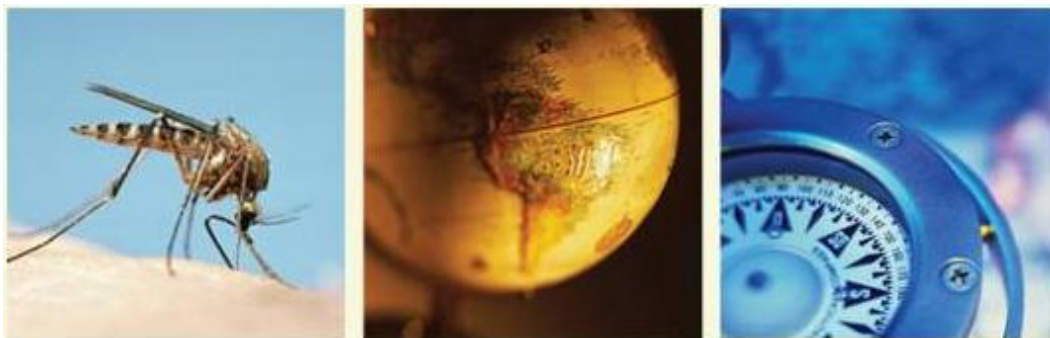


The National Travel Health Network and Centre (NaTHNaC)

Annual Report

2006 - 2007





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EXECUTIVE SUMMARY

Finding accurate, evidence-based information about global health events that have implications for the traveller is a challenging task. Making a confident decision about how to advise the traveller who wishes to avoid insect-transmitted or food and waterborne illness can be equally difficult. Over the past year NaTHNaC has been developing a resource that will help health professionals to readily obtain this information and form their advice to travellers. NaTHNaC has developed web-based country information that will link specific recommendations about what a traveller should do to protect themselves from illness with a comprehensive database of all global health events. This country information will be launched on the NaTHNaC website in September 2007 and should prove to be a key resource for both health professionals and travellers.

Other major areas of accomplishment over the last year have been:

- The NaTHNaC Yellow Fever Vaccination Centre (YFVC) programme. This programme has as its broad goals: setting a standard for yellow fever vaccination as mandated by the new International Health Regulations (IHR 2005), providing a reliable and high quality service for the traveller who visits a YFVC, and improving the overall care of international travellers. Nearly 3,000 YFVC received yellow fever vaccination training over the last year; much of this was provided by an excellent group of trainers that NaTHNaC recruited in early 2006. Following productive discussions with the Northern Ireland Department of Health, Social Services and Public Safety, it is expected that Northern Ireland will join England and Wales in the NaTHNaC YFVC programme in the autumn of 2007.
- Our nurse advisors answered 9,982 calls on the NaTHNaC national advice line for health professionals. These calls represent some of the most challenging clinical scenarios for overseas travellers. Each call is answered by one of our experienced nursing staff and backed up by specific protocols and our travel health physicians. Analysis of the common queries informs the advice we provide as "Frequently Asked Questions" on the website.
- We reviewed 1,003 global health events and entered them onto our Outbreak Surveillance database. Ninety-two of these were reported on our website as "Clinical Updates" with an in-depth review of the event and specific guidance for both the health professional and traveller.
- NaTHNaC partnered with the International Society for Travel Medicine in February 2007 to run the first European review course for the ISTM Certificate of Knowledge examination.
- All clinical members of the NaTHNaC team were admitted to the newly formed Faculty of Travel medicine of the Royal College of Physicians and Surgeons (Glasgow), and Dr. Vanessa Field was elected to the Council of the Faculty.

The plans for the next year are outlined in the NaTHNaC Business plan and are summarised here:

- Complete the Country Information pages and post them on the NaTHNaC website.
- Complete the revision of *Health Information for Overseas Travel*, known as the 'Yellow Book', and publish this as both a hard copy and an on-line resource.
- Arrange for the printing and distribution of the new "Certificate of Vaccination or Prophylaxis" that will replace the International Certificate of Vaccination against Yellow Fever when the revised International Health Regulations (IHR 2005) come into force 15 June 2007.
- Revise the training packet for Yellow Fever Vaccination Centres.
- Continue to enhance our links and partnerships with stakeholders in travel medicine: particularly the Foreign and Commonwealth Office, Health Protection Scotland, and the Centers for Disease Control and Prevention (USA).
- Complete the analysis of the enhanced survey pilot for typhoid and paratyphoid fevers.

It is our firm commitment to provide the best advice and support for travel health professionals as we work together to achieve our goal of "*Protecting the Health of British Travellers*".

Professor David R Hill, Director
Dr Nicholas J Beeching, Chair, Steering Committee

PROGRESS TOWARD MEETING THE NATHNaC OBJECTIVES

The following details our work and accomplishments during 2006-2007 toward meeting the core NaTHNaC objective of “*Protecting the Health of British Travellers*”.

Objective 1: To develop consistent and authoritative national guidance on general health matters for health professionals advising the public travelling abroad, and to disseminate this information widely.

- Key membership positions on the following committees:
 - HPA Advisory Committee for Malaria Prevention (ACMP)
 - Joint Committee for Vaccination and Immunisation (JCVI)
 - Travax Advisory Board of Health Protection Scotland
 - London Area Malaria Group which has the goal of decreasing the burden of malaria in London travellers.
 - Tri-Forces Infectious Disease Group
 - Foreign and Commonwealth Office, Consular Stakeholder Panel
 - British Travel Health Association
 - Royal College of Nursing Travel Health Forum
 - Faculty of Travel Medicine Board, Royal College of Physicians and Surgeons (Glasg)

NaTHNaC plays an integral role in advising the committees on travel-related health matters, providing documents to support their opinion, and helping to reach agreement on policy.

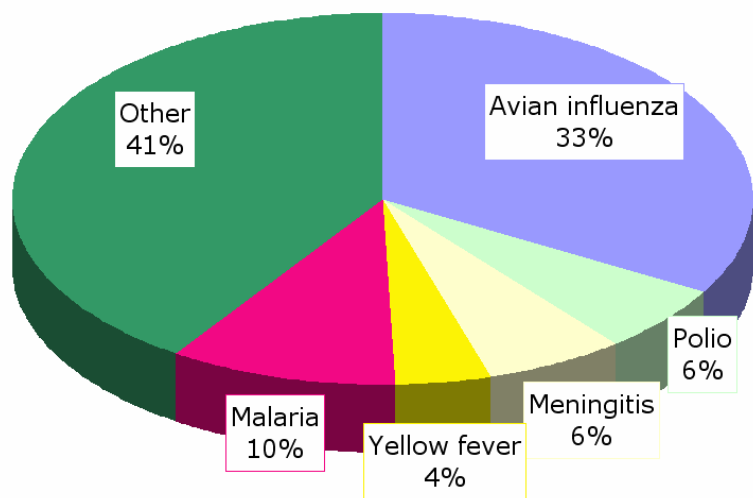
- Input to the JCVI on the new Green Book (*Immunisation against Infectious Disease*) published in November 2006. NaTHNaC contributed to chapters that deal with vaccines used for international travel.
- Contributed to revised ACMP Guidelines for the Prevention of Malaria in UK Travellers. This is the definitive guidance for the UK.
- Review of clinical queries that come through the advice line with the goal of developing evidence-based policy to deal with them and information for posting on the website in the form of frequently asked questions.
- Writing “Clinical Updates” for the NaTHNaC website (see next objective) that present important information on global health events that have implications for travellers.
- Developing country information for the NaTHNaC website for release in September 2007. This new initiative was developed as part of the revision process of the UK “Yellow Book” (*Health Information for Overseas Travel*). The new web pages will provide specific, accurate, evidence-based information and recommendations for each country and territory of the world. They will be linked to the NaTHNaC Clinical Updates, the NaTHNaC Outbreak Surveillance database (see next section) and the Foreign and Commonwealth country pages. The work has been led by Dr Vanessa Field with clinical input from Claire Stringer and the other members of the NaTHNaC clinical staff. The leads for the web development necessary to support these pages have been Naomi Bryant and Stella Bailey. Following a review of a pilot of the pages in March 2007, key changes and improvements will be made prior to the final roll out in September 2007.

Objective 2: To provide guidance on specific situations relating to the health of travellers.

- The NaTHNaC advice line provides advice to travel health professionals throughout the United Kingdom. It is designed to handle queries on travellers who have special health needs or those that are going on unusual or complex travel itineraries. From 1 April 2006 through 31 March 2007, 9,782 calls were taken, similar to the number taken in 2005 - 2006.

In an effort to better understand the experience of callers, NaTHNaC ran an online survey in September 2006 (<http://www.nathnac.org/pro/news/survey.htm>). Seventy-five advice line users responded; 95% of them were satisfied with the service, 97% stated they would use the advice line again, and 90% indicated that the advice they received was excellent. What the callers did highlight was their concern about delays in having their calls answered. The NaTHNaC advice line was developed with the remit of taking calls about complex queries, either because the traveller had special health needs or the itinerary was unusual or complicated. By their nature, these calls take a long time to answer. In addition, current staffing only allows NaTHNaC to have one adviser on the line at any one time. Lastly, our current call system does not allow efficient handling of calls that are waiting in a queue. To help deal with this, a capital bid was made to the HPA for a new centrally held server for the advice line that will improve the reliability of the line, allow multiple advisors to take calls simultaneously in the event of a public health emergency, provide more efficiency in dealing with calls that are waiting, and allow easier measurement of call statistics. This should help improve the service to health professionals.

- The NaTHNaC “Clinical Updates” are a key feature of the website alerting the health professional and the traveller to important global health events and advances in travel medicine. The chart to the right details the types of updates that have been posted since October 2003 (256 of them in total and 93 in the last year). Some of the recent postings in the “other” category have been on rabies in Peru, trypanosomiasis in Malawi, and Rift Valley Fever in east Africa. Prior to posting, each Update undergoes a thorough review process that involves the TMHS and often other parts of the Health Protection Agency, the Department of Health and the Foreign and Commonwealth Office, in addition to core NaTHNaC staff.



- There has been continued growth of NaTHNaC website usage, with more than a 1.1 million hits monthly in the last quarter from January through March 2007.

Objective 3: To carry out surveillance of infectious and non-infectious hazards abroad, producing accessible regular outputs of such surveillance.

- The Travel and Migrant Health Section (TMHS) of the Health Protection Agency takes the lead for work related to surveillance of imported infections in both travellers and migrants into England, Wales and Northern Ireland. In this role it provided NaTHNaC with day to day epidemiologic support.
- The TMHS provided quarterly reports on imported infections that were published in the *Communicable Disease Report* (CDR) (as of 1 January the CDR became the *Health Protection Report* (HPR)). Data on imported infectious disease for the years 2004 and 2005 will be published in August 2007.
- The TMHS produced regular contributions to the HPR and *Eurosurveillance Weekly* (both on-line publications).
- The pilot study of enhanced surveillance of typhoid and paratyphoid infections in England, Wales and Northern Ireland commenced in May 2006 and is set to be completed in May 2007. Preliminary analysis indicates that most enteric fever is imported from south Asia by persons of south Asian birth

or descent who are returning to the region for the purpose of visiting their family and relatives. A final report is due in late 2007.

- The TMHS has been a key player in a malaria capture-recapture study (done in conjunction with London regional Health Protection Unit and the HPA Malaria Reference Laboratory) that aims to estimate under-reporting of malaria.
- The HPA has been designated as the UK National Focal Point for communications with the World Health Organization on International Health Regulation (IHR) matters. Dr Jane Jones, Head of TMHS, leads for the HPA on implementation of the IHR. The close working relationship between TMHS and NaTHNaC ensure that international information from WHO that is important for travellers is communicated appropriately.
- The TMHS published the first report on *Migrant Health. Infectious diseases in non-UK born populations in England, Wales and Northern Ireland. A baseline report - 2006* (available at: http://www.hpa.org.uk/publications/2006/migrant_health/default.htm). Although the work on migrant health is not specifically part of the remit of NaTHNaC, there is close partnership between the section and NaTHNaC toward the common goals of understanding illness that affects all groups of international travellers. The overlap between travel and migrant health has reinforced the importance of the section addressing the public health aspects of both areas.
- Dr Jane Jones has been active in developing policy concerning tuberculosis screening in new entrants and health screening of asylum seekers in the induction centre setting.
- Dr Barry Walsh, Consultant in Communicable Disease Control and Director of the southwest London Health Protection Unit was seconded 0.3 wte to TMHS beginning 15 March 2007 for six months. This secondment is part of work to strengthen working between the Centre for Infections and Local and Regional Services on travel related issues within the HPA. We are delighted to have Barry as part of the NaTHNaC team.

Objective 4: To administer the Yellow Fever Vaccination Centres (YFVCs).

The past year has seen both consolidation and expansion of the NaTHNaC yellow fever vaccination programme. The hard work of the NaTHNaC team, led by Stella Bailey on the administrative side, has achieved wide success of the programme.

- NaTHNaC completed training all existing YFVCs following the requirement that all centres complete training to fulfil the designation requirements for YFVCs established in September 2005. From 1 April 2006 through 31 March 2007, there were 2,280 centres trained during 75 training days. These days were delivered by both our core NaTHNaC staff and our competent and enthusiastic Associate Trainers (see listing for the names of our Associate Trainers).
- NaTHNaC visited representatives of the Northern Ireland Department of Health, Social Services and Public Safety in Belfast in March 2007. The NaTHNaC programme for YFVCs was presented and productive discussions were held to define a way forward for Northern Ireland to join the programme. It is anticipated that Northern Ireland will adopt the NaTHNaC designation process in the autumn of 2007.
- Discussions were held with Health Protection Scotland about their programme for YFVCs. Key elements of the NaTHNaC programme will be incorporated into a process of designation specifically for Scottish YFVCs.
- Final negotiations were held with representatives of the Defence Medical Services for designating YFVCs within the armed forces. An agreement should be reached in Spring 2007 to bring all military centres within the UK under the NaTHNaC programme.
- Discussions were held with Sanofi Pasteur MSD (currently the sole manufacturer of yellow fever vaccine in the UK) about restricting vaccine distribution only to centres that had completed the designation process. This was to insure that no centre that had not fulfilled the requirements under

the NaTHNaC programme could administer yellow fever vaccine. This would further the goal of promoting a uniform standard within the UK and also assure the public that all centres giving vaccine were adhering to these standards. Following a series of communications with YFVCs, as of 7 March 2007, only centres registered with NaTHNaC were able to purchase vaccine. Following some initial adjustments, the process has now progressed smoothly, achieving the desired effect that every practice administering yellow fever vaccine in England and Wales has completed the requirements for designation.

- On 15 June 2007 the new International Health Regulations (IHR 2005) will come into force. IHR 2005 were approved by the World Health Assembly in 2005 and are an important step in the global prevention of public health emergencies. With the introduction of IHR 2005 there will be a change to the way yellow fever vaccination is recorded. It will now need to be written in a revised “International Certificate of Vaccination or Prophylaxis” that replaces the “International Certificate of Vaccination or Revaccination Against Yellow Fever”. NaTHNaC is preparing for this important development by discussing how to print and distribute within the UK nearly 200,000 copies of the new certificate following a template to be issued by WHO over the summer.
- As of 31 March 2007 there were:
 - 2997 YFVCs in England
 - 109 YFVCs in Wales
 - An average of 10 to 20 new centres joining the programme each month

Objective 5: To engage the major stakeholders concerned with travel health especially the travel industry, insurance industry and government bodies, to assist in sentinel surveillance and to engage in constructive dialogue towards a unified approach.

- The NaTHNaC Advisory Group provides important support, helping us to focus on the correct priorities in improving travel health. With representatives from general practice, academia, the travel industry and pharmaceutical companies, twice yearly the group engages in lively discussion that follows formal updates and presentations by the NaTHNaC team. In looking ahead, the NaTHNaC Steering Committee has discussed expanding the remit of the Advisory Group. The expanded remit would have the Advisory Group provide a focused review of NaTHNaC’s goals and objectives that would be presented to the HPA as the commissioning body of NaTHNaC. This review would be on a three yearly basis. The Steering Committee will review and agree the revised terms of reference with the goal of having the first review during the November 2007 meeting of the Advisory Group. We thank Linda Chung for her leadership of the Advisory Group since its inception and welcome Prof Sue Atkinson to the Chair in May, 2007.
- Advice for 2007 Hajj pilgrims was again agreed with representatives of the Muslim Council of Britain. The Director chaired a session during the “Health at Hajj & Umra” conference held in London in November 2006.
- The relationship with the Foreign and Commonwealth Office continues to be enhanced.
 - The FCO receives the daily NaTHNaC Outbreak Surveillance Brief that helps them to remain up-to-date on global health events.
 - NaTHNaC reviews many of the postings on health that appear on the country pages of the FCO website, and also undertook a review of all FCO web material related to travel health.
 - When the NaTHNaC country information pages go live they will link directly to the FCO. This will provide viewers of the website with a complete picture of the important travel issues at a destination: NaTHNaC will give information on health and the FCO on safety and services for British travellers abroad.
 - The Director joined the FCO stakeholders’ panel and presented at their February meeting about NaTHNaC’s new developments for the web.
- Dr Vanessa Field and Prof David Hill helped in the revision of the 2007 edition of the World Health Organization’s book *International Travel and Health*.

- Dr Jane Jones and Prof David Hill travelled to the US Centers for Disease Control and Prevention in May 2006 and met with members of CDC's travel health and migration health teams within the Division of Global Migration and Quarantine. CDC was very interested in the coordinated approach that the Centre for Infections has to imported diseases, the planned report of Migrant Health that was published in November 2006, the Outbreak Surveillance database, the YFVC designation programme, and the close ties that NaTHNaC has developed with the Department of Health and the FCO. It is anticipated that these contacts will lead to productive collaborations.
- All members of the NaTHNaC clinical team were admitted to the newly formed Faculty of Travel Medicine of the Royal College of Physicians and Surgeons (Glasgow). Prof David Hill was admitted as a founding Fellow and Dr Vanessa Field was elected to a seat on the Board.

Objective 6: To facilitate in collaboration with other training providers, the training of health care and other personnel in the provision of best quality travel health advice, based on such evidence as is available.

- NaTHNaC provided leadership on both the Organising Committee and the Scientific Committee for the Northern European Conference on Travel Medicine held in Edinburgh in June 2006. In this position, we partnered with the other travel medicine societies of the UK, particularly Health Protection Scotland who took the lead for the conference, and with the societies of Scandinavia. Members of NaTHNaC presented several papers and Prof David Hill delivered a plenary talk.
- NaTHNaC partnered with the International Society for Travel Medicine (ISTM) in February 2007 to run the first European review course for the ISTM Certificate of Knowledge examination. This examination is given biennially at the site of the meeting of the ISTM that will be in Vancouver in May 2007. The course was held in Liverpool and was highly rated by the 70 participants who came from throughout Europe and from as far away as Hong Kong. The faculty had broad representation from both the UK and the continent. Prof David Hill directed the course with Hilary Simons and Dr Lisa Ford course co-directors and Stella Bailey providing the administrative support.
- Prof David Hill co-directed with Dr Ron Behrens of the Hospital for Tropical Diseases, the annual short course in Travel Medicine at the London School of Hygiene and Tropical Medicine. This course is one of the premier travel medicine educational events within Europe.
- Dr Vanessa Field, as a member of the Board of the Faculty of Travel Medicine, sits on the Education subcommittee of the Faculty. They are tasked with developing educational programmes.
- Each member of the NaTHNaC clinical team and TMHS staff was active in teaching and delivering lectures at several conferences both within the UK and internationally (please see the Outputs section, p. 10).
- All clinical staff teach on the YFVC training days throughout England and Wales.

Objective 7: To define short-term and long-term research priorities in relation to travel medicine.

- A steady series of articles have been published by NaTHNaC staff. These are listed in the Outputs section of the Annual Report. Prof. David Hill chaired the Infectious Diseases Society of America guidelines panel on Travel Medicine. These guidelines set forth the rationale for travel medicine and the minimum standards to practice in the field for the United States. They were published in the journal *Clinical Infectious Diseases* in December 2006 and can be accessed at: <http://www.journals.uchicago.edu/CID/journal/issues/v43n12/40908/40908.html>.
- NaTHNaC and TMHS staff presented several papers at the Northern European Conference on Travel Medicine in Edinburgh in June 2006.
- Analysis of several aspects of the work of NaTHNaC is ongoing. The practice of YFVCs in England has been surveyed and submitted for publication, and all calls to the advice line have been entered into a database and are being analysed.

NATHNaC PERSONNEL

Steering Committee

The NaTHNaC Steering Committee has representation from each of the NaTHNaC partners plus the Department of Health, the HPA and UCLH NHS Foundation Trust. NaTHNaC is grateful to the commitment, insight and contributions that each of the members make.

Tessa Walton moved as Director of the UCLH Infections Directorate and was replaced by Tom Smerdon.

Steering Committee Members:

Dr Nick Beeching	Liverpool School of Tropical Medicine (Chair)
Dr Ron Behrens	Hospital for Tropical Diseases
Prof Andy Hall	London School of Hygiene and Tropical Medicine
Dr David Lalloo	Liverpool School of Tropical Medicine
Prof David Hill	NaTHNaC
Tessa Walton/Tom Smerdon	University College London Hospital NHS Foundation Trust
Dr Ailsa White	Department of Health
Dr Barry Evans	Centre for Infections, Health Protection Agency
Dr Graham Bickler	Health Protection Agency

NaTHNaC Staff: 2006-2007

Prof David R Hill	Director
Dr Vanessa Field	Physician, Travel Health Advisor, London
Claire Stringer	Nurse Advisor, London
Alex Jordan	Nurse Advisor, London
Mary Gawthrop	Nurse Advisor, London
Hilary Simons	Nurse Advisor, Liverpool
Dr Lisa Ford	Physician, Travel Health Advisor, Liverpool
Dr Jane Jones	Epidemiologist in Travel and Migrant Health, Director, Travel and Migrant Health Section, HPA Centre for Infections
Jo Lawrence	Travel Health Surveillance Scientist, HPA Centre for Infections
Naomi Bryant	Information Scientist, London
Emma Philpott	YFVC Administrator, London
Terence Corrigan	Data Manager, London
Catriona Grant	Administrative support, London
Stella Bailey	NaTHNaC and YFVC Manager, London
John Mathewson	Business Manager, London

TMHS staff

Dr Jane Jones	Epidemiologist in Travel and Migrant Health, Director, Travel and Migrant Health Section, HPA Centre for Infections
Jo Lawrence	Travel Health Surveillance Scientist, HPA Centre for Infections
Dr Barry Walsh	CCDC and Director of the southwest London HPU. (0.3wte secondment for six months from 1 st April 2007)

THE NATHNAC ADVISORY GROUP

The Advisory Group was convened with the broad aim of ensuring that NaTHNaC address all appropriate areas of travel health. It has representation from the major stake-holders within travel medicine.

Advisory Group: 2006-2007

Chair: Linda Chung	UCLH NHS Foundation Trust, London
Claire Cameron	Health Protection Agency, Centre for Infections
Jane Chiodini	RCN Travel Health Forum, London
Dr Chris Conlon	Nuffield Department of Medicine, Oxford
Dr David Dance	Regional Microbiologist, Health Protection Agency South West, Plymouth
Dr Richard Dawood	Fleet Street Travel Clinic, London
John De Vial	Director, Quality and Safety Services, My Travel UK
Fiona Genasi	Health Protection Scotland, Glasgow
Prof Larry Goodyer	Leicester School of Pharmacy
Wing Cmdr Andrew Green	Communicable Disease Control, Defence Medical Services Department
Sheila Hall	Travel Health Related Education & Care, Glasgow
Maura Hughes	UK Vaccine Industry Group, London
Nicola Joyce	Welsh Assembly, Cardiff
Dr George Kassianos	GP Practice, Wokingham
Dr Ted Lankester	Interhealth, London
Dr Susanna Maybin	Volunteers in Service Organisation, London
Keith Richards	Association of British Travel Agents, London
Dr Matthias Schmid	Newcastle General Hospital
Dr Vyv Thornton	Occupational Medicine, London
Dr Jane Wilson-Howarth	GP Practice, Cambridge
Joanne Yarwood	Immunisation Information, Department of Health
Dr Jane Zuckerman	Royal Free & University College Medical School, London

YELLOW FEVER VACCINATION CENTRE ASSOCIATE TRAINERS

This group of travel health specialists has greatly aided NaTHNaC in helping to train the more than 3,000 registered YFVCs in England and Wales.

Jane Chiodini
Carolyn Driver
Norma Evans
Sandra Grieve
Alison Jenkins
Kath Lynch
Cate Riley
Dr Steve Riley

OUTPUTS FOR 2006-07

Key: SB – Stella Bailey	RG – Ruth Gilbert	JL – Joanne Lawrence
NB – Naomi Bryant	DRH – David Hill	JM – John Mathewson
VF – Vanessa Field	JJ – Jane Jones	HS – Hilary Simons
LF – Lisa Ford	AJ – Alexandra Jordan	CS – Claire Stringer
MG – Mary Gawthrop	DL – David Lalloo	RT – Rose Tucker

A. Honours and Distinctions	
Fellowship, Faculty of Travel Medicine, Royal College of Physicians and Surgeons (Glasgow) (RCPS (Glasg))	DRH
Membership, Faculty of Travel Medicine, RCPS (Glasg)	HS CS AJ MG VF LF
Faculty of Travel Medicine, Election to Board, RCPS (Glasg)	VF
Diploma in Tropical Medicine and Hygiene (Gorgas Memorial Course, Instituto de Medicina Tropical, Lima, Peru)	VF
1 st Prize, Oral presentation. Ford L, Simons H, Tucker R, Bryant N, Stringer C, Jordon A, Field V, Hill DR. Assessment of knowledge about yellow fever vaccination: Information from the National Travel Health Network and Centre (NaTHNaC) training programme for Yellow Fever Vaccinations Centres (YFVC). Northern European Conference on Travel Medicine, Edinburgh, June 2006.	LF HS RT NB CS AJ VF DRH
2 nd Prize, Poster presentation. Ford L, Beeching NJ, Platt MJ. Medical student electives: risks of illness, accidents and assaults at different destinations. Northern European Conference on Travel Medicine, Edinburgh, June 2006.	LF
3 rd Prize, Oral presentation. Beeching NJ, Welby SB, Ford L. The provision of HIV post exposure prophylaxis for medical student electives: the Liverpool experience 1999-2005. Northern European Conference on Travel Medicine, Edinburgh, June 2006.	LF
B. Professional Activities	
London School of Hygiene and Tropical Medicine – Honorary Professor	DRH
London School of Hygiene and Tropical Medicine – Honorary Senior Lecturer	JJ
London School of Hygiene and Tropical Medicine - Co-Director, Short Course on Travel Medicine: LSH&TM 3-7 April, 2006	DRH
Northern European Conference on Travel Medicine (NECTM), Edinburgh, June 2006 Member Scientific Committee Member Organising Committee	HS DRH
Infectious Diseases Society of America Chair, Guidelines panel for the Practice of Travel Medicine	DRH
International Society of Travel Medicine Member, Editorial Board, Journal of Travel Medicine Member, Scientific Committee, 10 th Conference of the International Society of Travel Medicine (CISTM10), Vancouver, Canada, May, 2007	DRH

American Society of Tropical Medicine and Hygiene Member, Communications Award Committee Member, Education Committee	DRH
International Society of Travel Medicine: Preparatory Course for the ISTM Certificate in Travel Health (CTM®), Liverpool February 2007 Chair Co-Chair	DRH HS LF
HPA Advisory Committee on Malaria Prevention – Member	DRH
Royal College of Nursing Travel Health Forum - Steering Committee	AJ
TRAVAX, Health Protection Scotland – Advisory Board Member	VF HS
Royal College of Physicians and Surgeons (Glasgow) Faculty of Travel Medicine, Education and Professional Development sub-committee, Member Diploma of Travel Medicine, Examiner	VF
Nursing Standard: Editorial Board	AJ
Northern European Conference in Travel Medicine, Helsinki, Finland, May 2008 Scientific Committee Organising Committee	VF DRH
Deputy Hon. Secretary – BTHA Executive Committee	CS
Editorial Review: World Health Organization. <i>International Travel and Health 2007</i> Institute of Medicine. <i>Gulf War and Health</i> . Vol 5. Washington. 2006. Lankester T. <i>Travellers Good Health Guide</i> , 2 nd Edition. 2006 Travel Health Berlitz Pocket Guide 2 nd Edition, 2008	DRH VF DRH VF VF
British Travel Health Association Executive Committee; Deputy Secretary Publications Sub-Committee	CS AJ
C. Publications	
BOOKS	
Bannister B, Gillespie S, Jones J. Eds. <u>Infection: Microbiology and Management</u> . 3 rd Ed. Blackwell Publishing Ltd, 2006.	JJ
MONOGRAPH	
Chiodini P, Hill D, Laloo D, Lea G, Walker E, Whitty C, Bannister B. Guidelines for malaria prevention in travellers from the United Kingdom. Health Protection Agency. London, 2007, 106 pp.	DRH
TRAINING RESOURCES	
Yellow Fever Vaccination Centres: Associate Trainer pack. London. The Stationary Office	SB HS DRH RT
Yellow Fever Vaccination Centre: Delegate Pack. London. The Stationary Office	SB HS DRH RT

JOURNAL PUBLICATIONS	
Hill DR, Ford, L, Laloo D. Oral cholera vaccines: use in clinical practice. <i>Lancet Infect Dis.</i> 6 :361-373, 2006.	DRH LF
Hill DR, Baird JK, Parise ME, Lewis LS, Ryan ET, Magill AJ. Primaquine: Report from CDC expert committee on malaria prevention. <i>Am J Trop Med Hyg.</i> 75 :402-415, 2006	DRH
Hill DR, Ericsson CD, Pearson RD, Keystone JS, Freedman, DO, Kozarsky, PE, DuPont HL, Bia FJ, Fischer PR, Ryan ET. The practice of travel medicine: Guidelines by the Infectious Disease Society of America. <i>Clin Infect Dis.</i> 43 :1499-539, 2006.	DRH
Stringer CS, Tucker R. What GPs need to know about preventing yellow fever. <i>Gen Practitioner</i> 24-5, 2006.	CS RT
Jordan A. Scenarios from the NaTHNaC telephone advice line. <i>Brit Travel Health Assoc J</i> 8 :46-50, 2006.	AJ
Threlfall EJ, Day M, de Pinna E, Lewis H, Lawrence J. Drug-resistant enteric fever in the UK (letter). <i>Lancet</i> 367 :1576, 2006.	JL
Laloo DG, Shingadia D, Pasvol G, Chiodini PL, Whitty CJ, Beeching NJ, Hill DR, Warrell DA, Bannister BA and for the HPA Advisory Committee on Malaria Prevention in UK Travellers. UK malaria treatment guidelines. <i>J Infect</i> 54 :111-121, 2007.	DRH
Blacksell SD, Bryant NJ, Paris DH, Doust JA, Sakoda Y, Day NP. Scrub typhus serologic testing with the indirect immunofluorescence method as a diagnostic gold standard: a lack of consensus leads to a lot of confusion. <i>Clin Infect Dis</i> 2007; 44 :391-401, 2007	NB
Jordan AJ. Scenarios from the NaTHNaC telephone advice line. <i>Brit Travel Health Assoc J</i> 9 :51-54, 2007.	AJ
Jordan AJ. International Health Regulations and the traveller. <i>Brit Travel Health Assoc J</i> 9 :7, 2007.	AJ
OTHER PUBLICATIONS	
Ford L, Laloo DG, Hill DR. Cholera vaccines; Authors' reply (letter). <i>Lancet Infect Dis.</i> 7 :178, 2007.	LF DRH
Jordan AJ. The National Travel Health Network and Centre. <i>Royal College of Nursing Defence Nurses Forum Newsletter</i> 26 March 2007.	AJ
Eurosurveillance Weekly	
Lawrence J, Chiodini P. <i>Plasmodium falciparum</i> malaria in Jamaica, October – December 2006. <i>Eurosurveillance Weekly</i> [serial online] 11 (12), 2006.	JL
Communicable Disease Report Weekly and Health Protection Report – news articles	
HPA. Chikungunya virus in the Indian Ocean. <i>Commun Dis Rep Wkly</i> [serial online] 2006; 16 (16).	JL JJ
HPA. A pilot of enhanced surveillance of enteric fever in England, Wales, and Northern Ireland. <i>Commun Dis Rep Wkly</i> [serial online] 2006; 16 (18).	JL JJ
HPA. Chikungunya: increase in imported cases. <i>Commun Dis Rep Wkly</i> [serial online] 2006; 16 (21).	JL JJ
HPA. Malaria imported into the United Kingdom in 2005: implications for those advising travellers. <i>Commun Dis Rep Wkly</i> [serial online] 2006; 16 (23).	JL

HPA. Crimean Congo haemorrhagic fever in Turkey. <i>Commun Dis Rep Wkly</i> [serial online] 2006; 16 (29).	JL JJ
HPA. Guidelines for Hajj pilgrims 2006. <i>Commun Dis Rep Wkly</i> [serial online] 2006; 16 (46).	JL JJ
HPA. Health Protection Agency publishes its first migrant health report. <i>Commun Dis Rep Wkly</i> [serial online] 2006; 16 (46).	RG JJ
HPA. <i>Plasmodium falciparum</i> malaria in Jamaica. <i>Commun Dis Rep Wkly</i> [serial online] 2006; 16 (49).	JL JJ
HPA. Imported chikungunya in the United Kingdom. <i>Commun Dis Rep Wkly</i> [serial online] 2006; 16 (50).	JL JJ
HPA. <i>Plasmodium falciparum</i> malaria in Jamaica - update. <i>Health Prot Rep Wkly</i> [serial online] 2007; 1 (1).	JL JJ
HPA. Cluster of malaria cases from northern Goa . <i>Health Prot Rep Wkly</i> [serial online] 2007; 1 (1).	JL JJ
HPA. Cluster of malaria cases from northern Goa - update . <i>Health Prot Rep Wkly</i> [serial online] 2007; 1 (10).	JL JJ
HPA. Imported chikungunya in the United Kingdom -2006. <i>Health Prot Rep Wkly</i> [serial online] 2007; 1 (15).	JL JJ
Communicable Disease Report Weekly and Health Protection Report– scheduled articles	
HPA. Imported infections, England and Wales: October to December 2005. <i>Commun Dis Rep Wkly</i> [serial online] 2006; 16 (14): travel health	JL JJ
HPA. Imported infections, England and Wales: January to March 2006. <i>Commun Dis Rep Wkly</i> [serial online] 2006; 16 (27): travel health	JL JJ
HPA. Imported Infections, England and Wales: April to June 2006. <i>Commun Dis Rep Wkly</i> [serial online] 2006; 16 (40): travel health	JL JJ
HPA. Imported Infections, England and Wales: July to September 2006. <i>Health Prot Rep Wkly</i> [serial online] 2007; 1 (1): travel health	JL JJ
D. Abstracts and Presentations	
Ford L, Simons H, Bryant N, Tucker R, Stringer C, Jordon A, Field V, Hill DR. Assessment of knowledge about yellow fever vaccination: Information from the National Travel Health Network and Centre (NaTHNaC) training programme for Yellow Fever Vaccination Centres (YFVCs). Northern European Conference on Travel Medicine, Edinburgh, June 2006	LF HS NB RT CS AJ VF DRH
Ford L, Laloo D. The introduction of UK National Health Service General Medical Services contract and its effect on travel health care provision. Northern European Conference on Travel Medicine, Edinburgh, June 2006	LF DL
Lawrence J, Jones J. Enhanced surveillance of enteric fever in England, Wales, and Northern Ireland: a pilot study. Northern European Conference on Travel Medicine: Edinburgh, June 2006	JL JJ

Ford L, Simons H, Tucker R, Bryant N, Stringer C, Jordon A, Field V, Hill DR. Assessment of knowledge about yellow fever vaccination: Information from the National Travel Health Network and Centre (NaTHNaC) training programme for Yellow Fever Vaccinations Centres (YFVC). Northern European Conference on Travel Medicine, Edinburgh, June 2006.	LF HS RT NB CS AJ VF DRH
Ford L, Beeching NJ, Platt MJ. Medical student electives: risks of illness, accidents and assaults at different destinations. Northern European Conference on Travel Medicine, Edinburgh, June 2006.	LF
Beeching NJ, Welby SB, Ford L. The provision of HIV post exposure prophylaxis for medical student electives: the Liverpool experience 1999-2005. Northern European Conference on Travel Medicine, Edinburgh, June 2006.	LF
Bailey S, Tucker R, Simons H, Mathewson J, Hill DR. A programme of registration, training, standards and audit for Yellow Fever Vaccination Centres in England and Wales. Northern European Conference on Travel Medicine, Edinburgh, June 2006.	SB RT HS JM DRH
Bryant N, Hill DR, Simons H, Bailey S, Mathewson J. Analysis of yellow fever vaccination practice in England. Northern European Conference on Travel Medicine, Edinburgh, June 2006.	NB DRH HS SB JM
E. Lectures	
Vaccines for Travel; Travellers' Diarrhoea. Symposium on Travel Associated Disease, Royal Society of Tropical Medicine and Hygiene. LSH&TM, London. 13 March 2006.	DRH
Vaccine Overview. Diploma Course in Travel Medicine. Royal College of Physicians and Surgeons, Glasgow. 16 March 2006.	DRH
Travel Vaccines. The Theory & Practice of Immunisation module, Kent HPU & Kent University, Canterbury. April 2006.	CS
Immunisation – Travel Vaccines; Enteric Infection Including Travellers' Diarrhoea; Malaria Prophylaxis – Q & A; Problem Workshop on Travel Health. Short Course in Travel Medicine. LSH&TM, London. 3–6 April, 2006.	DRH
Immunisation of Travellers. New Developments. 16 th European Conference on Clinical Microbiology and Infectious Diseases. Nice, France. 4 April 2006.	DRH
Travel Vaccine Update. Devon PCT Travel Health Study Day, Buckfast Abbey, Devon. May 2006	CS
Vaccine Update: Practice nurse education, University of Portsmouth, School of Health Sciences and Social Work, Portsmouth. 25 th May 2006	HS
Travel Vaccine Update. Dorset PCT Study Day, Bournemouth. June 2006	CS
New Opportunities to Prevent Respiratory Infections in Travellers. Plenary Session, Northern European Conference on Travel Medicine. Edinburgh, UK. 9 June 2006.	DRH
Travel Vaccine Update. Cornwall PCT Travel Health Study Day, Bodmin, Cornwall. July 2006.	CS
Have I got travel health news for you. Foreign and Commonwealth Office Travel Health Conference. London, July 2006.	VF
Travel Medicine. The Pharmacists Role. University Hospital Aintree. September, 2006	LF
Tricky Travel Scenarios, Diploma in Travel Medicine, RCPS, Glasgow, September 2006.	VF

Accessing Travel Health Resources. Nursing in Practice Conference, London. Sept 2006.	AJ
Travel Medicine Today: The Role of NaTHNaC. Northern Ireland Conference on Travel Medicine. Killadeas, NI. 25-26 September 2006.	DRH
Diarrheal Diseases; Immunizations for Travel. Intensive Review Course in Clinical Tropical Medicine and Traveler's Health. American Society of Tropical Medicine and Hygiene. Toronto, Canada. Oct 10-11, 2006.	DRH
Parasitology and Diseases of Travellers and Immigrants. Vincent T. Andriole Infectious Diseases Board Review Course. Toronto, Canada. 11 October 2006.	DRH
Parasitology and Diseases of Travellers and Immigrants. Vincent T. Andriole Infectious Diseases Board Review Course. Toronto, Canada. 11 October 2006.	DRH
Travel Medicine Guidelines. Update on New Practice Guidelines Symposium. 44 th Annual Meeting of the Infectious Diseases Society of America. Toronto, Canada. 13 October 2006.	
Travel Medicine Guidelines. Update on New Practice Guidelines Symposium. 44 th Annual Meeting of the Infectious Diseases Society of America. Toronto, Canada. 13 October 2006.	DRH
Travel Vaccine Update. Dorset Health Protection Unit Study Day, Dorchester. November 2006.	CS
Travel Medicine and Travel Scenarios. Diploma in Tropical Medicine, Liverpool School of Tropical Medicine. Liverpool, November 2006.	LF
The Role of NaTHNaC in Travel Health. 68 th Meeting of the IAPOS Group. GlaxoSmithKline, Brentford. 10 November 2006.	DRH
Measles, Mumps and Rubella. Do we need to vaccinate adult travellers? MASTA Study Day. Royal College of Physicians, London. 10 November 2006.	DRH
Travel and Migrant Health: An introduction to health protection. University of Kent. Dec 2006	JJ
Travel and Migrant Health; Communicable disease control in developed and middle income countries. London School of Hygiene & Tropical Medicine. Feb 2007.	JJ
Travel Scenarios, Questions and Answers. Hill D, Simons H, Preparatory Course for the ISTM Certificate in Travel Health (CTM®). 9 th -10 th February, 2007	HS
Routine Vaccinations; Vaccination for travel; Enteric Infections & Travellers' Diarrhoea. Preparatory Course for the ISTM Certificate in Travel Health (CTH®). Liverpool. 9-10 February 2007.	DRH
Travel and Migrant Health. Canterbury Christchurch University. March 2007.	JJ
Travel Vaccines – an update: The 4 th All Wales Immunisation Conference for Health Care Workers. Port Talbot. Wales. 8 th March 2007	HS
Vaccine Update: Practice nurse education, Hampshire Primary Care Trust. Portsmouth. 15 th March, 2007	HS
Vaccine Overview. Diploma Course in Travel Medicine. Royal College of Physicians and Surgeons, Glasgow. 15 March 2007.	DRH
Vaccines for Travel; Travellers' Diarrhoea. Symposium on Travel Associated Disease, Royal Society of Tropical Medicine and Hygiene. Royal Geographical Society, London. 29 March 2007.	DRH

F. Education and Training	
Yellow Fever Vaccination Centre Training Seminars, April 2006 – March 2007	SB DRH CS AJ HS MG LF VF
London School of Hygiene and Tropical Medicine Co-Director, Short Course on Travel Medicine: LSH&TM 3-6 April 2006 Lecturer and tutor in MSc in Topical and Infectious Diseases Lecturer in Diploma in Tropical Medicine and Hygiene	DRH
University of Connecticut School of Medicine - Guest lecturer in parasitology and tropical Medicine, December, 2006	DRH
Yellow Fever Vaccination Centre Training Seminars (Associate Trainer Update). January 2007	HS AJ JM SB DRH
Preparatory Course for the ISTM Certificate in Travel Health (CTM®). 9 th -10 th February 2007	DRH HS LF
Cfl Induction course – quarterly. Held at Centre for Infections, Colindale	JL RG JJ
G. New initiatives	
Development of country information for the NaTHNaC website	VF NB DRH CS SB
Review of core training program for Yellow Fever Vaccination Centre Training Centres (training pack)	HS AJ SB JM DRH
Collaboration with Muslim Council of Britain London-wide malaria group	JJ DRH
Collaboration with Foreign and Commonwealth Office on travel health advice	DRH JJ JL NB
Enhanced surveillance of enteric fever began 1 May 2006	JJ JL

1. To develop consistent and authoritative national guidance					
Country Information Web Pages	<ul style="list-style-type: none"> Revise pages based on feedback from formal review of draft website March 2007 Finalise Outbreak Surveillance Database and integrate into country pages Launch country pages Upload new content, e.g. leishmaniasis risk 	July 2007 Aug 2007 Sept 2007 Ongoing	NB VF CS SB DRH	Ongoing technology costs of £60,000	Goals 7, 10, 12
<u>Yellow Book Revision</u>			VF DRH Staff	Funding from DH for £80,000	Goals 10 & 12
<ul style="list-style-type: none"> Develop content of YB 	<ul style="list-style-type: none"> Review and edit submitted material Collate material into text 	Nov 2007			
<ul style="list-style-type: none"> Publish hard copy of YB 	<ul style="list-style-type: none"> Work with TSO to develop format and presentation of YB Publish hard copy of YB 	Nov 2007 Jan 2008	TSO		
<ul style="list-style-type: none"> Place content of YB on-line 	<ul style="list-style-type: none"> Adapt hard copy content to on-line template Create fully searchable web-based format Place on NaTHNaC website 	Ongoing, Feb 2008 Spring 2008	TSO		
Links/representation on key national advisory committees	<ul style="list-style-type: none"> Advisory Committee on Malaria Prevention Joint Committee on Vaccination and Immunisation Health Protection Scotland BTHA RCN Travel Health Forum London Malaria Group 	Ongoing	DRH CS AJ HS DRH JJ JL		Goals 10, 11, 12, & 13, 14
Interactions between the HPA MRL, the ACMP and NaTHNaC	<ul style="list-style-type: none"> Regular information sharing between NaTHNaC and MRL Development of advice protocols with ACMP Write FAQs on malaria prevention for joint posting on the HPA and NaTHNaC websites based on calls to MRL and NaTHNaC advice lines 	Ongoing Ongoing Ongoing	DRH JJ PC CW MB		Goal 10, 11, 12
Publicity and communication	<ul style="list-style-type: none"> Promotion of website through search engines and relevant journals/newsletters/articles Attendance/presence at relevant conferences/ meetings/training events Develop brochure describing NaTHNaC Develop pre-travel health brochures 	Ongoing Sept 2007 Sept 2007	DRH JM SB DRH JM SB TSO SB Staff DRH		Goals 11, 13, 14

2. To provide guidance on specific situations					
Country Information Web pages	<ul style="list-style-type: none"> Provide country specific information on malaria prevention, vaccine preventable disease and other select infectious disease risks (see above) Link to Outbreak Surveillance database on global health events Link NaTHNaC information on health with FCO information on safety and services for UK residents 	Sept 2007	NB VF CS SB DRH	Ongoing technology costs of £60,000	Goals 7, 10, 12
National advice line for health professionals	<ul style="list-style-type: none"> Enter advice line information into database Review the content of calls to update NaTHNaC protocols and advice and identify training needs Work with MRL to analyse queries and develop malaria FAQs Explore national needs for telephone advice on travel medicine 	Ongoing Biennial Ongoing Dec 2007	SB NB DRH Staff DRH PC SB JJ DRH	Hire temp personnel for data entry	Goal 10
Global health events	<ul style="list-style-type: none"> Review global data sources daily and enter information into Outbreak Surveillance database Circulate daily reporting to stakeholders Select events with high impact for UK travellers and write Clinical Updates for posting on the NaTHNaC website 	Ongoing	NB JL NB Clinical Staff		Goals 4, 7, 10, 12, 14
Traveller side of website	<ul style="list-style-type: none"> Review content and revise information sheets for travellers Include new resources for travellers 	Ongoing	Staff		Goal 12
3. To carry out surveillance of travel-related illness					
Surveillance of travel related infectious diseases	<ul style="list-style-type: none"> Collate and analyse information on imported infections (in travellers and migrants) from sources within and outside of the Health Protection Agency Produce quarterly summaries in the HPR of data on imported infections Update epidemiology in information sheets on NaTHNaC website Ongoing review of clinical updates/FCO information queries as requested by NaTHNaC Identify and implement measures to improve the utility of existing systems for surveillance of imported infectious illness Develop new systems of surveillance of imported infectious illness Provide NaTHNaC and other key users (e.g. DH/FCO) with daily 	Ongoing Ongoing Ongoing Ongoing Ongoing	JL JJ JL JJ JL JJ JL JJ JL RG JJ JL RG NB	TMHS are seeking additional resource for information officer to support travel and migrant	Goals 4, 7, 8 & 11

	<p>surveillance report on global disease outbreaks and provide HPA with weekly summaries</p> <ul style="list-style-type: none"> • Final report on the pilot for enhanced surveillance of typhoid and paratyphoid fevers • Produce an annual report on imported infection for 2006/07 • Continued improvements to the HPA website content for travel health • Survey of local HPUs information re travel and migrant health 	<p>December 2007</p> <p>December 2008</p> <p>Ongoing</p> <p>October 2007</p>	<p>JL JJ</p> <p>JL JJ RG JJ JL RG BW</p>	<p>health scientists</p>	
Surveillance to include non-infectious hazards to travellers health	<ul style="list-style-type: none"> • Work with external stakeholders e.g. the travel industry to improve information on non-infectious hazards to travellers health, i.e. accidents etc 	Ongoing	JJ JL DRH		Goal 4, 8
Surveillance of imported malaria	<ul style="list-style-type: none"> • Coordinate with London Area Malaria Group • Improve completeness, esp. postcodes • Complete malaria capture-recapture study 	<p>Ongoing</p> <p>Ongoing</p> <p>October 2007</p>	<p>PC MB JJ DRH JL JJ PC and other partners in HPA</p>		Goal 7
Feedback of malaria surveillance results	<ul style="list-style-type: none"> • Supply quarterly and annual data from MRL to NaTHNaC via TMHS according to agreed publication schedule • Improve epidemiological content of HPA malaria pages 	Ongoing	PC VS MB JL		Goal 7 & 11
4. To administer yellow fever vaccination centres				Costs covered through registration fees	Goal 1, 4, 10, 11 & 13
Maintain database for YFVCs	<ul style="list-style-type: none"> • Review YFVC entries 	Ongoing	SB TSO		
Maintain public access locator for YFVCs	<ul style="list-style-type: none"> • Review YFVC entries and make sure they are accurate and accessible for travellers 	Ongoing	SB TSO		
Expand YFVC designation programme throughout UK	<ul style="list-style-type: none"> • Review programme with DHSSPS of Northern Ireland • Reach agreement for adoption of programme for NI YFVCs • Review programme with Health Protection Scotland 	<p>Summer 2007</p> <p>Spring 2007</p>	SB DRH		
Continue YFVC registration and training program for England and Wales	<ul style="list-style-type: none"> • Revise core training curriculum for YFVCs • Work with core trainers to deliver program 	<p>Sept 2007</p> <p>Ongoing</p> <p>Ongoing</p>	DRH HS AJ JM SB		

	<ul style="list-style-type: none"> Schedule training programs throughout the UK 				
New International Certificate of Vaccination or Prophylaxis	<ul style="list-style-type: none"> Determine certificate format from International Health Regulations (2005) and WHO Adapt for use in the UK and reach agreement with Devolved Authorities Print and distribute certificate Discuss with Sanofi Pasteur MSD about distributing certificate to YFVCs 	July 2007 July 2007 Sept 2007 Sept 2007	DRH SB AJ JM		
Review and finalise Assessment and Audit instrument for YFVCs	<ul style="list-style-type: none"> Review Assessment and Audit instrument Pilot instrument Adapt instrument for on-line self assessment Work with PCTs to review inspection process Initiate Assessment and Audit with YFVCs 	Aug 2007 Sept 2007 Dec 2007 Dec 2007 Jan 2008	DRH JM HS AJ SB		
De-designate YFVCs as necessary	<ul style="list-style-type: none"> Implement de-designation policy when thresholds reached 	Ongoing	DRH JM SB		
5. To engage major stakeholders (private and government) concerned with the travel health					
NaTHNaC Advisory Group	<ul style="list-style-type: none"> Hold semi-annual meetings with Advisory Group Have the November 2007 meeting review the course and direction of NaTHNaC for providing advice to the Steering Committee and HPA 	May/Nov 2007 Nov 2007	DRH SB VF NJB		Goal 10 & 11
Foreign and Commonwealth Office	<ul style="list-style-type: none"> Review FCO health postings on their country pages Provide FCO with information on health events through circulation of the daily postings on the Outbreak Surveillance brief Establish mutual links between NaTHNaC country information pages and FCO 	Ongoing Sept 2007	DRH JJ JL NB		Goals 11, 12 & 14
Private sector	<ul style="list-style-type: none"> Hold relevant meetings with pharmaceutical and tourism industry in accordance with the NaTHNaC Private Sector Policy with the aim of improving the travel health information to health professionals and travellers Consider brochures covering travel health and aimed at certain sectors of the travel industry 	Ongoing	DRH JM VF		Goal 11
Increase profile of travel medicine	<ul style="list-style-type: none"> Contact PCTs with information about NaTHNaC role in travel health and YFVCs Discuss with LARS role of travel health 	Ongoing	DRH SB JM		Goal 11

	<ul style="list-style-type: none"> Work with Faculty of Travel Medicine (RCPS Glags) to set standards for training and expertise in travel medicine 		VF		
Collaborate with other global travel health advisory bodies	<ul style="list-style-type: none"> Site visit to US Centers for Disease Control and Prevention to review CDC travel health programme Collaborate with CDC over yellow fever vaccine issues Collaborate with WHO about global epidemiology of disease 	April 2007 Ongoing Ongoing	DRH DRH DRH JJ VF		Goals 11, 12 & 14
Muslim Council of Britain	<ul style="list-style-type: none"> Work to develop agreed advice for Hajj and Umra pilgrims 	Winter 2007	DRH VF CS HS		Goals 12, 14
6. To facilitate training of health care and other personnel					
Training for health professionals	<ul style="list-style-type: none"> Continue the YF training programs Partner with national or international organizations to provide education in travel medicine, e.g. ISTM, BTHA, Faculty of Travel Medicine, London School of Hygiene and Tropical Medicine Assess ongoing educational needs – and whether to expand training 	Ongoing	DRH HS SB VF		Goal 10 & 13
Enhance profile of travel medicine	<ul style="list-style-type: none"> Contact PCTS with information about our role in travel health and YFVCs Discuss with LARS role of travel health 	Ongoing	DRH SB JM		Goal 11
Short course in travel medicine	<ul style="list-style-type: none"> Partner with LSH&TM to run week long short course in travel medicine 	April 2008	DRH		Goal 10
7. To define short-term and long-term research priorities					
Disease risk by country	<ul style="list-style-type: none"> Develop evidence base for decisions about country and region specific disease risk Partner with international and national organizations (e.g. HPS, CDC, WHO PAHO) to facilitate data on risk disease risk Assess epidemiology of yellow fever infection and disease 	Ongoing	DH VF NB		Goal 8
Health outcomes	<ul style="list-style-type: none"> Explore with travel industry how to assess traveller access of health information 	Ongoing	DRH JJ VF		Goal 8
Advice line	<ul style="list-style-type: none"> Review, analyse and present information on NaTHNaC advice line from 2004-2006 Publish information 	Oct 2007 Mar 2008	DH NB CS TC		Goal 8

Aims and Objectives of NaTHNaC:

(as agreed by NaTHNaC Steering Committee – 21 May 2002)

1. To develop consistent and authoritative national guidance on general health matters for health professionals advising the public travelling abroad, and to disseminate this information widely.
2. To provide guidance on specific situations relating to the health of travellers.
3. To carry out surveillance of infectious and non-infectious hazards abroad, producing accessible regular output of such surveillance.
4. To administer the Yellow Fever Vaccination Centres.
5. To engage the major stakeholders concerned with travel health especially the travel industry, insurance industry and government bodies, to assist both in sentinel surveillance and to engage in constructive dialogue towards a unified prevention approach.
6. To facilitate I, in collaboration with other training providers, the training of health care and other personnel in the provision of best quality travel health advice, based on such evidence as is available.
7. To define short-term and long-term research priorities in relation to the above.

Health Protection Agency Goals

- Goal 1 Reducing the incidence and consequences of infection.
- Goal 2 To protect against the adverse health effects of acute and chronic exposure to chemicals, poisons and other environmental hazards.
- Goal 3 To improve protection against the adverse effects of exposure to ionising and non-ionising radiation.
- Goal 4 To protect against new and emerging diseases and health threats.
- Goal 5 To protect and improve the health of children.
- Goal 6 To improve preparedness of responses to health protection emergencies including those caused by deliberate release.
- Goal 7 To strengthen information and communications systems for identifying and tracking diseases and exposures to infectious chemical and radiological hazards.
- Goal 8 To build and improve the evidence base through a comprehensive programme of research and development.
- Goal 9 To develop a skilled and motivated workforce.
- Goal 10 To manage knowledge and share expertise.
- Goal 11 To build on and develop the intellectual assets of the organisation in partnership with industry and other customers, in order to better protect the public.
- Goal 12 To raise the understanding of health protection and involvement of the public and ensure they have access to authoritative, impartial and timely information and advice.
- Goal 13 To strengthen health protection at local and regional levels.
- Goal 14 To contribute to UK international health objectives and to global health.

YEAR-END FINANCE REPORT: Income & Expenditures 2006-2007

NaTHNaC is funded by the Health Protection Agency (HPA), receiving funds on an annual basis. NaTHNaC receives additional funds from their programme of registration, training, standards and audit for Yellow Fever Vaccination Centres (YFVCs). Registration fees from YFVCs are divided between the current year and the following year depending upon the period of registration of the individual centre (one or two years). Training programme fees for YFVCs are targeted to recover costs only. The grant from the DH was provided to roll out the YFVC initiative, revise the NaTHNaC website and revise *Health Information for Overseas Travel*.

Expenditures are divided between the three sites where NaTHNaC operates: the UCLH NHS Foundation Trust in London, the Liverpool School of Tropical Medicine, and the Travel and Migrant Health Section of the HPA, Centre for Infection in Colindale.

INCOME

<i>Annual Core Funding (HPA)</i>	549,451
<i>YFVC Registration Fees (2006-2007)</i>	82,811
<i>YFVC Training Fees</i>	127,218

Carried forward from 2005-2006

<i>Department of Health Grant</i>	65,793
<i>Income (Training/other)</i>	43,247
<i>YFVC Registration fees*</i>	259,446

<i>Total Income</i>	1,127,966
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EXPENDITURES

<i>Staff Costs</i>	549,750
<i>YFVC Training Costs</i>	109,513
<i>Overheads</i>	65,415
<i>Rent</i>	56,356
<i>Project Work & General Expenditure</i>	112,331

<i>Total Expenditure</i>	893,365
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Carry forward to 2007-2008

<i>YFVC Registration fees *</i>	153,397
<i>Department of Health Grant</i>	63,500
<i>YFVC Training fees</i>	17,704

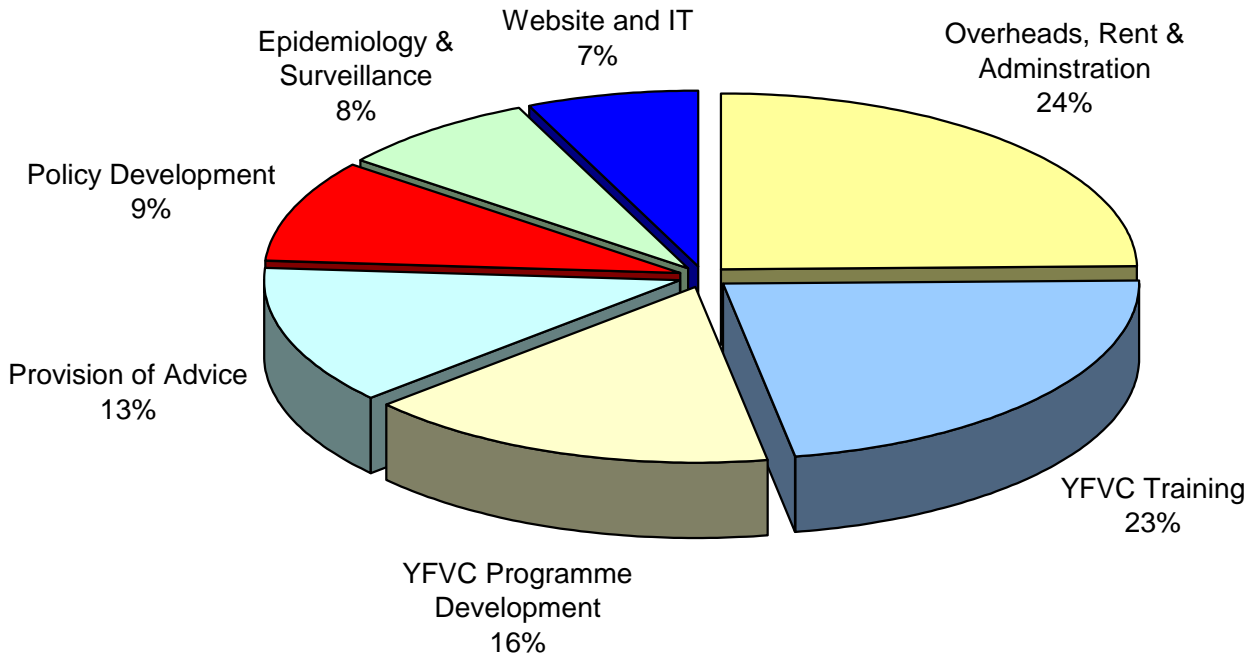
<i>Total Carry Forward</i>	234,601
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<i>Total Expenditure & Carry Forward</i>	1,127,966
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* YFVC registration fees are divided between the current fiscal year and the next fiscal year based on the number of YFVCs that have renewed their registration for one or two years.

SUMMARY OF RESOURCE ALLOCATION

This chart illustrates the allocation of funding during 2006 – 2007 toward the major objectives of NaTHNaC.



BUDGET: 2007-2008

INCOME

<i>Annual Core Funding (HPA)</i>	<i>567,441</i>
<i>YFVC Registration Fees *</i>	<i>306,000</i>
<i>YFVC Training Fees</i>	<i>135,000</i>
<i>Accruals from 2006 - 2007</i>	<i>234,601</i>
<i>Total Income</i>	<i>1,243,042</i>

EXPENDITURES

<i>Staff Costs</i>	<i>629,566</i>
<i>YFVC Training Costs</i>	<i>135,000</i>
<i>Overheads</i>	<i>80,789</i>
<i>Rent</i>	<i>72,000</i>
<i>Projects, IT & General Expenditure</i>	<i>99,687</i>
<i>Total Staff and Centre Costs</i>	<i>1,017,042</i>
 <i>Carry forward to 2008 - 2009</i>	
<i>YFVC Registration fees *</i>	<i>226,000</i>
<i>Total Expenditure & Carry Forward</i>	<i>1,243,042</i>

* YFVC registration fees are divided between the current fiscal year and the next fiscal year based on the number of YFVCs that have renewed their registration for one or two years.

NaTHNaC thanks our partner organisations for their support, expertise and commitment to improving the health of the British traveller

Department of Health
<http://www.dh.gov.uk>

The Hospital for Tropical Diseases, University College London Hospitals NHS Foundation Trust
<http://www.thehtd.org>

London School of Hygiene and Tropical Medicine
<http://www.lshtm.ac.uk/>

Health Protection Agency
<http://www.hpa.org.uk/>

Liverpool School of Tropical Medicine
<http://www.liv.ac.uk/lstm/>

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