Population Census Ethnic Group Categories	All 2001 ethnic groups	52,687	21,661	862	1,420	10,120	9,390	2,674	4,159	678	1,467	256
	White	41,497	19,317	778	1,226	7,465	6,294	1,692	2,580	615	1,303	227
	Black or Black British	672	151	7	25	136	188	61	87	4	11	2
	Asian or Asian British	6,474	1,259	40	86	1,623	1,923	595	812	35	91	10
	Mixed	952	208	10	22	206	261	91	130	4	15	5
	Chinese	1,326	325	6	21	364	335	95	162	5	9	4
	Any Other Ethnic Group	1,197	310	15	31	311	314	78	104	8	22	4
	Not Stated	569	91	6	9	15	75	62	284	7	16	4
Earlier Ethnic Group Categories	All earlier ethnic groups	2,758	1,533	61	89	409	332	55	84	34	136	25
	White	2,469	1,419	55	80	343	296	44	54	30	126	22
	Black	49	26	1	1	6	7	1	-	1	3	3
	Asian	147	52	3	6	46	21	4	6	3	6	-
	Any Other Ethnic Group	89	36	2	2	14	7	6	21	-	1	-
	Not Stated	4	-	-	-	-	1	-	3	-	-	-

¹ From 1 April 2001, newly appointed staff have been asked to classify themselves using the ethnic categories listed in the 2001 national population census. Existing staff will be reclassified over time but data returns currently include a mixture of 2001 categories and older information based on 1991 population census categories. Paragraph 30 of the commentary provides more explanation.

² Excludes staff in dental specialties, as their country of qualification is unknown

Table 11a Hospital and Community Health Service (HCHS) dental staff by grade

England at 30 September	numbers										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
All staff	3,490	3,567	3,610	3,616	3,530	3,532	3,654	3,763	3,852	3,970	3,909
Career grades	719	777	800	830	849	892	907	970	1,019	1,051	1,097
Consultant	594	618	620	635	638	652	662	716	733	747	761
Associate Specialist	62	62	64	68	71	74	78	82	102	104	118
Staff grade	63	97	116	127	140	166	167	172	184	200	218
Doctors in training and equivalents ¹	771	741	779	783	742	767	827	811	853	910	875
Registrar Group	299	273	283	293	272	289	320	291	315	349	359
Senior House Officer	419	426	447	427	420	421	450	486	507	533	487
Foundation Year 2	.	.	.	.	.	.	.	.	.	.	3
Dental House Officer & Foundation Year 1	53	42	49	63	50	57	57	34	31	28	26
Other grades	2,000	2,049	2,031	2,003	1,939	1,873	1,920	1,982	1,980	2,009	1,937
Hospital Practitioner	92	85	78	82	82	63	65	72	73	72	67
Clinical Assistant	576	630	618	607	577	529	489	461	406	405	378
Other Staff	1,332	1,334	1,335	1,314	1,280	1,281	1,366	1,449	1,501	1,532	1,492

¹ Doctors in training and equivalents refers to the registrar group, senior house officer, house officer & foundation programme year 1 and other staff at these grades that do not hold an educationally approved training post.

Table 11b Hospital and Community Health Service (HCHS) dental staff by grade

England at 30 September

full time equivalents

	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
All staff	2,448	2,464	2,472	2,467	2,425	2,475	2,628	2,710	2,803	2,922	2,905
Career grades	569	599	615	633	646	664	709	767	796	843	870
Consultant	478	489	493	501	506	505	528	582	592	618	624
Associate Specialist	44	41	45	47	48	52	54	57	72	75	84
Staff grade	47	69	77	86	91	107	127	128	132	150	162
Doctors in training and equivalents ¹	720	695	728	718	699	726	792	792	831	882	850
Registrar Group	264	246	253	263	246	259	292	280	301	334	343
Senior House Officer	403	408	428	402	404	409	444	477	498	521	480
Foundation Year 2	.	.	.	.	.	.	.	.	.	.	3
Dental House Officer & Foundation Year 1	52	41	47	54	49	57	56	34	31	27	25
Other grades	1,160	1,170	1,130	1,115	1,080	1,086	1,127	1,151	1,177	1,197	1,185
Hospital Practitioner	19	19	16	18	16	12	15	16	17	17	15
Clinical Assistant	118	127	118	123	113	106	94	93	77	81	77
Other Staff	1,023	1,024	996	975	951	967	1,019	1,042	1,083	1,100	1,093

¹ Doctors in training and equivalents refers to the registrar group, senior house officer, house officer & foundation programme year 1 and other staff at these grades that do not hold an educationally approved training post.

**Workforce
statistics
Price: Free**



Part of the
Government
Statistical Service

Published by The Information Centre

ISBN 1-84636-119-2 Bulletin
2007/06/HSCIC

This publication may be requested in large print or other formats.

For further information contact:

online: www.ic.nhs.uk

telephone: 0845 300 6016

email: enquiries@ic.nhs.uk

Copyright © 2006, The Information Centre, All rights reserved.

This work remains the sole and exclusive property of The Information Centre, and may only be reproduced, and publicly displayed, where there is explicit reference to the ownership of The Information Centre.

This work may only be reproduced in a modified format with the express written permission of The Information Centre