

## **13. Doctors**

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## Changes made to this section as a result of Modernising Medical Careers (MMC)

Modernising Medical Careers (MMC) (NHS, 2007) is a major reform of postgraduate medical training, devised to improve the quality of patient care through better education and training for doctors. MMC aims to stop the current practice of doctors staying in the Senior House Officer (SHO) grade while waiting for a specialist training opportunity which would provide them with the training and skills to consultant level. It is a focussed training programme which will produce consultants in an average of seven years and GPs in five after graduation from medical school. This provides a summary of the changes that have taken place as a result of this reform and consequently the changes made to this section of the report.

### *The old scheme*

The old scheme saw people leaving medical school to work as a Pre-Registration House Officer (PRHO) for one year and then as a Senior House Officer (SHO) for a minimum of two years. They then progressed to work as either a Specialist Registrar for between four to six years and then if they wished moved onto the consultant grade or they completed one year as a GP registrar and then practiced as a General Practitioner.

### *The new scheme*

Under the new arrangements (which have been agreed by the Junior Doctors Committee (JDC), the Department of Health, COPMed and NHS Employers), all doctors in training can apply for flexible training (British Medical Association, 2005). In the past, lack of funding has been a key reason for lack of availability of flexible training for junior doctors. A part-time doctor (doing out of hours work) was paid a full-time salary and a supplement of 5 per cent or 25 per cent addition and employers were therefore unwilling to take on flexible trainees. Flexible trainees now still receive basic pay and a supplement to recognise Out of Hours work.

Graduates will now enter a Foundation Programme of two years, where they will gain generic skills in caring for the acutely and critically ill. There will no longer be entry into the Pre-Registration House Officers grade and entry into the Senior House Officer (SHO) grades and Specialist Registrar (SPR) grades is now closed. Doctors on foundation training programmes are now called Foundation House Officer 1 (page 156) and Foundation House Officer 2 (157) depending on the stage of their training. Once they have completed the Foundation Programme, doctors will then compete to enter speciality training programmes. The holder of these posts will be known as Specialty Registrars and this new schema is found on page 158. This grade combines the two old grades of Senior House Officer and Specialist Registrar in a programme of training in a particular speciality (e.g. General medicine, Ophthalmology or Psychiatry). Once in this speciality training programme, the doctor is expected to progress through to the point where they will gain their Certificate of Completion of Training (CCT-formerly known as the Certificate of Completion of Specialist Training or CCST).

The first of these speciality training programmes started in August 2007 and the Royal Colleges will be responsible for producing curricula, the Deaneries for delivering the training and the new Postgraduate Medical Education and Training Board (PMETB) is the

legal national body now responsible for assurance and awarding Completed Certificates of Training.

Doctors who do not wish to become consultants or who are unable to do so are classified under the umbrella term of 'Staff and Associate specialist group' (SASG). This group comprises associate specialists, staff grade doctors, clinical assistants, hospital practitioners, and a number of other non-standard, non-training 'trust' grades. These doctors are not required to be on the specialist register and could under the terms of the old scheme enter from the SHO grade, instead of moving to higher specialist training.

Within the new contract for the staff on training grades, there is a supplement to recognise the significant impact of being on-call, around-the clock, for emergencies. These are paid to reflect the hours and intensity of their work and are paid in addition to the basic salary. This varies from 1 to 8 per cent of basic salary depending on the number of nights per week and weekends affected. The banding supplements are: Band 1C — 20 per cent, band 1B — 40 per cent, Bands 1A and 2B — 50 per cent, Band 2A — 80\* and Band 3 — 100 per cent. The bands reflect whether the post is compliant with the hours controls and rest periods in the new scheme, and also whether the doctor works up to 40, 48 or 56 hours per week, the type of working pattern, the frequency of extra duty and the unsocial nature of the working arrangements. The majority of doctors in the training grades receive a banding supplement — and it is reported by the Department of Health that the majority are on band 1A/2B and are therefore entitled to a supplement of 50 per cent.

In last year's report we added a supplement of 50 per cent to the training grades in order to calculate the total salary of the professional. This year, salaries have been taken from the NHS Staff Earning Estimates, October to December 2007.

## **Continuing Professional Development (CPD)**

This is classified in the Unit Costs report as ongoing training. It is the process by which doctors keep up to date with developments in their own area of practice between the time when they gain a career grade post and their retirement. It may also include elements of more general professional development. The royal colleges have developed formal schemes, which require their members to gain a certain number of credit points over a set time. Credits may be awarded for activities such as attending approved courses, publishing scientific papers, presenting research at meetings, certain teaching duties and participation in audit (quality assurance) exercises. Schemes are still very new, and details vary from college to college. In the past, we have calculated ongoing training by using (provisional) budgetary information provided by the Medical Education Funding Unit of the NHS Executive relating to allocation of Medical and Dental Education Levy funds. Until further cost information is available on the new schemes, this information has been updated.

## **Working hours**

The European Working Time Directive (EWTD) (Department of Health, 2004) cut the number of hours a junior doctor can legally work each week. Currently, juniors are restricted to working 56 hours a week under New Deal arrangements and latest figures show that approximately 97 per cent of junior doctors fall within this limit. In 2009, however, the legal working time drops to 48 hours each week.

The new contract aimed to reduce the number of hours that consultants worked, including aligning with the Working Time Directive and based funding assumptions on consultants working an average 43.3 hours per week.

### **Consultant contract**

The current consultants' clinical excellence awards scheme has been in operation since the 2004 awards round. This scheme has replaced the former separate schemes for discretionary points and distinction awards in England with a single more graduated scheme with common criteria covering both national and local elements.

### **References**

- Department of Health (2004) *A Compendium of Solutions to Implementing the Working Time Directive for Doctors in Training from August 2004*, Department of Health, London.
- British Medical Association (2005) *Junior Doctors Committee Annual Report, May 2005*, British Medical Association, London, <http://www.bma.org.uk/ap.nsf/Content/jdannualreport2005>.

## 13.1 Foundation house officer 1

The Foundation Programme is a two-year, general postgraduate medical training programme which is compulsory for all newly qualified medical practitioners in the UK. The programme has replaced the traditional grades of Pre-Registration House Officer and Senior House Officer. The Foundation Programme forms the bridge between medical school and specialist/general practice training. Foundation House Officers have the opportunity to gain experience in a series of placements in a variety of specialities and healthcare settings.

Costs and unit estimation	2007/2008 value	Notes
A. Wages/salary	£31,200 per year	Taken from the October-December 2007 NHS Staff Earnings estimates for Medical Staff Groups. Based on the mean full-time equivalent total earnings which includes basic salary plus hours related pay, overtime, occupation payments, location payments and other payments including redundancy pay or payment of notice periods. <sup>1</sup> The mean basic salary was £21,400. See Preface for further information and page 168 for information on median salaries. Free hospital accommodation is no longer normally offered in the first year although NHS Employers are encouraging trusts to provide this until August 2008. <sup>2</sup>
B. Salary oncosts	£6,706 per year	Employers' national insurance plus 14 per cent of salary for employers' contribution to superannuation.
C. Qualifications	£19,592 per year	The equivalent annual cost of pre-registration medical education annuitised over the expected working life of the doctor. <sup>3</sup> Postgraduate study consists of a two year Foundation Programme <sup>4</sup> During the first year, trainees hold only provisional registration with the General Medical Council, full registration being granted on successful completion of the F1 year. Costs consist of an amount for the generic curriculum, the postgraduate centres infrastructure costs, study leave and the costs of course organisers, admin support, trainers workshops, vocational training and Internal courses for GP tutors. Excluded are the costs of running the library postgraduate centres. <sup>5</sup> See schema 6.5 for further details on training for health professionals.
D. Overheads	£2,961 per year	Comprises £2,961 for indirect overheads. <sup>6</sup> No allowance has been made for direct overheads because it is not possible to separate these from the cost of treatment.
E. Ongoing training	£2,227 per year	Ongoing training is calculated using budgetary information provided by the Medical Education Funding Unit of the NHS Executive relating to allocation of Medical and Dental Education Levy Funds. This has been updated using the HCHS Pay and Prices inflator.
F. Capital overheads	£3,382 per year	Based on the new build and land requirements of NHS facilities. <sup>7,8</sup> Adjustments have been made to reflect shared use of administration and recreational facilities, including accommodation for night-time duties. Treatment space has not been included. Capital costs have been annuitised over 60 years at a discount rate of 3.5 per cent.
Working time	44.4 weeks per annum 56 hours per week	Includes 25 days annual leave plus 8 statutory leave days. <sup>9</sup> Assumes 5 days sickness leave. No study/training days have been assumed. Under the European Working Time Directive (EWTD), junior non-resident doctors can legally work 72 hours per week while working in a hospital a maximum of 56 hours per week.
London multiplier	1.19 x (A to B) 1.38 x F	Allows for the higher costs associated with London. <sup>10</sup> Building Cost Information Service and Department for Communities and Local Government. <sup>7/8</sup>
Non-London multiplier	0.97 x (A to B) 0.96 x F	Allows for the lower costs associated with working outside London. <sup>10</sup> Building Cost Information Service and Department for Communities and Local Government. <sup>7/8</sup>
<b>Unit costs available 2007/2008 (costs including qualifications given in brackets)</b>		
£19 (£27) per 56 hour week. £15 (£21) per 72 hour week. (includes A to F).		

1 The Information Centre (2008) *NHS Staff Earnings Estimates March 2008*, The Information Centre, Leeds.

2 British Medical Association (2008) *Caring for the NHS, BMA Action on Free Accommodation for Foundation Officers*, BMA, London.

3 Netten, A., Knight, J., Dennett, J., Cooley, R. & Slight, A. (1998) *Development of a Ready Reckoner for Staff Costs in the NHS, Vols 1 & 2*, Personal Social Services Research Unit, University of Kent, Canterbury.

4 National Health Service (2008) *Modernising Medical Careers*, National Health Service, London.

5 Based on personal communication with the London Deanery (2006).

6 Netten, A., Knight, J., Dennett, J., Cooley, R. & Slight, A. (1998) *Development of a Ready Reckoner for Staff Costs in the NHS, Vol 2 Methodology*, Personal Social Services, Research Unit, University of Kent, Canterbury.

7 Building Cost Information Service (2008) *Surveys of Tender Prices*, March, BCIS, Royal Institution of Chartered Surveyors, London.

8 Based on personal communication with the Department for Communities and Local Government (2008). <http://www.communities.gov.uk/documents/housing/xls/141389.xls>.

9 NHS Employers (2006) *Junior Doctors' Terms & Conditions of Service*, NHS Employers, London, <http://www.nhsemployers.org/pay-conditions/pay-conditions-467.cfm>.

10 Based on personal communication with the Department of Health (2008).

## 13.2 Foundation house officer 2

The Foundation Programme is a two-year, general postgraduate medical training programme which is compulsory for all newly qualified medical practitioners in the UK. The programme has replaced the traditional grades of Pre-registration House Officer and Senior House Officer. The Foundation Programme forms the bridge between medical school and specialist/general practice training. Foundation House Officers have the opportunity to gain experience in a series of placements in a variety of specialities and healthcare settings.

Costs and unit estimation	2007/2008 value	Notes
A. Wages/salary	£43,000	Taken from the October-December 2007 NHS Staff Earnings estimates for Medical Staff Groups. Based on the mean full-time equivalent total earnings which includes basic salary plus hours related pay, overtime, occupation payments, location payments and other payments including redundancy pay or payment of notice periods. The mean basic salary was £29,200. <sup>1</sup> See Preface for further information and page 168 for information on median salaries.
B. Salary oncosts	£9,734	Employers' national insurance plus 14 per cent of salary for employers' contribution to superannuation.
C. Qualifications	£20,480	The equivalent annual cost of pre-registration medical education has been annuitised over the expected working life of the doctor. <sup>2</sup> Postgraduate study consists of a two year Foundation Programme. <sup>3</sup> Costs consist of an amount for the generic curriculum, the postgraduate centres infrastructure costs, study leave and the costs of course organisers, admin support, trainers workshops, vocational training and Internal courses for GP tutors. Excluded are the costs of running the library postgraduate centres. <sup>4</sup> See schema 6.5 for further details on training for health professionals.
D. Overheads	£2,961	Comprises £2,961 for indirect overheads. <sup>5</sup> No allowance has been made for direct overheads because it is not possible to separate these from the cost of treatment.
E. Ongoing training	£2,227	Ongoing training is calculated using budgetary information provided by the Medical Education Funding Unit of the NHS Executive relating to allocation of Medical and Dental Education Levy Funds. This has been updated using the HCHS Pay and Prices inflator.
F. Capital overheads	£3,382	Based on the new build and land requirements of NHS facilities. <sup>6,7</sup>
Working time	44.4 weeks per annum 56 hours per week	Includes 25 days annual leave plus 8 statutory leave days. <sup>8</sup> Assumes 5 days sickness leave. No study/training days have been assumed. Under the European Working Time Directive (EWTD), junior non-resident doctors can legally work 72 hours per week while working in a hospital a maximum of 56 hours per week.
London multiplier	1.19 x (A to B) 1.38 x F	Allows for the higher costs associated with London. <sup>9</sup> Building Cost Information Service and Department for Communities and Local Government. <sup>6,7</sup>
Non-London multiplier	0.97 x (A to B) 0.96 x F	Allows for the lower costs associated with working outside London. <sup>9</sup> Building Cost Information Service and Department for Communities and Local Government. <sup>6,7</sup>
<b>Unit costs available 2007/2008 (costs including qualifications given in brackets)</b>		
£23 (£32) per 56 hour week. £18 (£25) per 72 hour week. (includes A to F).		

1 The Information Centre (2008) *NHS Staff Earnings Estimates March 2008*, The Information Centre, Leeds.

2 Netten, A., Knight, J., Dennett, J., Cooley, R. & Slight, A. (1998) *Development of a Ready Reckoner for Staff Costs in the NHS*, Vols 1 & 2, Personal Social Services Research Unit, University of Kent, Canterbury.

3 National Health Service (2008) *Modernising Medical Careers*, National Health Service, London.

4 Based on personal communication with the London Deanery (2006).

5 Netten, A., Knight, J., Dennett, J., Cooley, R. & Slight, A. (1998) *Development of a Ready Reckoner for Staff Costs in the NHS*, Vol 2 *Methodology*, Personal Social Services, Research Unit, University of Kent, Canterbury.

6 Building Cost Information Service (2008) *Surveys of Tender Prices*, March, BCIS, Royal Institution of Chartered Surveyors, London.

7 Based on personal communication with the Department for Communities and Local Government (2008). <http://www.communities.gov.uk/documents/housing/xls/141389.xls>.

8 NHS Employers (2006) *Junior Doctors' Terms & Conditions of Service*, NHS Employers, London, <http://www.nhsemployers.org/pay-conditions/pay-conditions-467.cfm>.

9 Based on personal communication with the Department of Health (2008).

### 13.3 Specialty doctor

This grade of doctor has replaced the Senior House Officer and the Specialist Registrar. Specialty Doctor training begins directly after completion of the 2 year foundation training programme. There are a number of medical Royal Colleges in the United Kingdom and each is responsible for a different speciality within the medical field. Specialty Doctors spend either 6 years in a hospital speciality before becoming a consultant or three years in general practice before becoming a General Practitioner.

Costs and unit estimation	2007/2008 value	Notes
A. Wages/salary	£48,038	Based on the midpoint of NHS Employers paycales of 2007/2008 rates for a Specialty Doctor. <sup>1</sup>
B. Salary oncosts	£11,084	Employers' national insurance plus 14 per cent of salary for employers' contribution to superannuation.
C. Qualifications	£24,006	The equivalent annual cost of pre-registration medical education and post graduate education. The investment in training has been annuitised over the expected working life of the doctor. <sup>2</sup> Specialty Doctor training involves at least four years' full-time postgraduate training at least two of which will be in a specialty training programme in a relevant specialty. <sup>3,4</sup>
D. Overheads	£2,961	Comprises £2,961 for indirect overheads. <sup>5</sup> No allowance has been made for direct overheads because it is not possible to separate these from the cost of treatment.
E. Ongoing training	£2,227	Ongoing training is calculated using budgetary information provided by the Medical Education Funding Unit of the NHS Executive relating to allocation of Medical and Dental Education Levy Funds. This has been updated using the HCHS Pay and Prices inflator.
F. Capital overheads	£3,382	Based on the new build and land requirements of NHS facilities. <sup>6,7</sup> Adjustments have been made to reflect shared use of administration and recreational facilities, including accommodation for night-time duties. Treatment space has not been included. Capital costs have been annuitised over 60 years at a discount rate of 3.5 per cent.
Working time	42.4 weeks per annum 40 hours per week	Includes 25 days annual leave, 8 statutory leave days, 10 study training days. <sup>4</sup> Assumes 5 days sickness leave. The working week comprises of a basic 40 hour week made up of ten programmed activities of four hours. For details of oncall rates, see NHS Employers, Terms and conditions of service for specialty doctors - England (2008). <sup>4</sup> Unit Costs based on 1696 hours per annum.
London multiplier	1.19 x (A to B) 1.38 x F	Allows for the higher costs associated with London. <sup>8</sup> Building Cost Information Service and Department for Communities and Local Government. <sup>6,7</sup>
Non-London multiplier	0.97 x (A to B) 0.96 x F	Allows for the lower costs associated with working outside London. <sup>8</sup> Building Cost Information Service and Department for Communities and Local Government. <sup>6,7</sup>
<b>Unit costs available 2007/2008 (costs including qualifications given in brackets)</b>		
£40 (£54) per hour.		

1 NHS Employers (2008) *Pay Circular (M&D) 1/2008*, NHS Employers, London.

2 Netten, A., Knight, J., Dennett, J., Cooley, R. & Slight, A. (1998) *Development of a Ready Reckoner for Staff Costs in the NHS, Vols 1 & 2*, Personal Social Services Research Unit, University of Kent, Canterbury.

3 National Health Service (2008) *Modernising Medical Careers*, National Health Service, London.

4 NHS Employers (2008) *Terms and Conditions of Service for Specialty Doctors – England (2008)*, NHS Employers, London.

5 Netten, A., Knight, J., Dennett, J., Cooley, R. & Slight, A. (1998) *Development of a Ready Reckoner for Staff Costs in the NHS, Vol 2 Methodology*, Personal Social Services, Research Unit, University of Kent, Canterbury.

6 Building Cost Information Service (2008) *Surveys of Tender Prices*, March, BCIS, Royal Institution of Chartered Surveyors, London.

7 Based on personal communication with the Department for Communities and Local Government (2008). <http://www.communities.gov.uk/documents/housing/xls/141389.xls>.

8 Based on personal communication with the Department of Health (2008).

## 13.4 Consultant: medical

Costs and unit estimation	2007/2008 value	Notes
A. Wages/salary	£117,450 per year	Based on personal correspondence with the Department of Health on average consultant earnings. <sup>1</sup> On-call and clinical excellence (level 6 - £17,478) payments are included. <sup>2</sup> The mean basic salary was £85,600. See NHS staff earnings estimates for further details on consultants earnings. <sup>3</sup> See Preface for more information.
B. Salary oncosts	£29,686 per year	Employers' national insurance plus 14 per cent of salary for employers' contribution to superannuation.
C. Qualifications	£31,475 per year	The equivalent annual cost of pre-registration medical training and post-graduate medical education. The investment in pre-registration training, 2 years as a Foundation House Officer and 6 years as a Specialty Registrar in a hospital setting have been annuitised over the expected working life of the consultant. <sup>4,5,6</sup> See 6.5 for further details on training for health professionals.
D. Overheads	£35,915 per year	Comprises £7,904 for indirect overheads and £28,011 for secretarial staff costs.
E. Ongoing training	£2,227 per year	Ongoing training is calculated using budgetary information provided by the Medical Education Funding Unit of the NHS Executive relating to allocation of Medical and Dental Education Levy Funds. This has been updated using the HCHS Pay and Prices inflator.
F. Capital overheads	£4,944 per year	Based on the new build and land requirements of NHS facilities. <sup>7,8</sup> Includes shared use of consultation and examination areas, and designated secretarial office space. Capital costs have been annuitised over 60 years at a discount rate of 3.5 per cent.
Working time	41.4 weeks per annum 43.3 hours per week	Includes 30 days annual leave and 8 statutory leave days. Assumes 10 study/training days, and 5 days sickness leave. The new contract aimed to reduce the number of hours that consultants worked, including aligning with the Working Time Directive and based funding assumptions on consultants working an average 4.3 hours. A typical contract is based on 10.83 programmed activities which are 4 hours in length. <sup>9</sup> Unit Costs are based on 1793 hours per annum.
Ratio of direct to indirect time on: patient-related activity	1:0.33	Assuming 69 per cent of consultant time spent on patient-related activity. <sup>10</sup> Time spent teaching has been disregarded, and non-contact time has been treated as an overhead on time spent in patient contact.
London multiplier	1.19 x (A to B) 1.36 x F	Allows for the higher costs associated with London compared to the national average cost. <sup>11</sup> Building Cost Information Service and Department for Communities and Local Government. <sup>7,8</sup>
Non-London multiplier	0.97 x (A to B) 0.96 x F	Allows for the lower costs associated with working outside London compared to the national average cost. <sup>11</sup> Building Cost Information Service and Department for Communities and Local Government. <sup>7,8</sup>
<b>Unit costs available 2007/2008 (costs including qualifications given in brackets)</b>		
£106 (£122) per contract hour; £141 (£163) per patient-related hour (includes A to F).		

1 Personal communication with the Department of Health (2008).

2 Based on personal correspondence with the Department of Health (2008).

3 The Information Centre (2008) *NHS Staff Earnings Estimates March 2008*, The Information Centre, Leeds.

4 Netten, A., Knight, J., Dennett, J., Cooley, R. & Slight, A. (1998) *Development of a Ready Reckoner for Staff Costs in the NHS, Vols 1 & 2*, Personal Social Services Research Unit, University of Kent, Canterbury.

5 Based on information provided by the London Deanery, 2006.

6 National Health Service (2008) *Modernising Medical Careers*, National Health Service, London.

7 Building Cost Information Service (2008) *Surveys of Tender Prices*, March, BCIS, Royal Institution of Chartered Surveyors, London.

8 Based on personal communication with the Department for Communities and Local Government (2008). <http://www.communities.gov.uk/documents/housing/xls/141389.xls>.

9 The Information Centre (2006) *New Consultant Contract: Implementation Survey*, The Information Centre, London.

10 Audit Commission (1996) *The Doctors' Tale Continued*, HMSO, London.

11 Based on personal correspondence with the Department of Health (2008).

### 13.5 Consultant: surgical

Costs and unit estimation	2007/2008 value	Notes
A. Wages/salary	£117,450 per year	Based on personal correspondence with the Department of Health on average consultant earnings. <sup>1</sup> On-call and clinical excellence (level 6 - £17,478) payments are included. <sup>2</sup> The mean basic salary was £85,600. See NHS staff earnings estimates for further details on consultants earnings. <sup>3</sup> See Preface for more information.
B. Salary oncosts	£29,686 per year	Employers' national insurance plus 14 per cent of salary for employers' contribution to superannuation.
C. Qualifications	£31,475 per year	The equivalent annual cost of pre-registration medical training and post-graduate medical education. The investment in pre-registration training, 2 years as a Foundation House Officer and 6 years as a Specialty Registrar in a hospital setting have been annuitised over the expected working life of the consultant. <sup>4,5,6</sup> See 6.5 for further details on training for health professionals.
D. Overheads	£35,915 per year	Comprises £7,904 for indirect overheads and £28,011 for secretarial staff costs.
E. Ongoing training	£2,227 per year	Ongoing training is calculated using budgetary information provided by the Medical Education Funding Unit of the NHS Executive relating to allocation of Medical and Dental Education Levy Funds. This has been uprated using the HCHS Pay and Prices inflator.
F. Capital overheads	£4,944 per year	Based on the new build and land requirements of NHS facilities. <sup>7,8</sup> Includes shared use of consultation and examination areas, and designated secretarial office space. Capital costs have been annuitised over 60 years at a discount rate of 3.5 per cent.
Working time	41.4 weeks per annum 43.4 hours per week	Includes 30 days annual leave and 8 statutory leave days. Assumes 10 study/training days, and 5 days sickness leave. The new contract aimed to reduce the number of hours that consultants worked, including aligning with the Working Time Directive and based funding assumptions on consultants working an average 4.3 hours. A typical contract is based on 10.83 programmed activities which are 4 hours in length. <sup>9</sup> Unit Costs are based on 1793 hours per annum.
Ratio of direct to indirect time on/in: patient-related activity operating theatre	1:0.35 1:2.17	Assuming 68 per cent of consultant time spent on patient-related activity and 29 per cent in theatre. <sup>10</sup> Time spent teaching has been disregarded, and non-contact time has been treated as an overhead on time spent in patient contact.
London multiplier	1.19 x (A to B) 1.36 x F	Allows for the higher costs associated with London compared to the national average cost. <sup>11</sup> Building Cost Information Service and Department for Communities and Local Government. <sup>7,8</sup>
Non-London multiplier	0.97 x (A to B) 0.96 x F	Allows for the lower costs associated with working outside London compared to the national average cost. <sup>11</sup> Building Cost Information Service and Department for Communities and Local Government. <sup>7,8</sup>
<b>Unit costs available 2007/2008 (costs including qualifications given in brackets)</b>		
£106 (£122) per contract hour; £336 (£388) per hour operating; £143 (£165) per patient-related hour (includes A to F).		

1 Personal communication with the Department of Health (2008).

2 Based on personal correspondence with the Department of Health (2008).

3 The Information Centre (2008) *NHS Staff Earnings Estimates March 2008*, The Information Centre, Leeds.

4 Netten, A., Knight, J., Dennett, J., Cooley, R. & Slight, A. (1998) *Development of a Ready Reckoner for Staff Costs in the NHS, Vols 1 & 2*, Personal Social Services Research Unit, University of Kent, Canterbury.

5 Based on information provided by the London Deanery, 2006.

6 National Health Service (2008) *Modernising Medical Careers*, National Health Service, London.

7 Building Cost Information Service (2008) *Surveys of Tender Prices*, March, BCIS, Royal Institution of Chartered Surveyors, London.

8 Based on personal communication with the Department for Communities and Local Government (2008). <http://www.communities.gov.uk/documents/housing/xls/141389.xls>.

9 The Information Centre (2006) *New Consultant Contract: Implementation Survey*, The Information Centre, London.

10 Audit Commission (1996) *The Doctors' Tale Continued*, HMSO, London.

11 Based on personal correspondence with the Department of Health (2008).

## 13.6 Consultant: psychiatric

Costs and unit estimation	2007/2008 value	Notes
A. Wages/salary	£117,450 per year	Based on personal correspondence with the Department of Health on average consultant earnings. <sup>1</sup> On-call and clinical excellence (level 6 - £17,478) payments are included. <sup>2</sup> The mean basic salary was £85,600. See NHS staff earnings estimates for further details on consultants earnings. <sup>3</sup> See Preface for more information.
B. Salary oncosts	£29,686 per year	Employers' national insurance plus 14 per cent of salary for employers' contribution to superannuation.
C. Qualifications	£31,475 per year	The equivalent annual cost of pre-registration medical training and post-graduate medical education. The investment in training of a medical degree, 2 years as a Foundation House Officer and 6 years as a Specialty Registrar in a hospital setting annuitised over the expected working life of the consultant. <sup>4,5</sup> See 6.5 for further details on training for health professionals. Costs consist of an amount for the generic curriculum, the postgraduate centres infrastructure costs, study leave and the costs of course organisers, admin support, trainers workshops, vocational training and Internal courses for GP tutors. Excluded is the cost of the running of the library postgraduate centres.
D. Overheads	£35,915 per year	Comprises £7,904 for indirect overheads and £28,011 for secretarial staff costs.
E. Ongoing training	£2,227 per year	Calculated using information provided by the London Deanery. <sup>6</sup> This includes costs for the new two year foundation programme and the speciality run-through grade. <sup>7</sup>
F. Capital overheads	£4,944 per year	Based on the new build and land requirements of NHS facilities. <sup>8,9</sup> Includes shared use of consultation and examination areas, and designated secretarial office space. Capital costs have been annuitised over 60 years at a discount rate of 3.5 per cent.
Working time	41.4 weeks per annum 43.4 hours per week	Includes 30 days annual leave and 8 statutory leave days. Assumes 10 study/training days, and 5 days sickness leave. The new contract aimed to reduce the number of hours that consultants worked, including aligning with the Working Time Directive and based funding assumptions on consultants working an average 4.3 hours. A typical contract is based on 10.83 programmed activities which are 4 hours in length. <sup>10</sup>
Ratio of direct to indirect time on: face-to-face contacts patient-related activity	1:1.58 1:0.95	Information taken from a study carried out by the Institute of Psychiatry based on a response rate of 41.3% of a sample of 500 consultants. <sup>11</sup> The proportion of working time spent on different activities was estimated as follows: face-to-face settings including contact with patients, carrying out assessments and contact with family members 34%. Other patient related activities added a further 9.5% per cent for meetings with patients or family. Time spent teaching has been disregarded and non-contact time has been treated as an overhead on time spent in patient contact.
London multiplier	1.19 x (A to B) 1.36 x F	Allows for the higher costs associated with London compared to the national average cost. <sup>12</sup> Building Cost Information Service and Department for Communities and Local Government.. <sup>8,9</sup>
Non-London multiplier	0.97 x (A to E) 0.96 x F	Allows for the lower costs associated with working outside London compared to the national average cost. <sup>12</sup> Building Cost Information Service and Department for Communities and Local Government. <sup>8,9</sup>
<b>Unit costs available 2007/2008 (costs including qualifications given in brackets)</b>		
£106 (£122) per contract hour; £207 (£239) per patient-related hour; £274 (£316) per hour patient contact (includes A to F).		

1 Personal communication with the Department of Health (2008).

2 Based on personal correspondence with the Department of Health (2008).

3 The Information Centre (2008) *NHS Staff Earnings Estimates March 2008*, The Information Centre, Leeds.

4 Netten, A., Knight, J., Dennett, J., Cooley, R. & Slight, A. (1998) *Development of a Ready Reckoner for Staff Costs in the NHS, Vols 1 & 2*, Personal Social Services Research Unit, University of Kent, Canterbury.

5 National Health Service (2008) *Modernising Medical Careers*, National Health Service, London.

6 Personal communication with the London Deanery.

7 NHS Employers (2006) *Modernising Medical Careers: A New Era in Medical Training*, NHS Employers, London.

8 Building Cost Information Service (2008) *Surveys of Tender Prices*, March, BCIS, Royal Institution of Chartered Surveyors, London.

9 Based on personal communication with the Department for Communities and Local Government (2008). <http://www.communities.gov.uk/documents/housing/xls/141389.xls>.

10 The Information Centre (2006) *New Consultant Contract: Implementation Survey*, The Information Centre, London.

11 Royal College of Psychiatrists (2003) *Workload and Working Patterns in Consultant Psychiatrists*, College Research Unit, Royal College of Psychiatrists, London

12 Based on personal correspondence with the Department of Health (2008).