

Part III

SECTION 8

The case-studies

[The full text of the case-studies
is provided in Volume II of this Resource]

Overview

During the consultation for this Resource, the request to include case-studies was by far the most common.

This section provides a summary of the case-studies (8a) along with a short profile of each (8b).

Examples included cover both work in progress and completed appraisals from across England and Wales. We hope that the fuller details of the case-studies (Available as a separate volume of this resource) will provide you with material on which you can build in order to undertake HIA within your own organisation or partnership.

The case-studies have been divided into 6 subsections.

- 1. Tools for health impact assessment and health inequalities impact assessment*
- 2. Policy appraisal*
- 3. Transport and air quality*
- 4. Regeneration*
- 5. Housing*
- 6. Social and environmental impact assessment*

There is then a short description of selected other health impact assessment work being undertaken around the UK (8c).

Please note

Copyright for each case-study belongs to the author(s) or, where appropriate, the health authority or local authority concerned. Permission to quote from this work must be obtained from the authors. Moreover, each author or, where appropriate, the health authority or local authority retains the intellectual property rights (IPR) to the work.

We are grateful to all the authors for permission to use their work in this resource.

8a. Summary of case-studies

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8.1 Tools for HIA and health inequalities impact assessment

Case-study 8.1.1: *Kate Smith*

- Implementing Health Inequalities Impact Assessment in Bro Taf

Case-study 8.1.2: *Glyn Pritchard*

- South Essex Health Authority – Health impact assessment tool

8.2 Policy appraisal

Case-study 8.2.1: *Mike Joffe and Sofie De Broe*

- The health impact of European single market legislation

8.3 Transport and air quality

Case-study 8.3.1: *Kate Ardern*

- Health impact assessment of the Merseyside Local Transport Plan ... work in progress

Case-study 8.3.2: *Judith Hooper*

- Health impact assessment of a local transport plan ... work in progress

Case-study 8.3.3: *Mark McCarthy*

- Health impact assessment of transport

Case-study 8.3.4: *Noel McCarthy*

- Health impact assessment of the local transport plan or health sector involvement in planning ... work in progress

Case-study 8.3.5: *Jennifer Mindell*

- Health impact of air quality management plans in Kensington & Chelsea and in Westminster ... work in progress

Case-study 8.3.6: *Paul Watkiss*

- Transport and health in London ... work in progress

8.4 Regeneration

Case-study 8.4.1: *Ruth Barnes*

- Aylesbury Plus: New Deal for Communities – rapid health impact assessment

Case-study 8.4.2: *Ruth Barnes and Karen MacArthur*

- Health impact assessment on the Ferrier Estate ... work in progress

Case-study 8.4.3: *Ben Cave*

- East London health impact assessment toolkit ... work in progress

Case-study 8.4.4: *Oliver Harding*

- Health impact assessment of Grove Vale

Case-study 8.4.5: *Oliver Harding*

- Health impact assessment of Elephant Links Partnership SRB5 ... work in progress

Case-study 8.4.6: *Stephen James*

- Hammersmith & Fulham health impact assessment project – Regeneration, healthy living initiatives and health improvement ... work in progress

Case-study 8.4.7: *Alison Cotterill and Karen Lock*

- Health impact assessment of Houldsworth Mill redevelopment, Stockport(1998)

8.5 Housing

Case-study 8.5.1: *Ruth Barnes*

- Shepherds Bush Housing Association – Assessing the health impact of housing policy ... work in progress

Case-study 8.5.2: *Peter Marks and Peter Foley*

- Targeting housing improvement grants

Case-study 8.5.3: *Peter Molyneux*

- A partnership approach to health

8.6 Social and Environmental Impact Assessment

Case-study 8.6.1: *Nicole Dando*

- Social and environmental impact assessment of University Hospital Lewisham ... work in progress

8b. Short profile of the case-studies

1. Tools for health impact assessment and health inequalities impact assessment

In **Section 8.1**, we feature two case-studies about tool development by personnel working at health authorities:

- for Bro Taf Health authority, *Kate Smith* provides valuable information on the development of health inequalities impact assessment (HIIA) in Bro Taf, a priority for that health authority because it encompasses some of the most deprived and some of the most privileged areas in Wales - the case-study also includes an Equity Checklist (which can be completed in less than 30 minutes) developed for use during the planning of proposals at the health authority (*Case-study 8.1.1*);
- for South Essex Health Authority, *Glyn Pritchard* has provided the grid for HIA that has been developed for use on health authority policies (*Case-study 8.1.2*).

However, in both cases, the arena for the application of these tools is currently being extended to include partner organisations like the local authority and the voluntary sector.

2. Policy appraisal

In **Section 8.2**, there is:

- a case-study of retrospective policy appraisal by *Mike Joffe and Sofie De Broe* (*Case-study 8.2.1*). This strategic level HIA was funded by the European Commission, and was undertaken to investigate the health impacts of the establishment of the European single market. *Joffe and De Broe* present a model for policy appraisal that has three different entry points. They also outline some of the difficulties of appraising policy retrospectively.

3. Transport and Air quality

In **Section 8.3**, we provide six case-studies dealing with the health impacts of transport and air quality.

- Transport is a key priority in the London Health Strategy and it is currently expected that a health impact assessment will be used to examine particular aspects of developing transport policy and practice in London. *Paul Watkiss* of AEA Technology outlines the work commissioned from the NHS Executive London to inform transport health impact assessment. (*Case-study 8.3.6*).

Kate Ardern, Judith Hooper and Noel McCarthy present their work in progress on Local Transport Plans (LTPs). However, although the HIAs are on the same subject, these three case-studies show the diversity of ways in which HIA can be applied.

- *Kate Ardern* (*Case-study 8.3.1*) of Liverpool Health Authority is using the Merseyside model of HIA (*see also* Section 6.2), of which she was one of the three originators.
- *Judith Hooper* (*Case-study 8.3.2*) at Kirklees and Calderdale Health Authority is using a HIA model based on her work with Phil Longworth on health needs assessment (HNA).
- *Noel McCarthy* (*Case-study 8.3.4*) of Bedfordshire Health Authority does not use a model of HIA but instead has taken the evidence base of the effects of transport on health and has devised a set of health impacts against which the LTP will be appraised.

The two other case-studies in this section feature ways in which impacts on health can be quantified.

- *Mark McCarthy* discusses the variety of work undertaken by Camden and Islington Health Authority with different partners on transport and health. As a result of some of this work, he and his team developed a model for assessing the health impacts of transport against four health status outcomes - accidents, coronary heart disease, respiratory illnesses, and mental health - which has been updated for this Resource (*Case-study 8.3.3*).
- *Jenny Mindell* outlines her comprehensive work in progress on the health impact of air quality management plans in Kensington & Chelsea, and Westminster (*Case-study 8.3.4*).

4. Regeneration

In **Section 8.4**, we feature seven case-studies of regeneration projects.

- *Ben Cave* outlines the work in progress to develop a toolkit for HIA on regeneration projects as part of the health action zone (HAZ) initiative in East London (*Case-study 8.4.3*). The toolkit will be applicable to regeneration programmes such as SRB schemes and New Commitment Pathfinders, and will be piloted on three schemes, including a major capital development in the NHS.

Of the remaining six case-studies, three give details of completed appraisals, and the other three outline work in progress.

Of those completed:

- *Ruth Barnes* presents the results of the rapid appraisal she conducted on the Aylesbury Plus New Deal for Communities (NDC) Delivery Plan, and the implications of those findings for the plan (*Case-study 8.4.1*); Ruth used a modified version of the Merseyside model of HIA.
- *Oliver Harding* reports on the results of an HIA of a residential development at Grove Vale (*Case-study 8.4.4*); in addition, he discusses the results of the evaluation of the process of that particular HIA.
- *Alison Cotterill and Karen Lock* have summarised the HIA they undertook on the redevelopment of Houldsworth Mill in Stockport (*Case-study 8.4.7*), and highlight the importance of community involvement in the planning process as one of the outcomes of conducting the HIA.

Of those in progress:

- *Ruth Barnes and Karen MacArthur* present their HIA work to date on the radical transformation of the Ferrier Estate, the largest single project of an SRB programme in Greenwich (*Case-study 8.4.2*). Although the work is at a relatively early stage, they give learning points about the planning and commissioning stages of HIA.
- *Oliver Harding* gives a brief outline of the rapid HIA to be conducted on the Elephant Links Partnership SRB5, a project in which there will be regeneration, mainly of the transport infrastructure, and a concomitant drive to enhance social inclusion (*Case-study 8.4.5*).
- *Stephen James* details two complementary HIAs that will be undertaken on SRB5 projects in Hammersmith & Fulham, in which the emphasis for appraisal is the self-assessed health and well-being of individuals and communities in different wards in Hammersmith (*Case-study 8.4.6*).

5. Housing

In **Section 8.5**, we present three case-studies of housing policy and projects.

- *Ruth Barnes* outlines an in-depth HIA currently being applied to a programme of social housing refurbishment and reallocation in west London (*Case-study 8.5.1*). In particular, she reports on the results of a pilot study completed at the beginning of the HIA, which revealed some interesting patterns in the data, and discusses the learning points that have emerged from the project to date.

- *Peter Marks and Peter Foley* provide an insight into the use of HIA to help target Housing Improvement Grants (*Case-study 8.5.2*); initially they conducted a rapid appraisal, but are now embarking on a concurrent study in order to monitor the effectiveness of the policy as influenced by the initial HIA. They also include a summary of the evidence base they used.
- *Peter Molyneux* of Health & Housing gives the perspective of the voluntary sector in relation to ongoing partnership work to develop the evidence base about the links between housing and health (*Case-study 8.5.3*).

6. Social and Environmental Impact Assessment

In **Section 8.6**, we present a single case-study in which other impact assessment techniques are being used.

- *Nicole Dando* gives a brief outline of the social and environmental impact assessment she is currently undertaking on the University Hospital Lewisham, using the principles and procedures developed by the New Economics Foundation (*Case-study 8.6.1*).

7. Other case-studies

There are also two case-studies in Section 5:

- *Case-study 5.3.1*: The rapid appraisal of the National Stadium at Wembley, undertaken within the Brent Health Action Zone;
- *Case-study 5.3.2*: A review of the services and projects provided by Chiltern District Council.

8c. Other health impact assessment work in the UK (selected examples)

Apart from the HIAs presented in these case-studies, there is other work being undertaken all over the UK. In fact, we sent out over 50 invitations to people to write Case-studies; unfortunately, for some practitioners, the deadline was too pressing; many, however, felt it might be too early to report on what they were doing. Despite this, we thought it would be useful to mention some of these projects here, so that readers may gain a picture of the diversity of work going on.

• Scotland

In Scotland, health impact assessment has been piloted within the Scottish Needs Assessment Programme (SNAP). Three reports have been produced thus far:

- *Health Impact Assessment: Piloting and Process in Scotland*
- *Health Impact Assessment of the City of Edinburgh Council's Urban Transport Policy*
- *Health Impact Assessment of the North Edinburgh Area Renewal (NEAR) Housing Strategy*

Other health impact assessments are currently underway. For details of how to obtain these reports, see Sections 7.1.3 (website), 7.2.5 and 7.2.8.

• Wales

For HIA work in Wales, see Section 7.3, which contains information about the Register of HIAs co-ordinated by John Kemm, HIA in Wales Project, HIA Unit, Welsh combined Centres for Public Health; the work at Bro Taf Health Authority is presented in Case-Study 8.1.1.

• Merseyside HAZ

Information on some of the extensive experience gained by practitioners working within the Merseyside Health Action Zone Programme has been given in various places in this Resource. However, see Case-study 8.3.1 for Kate Arden's current work, and see Section 7.2.6 for references on individual HIAs already completed by the group. In a systematic review of health impact assessments, McIntyre and Petticrew included five of the HIAs conducted by the Merseyside group; for details of how to obtain the systematic review, see Section 7.2.4. The Merseyside group (which includes four health authorities, and the academic institutions in Merseyside) also runs the UK health impact assessment conferences.

• University of Northumbria

Sue Milner at the University of Northumbria is leading a rapidly expanding programme of research and development in health impact assessment. Current work includes developing two screening tools, one for local government in Tyne and Wear, and the other commissioned by the Department of Health. In addition, health impact assessments are being carried out on two projects: (i) a small SRB redevelopment project on a deprived housing estate; (ii) an integrated HIA/EIA of the proposed second Tyne Tunnel. Another 6-7 HIAs are planned to take place during the years 2000-2002. There is also a training and support programme for local people to develop capacity for HIA in the Region. (Sue is happy to be contacted by anyone who wishes to know more: e-mail: sue.milner@unn.ac.uk.)

• University College London

Mark McCarthy and his team at University College London are developing a quantitative model for application during environmental impact assessment (EIA), the use of which will indicate the health outcomes that would apply for an EIA. The intention is to test a preliminary version of the model on some practical examples during 2000 (contact details: see Case-Study 8.3.3). Initial results of this work will be presented at the Third UK Health Impact Assessment Conference (17-18 October 2000, Liverpool).

- **Sheffield HAZ**

Within Sheffield Health Action Zone (HAZ), a programme of participatory HIAs is being undertaken, which will include Sheffield City Council (Planning and Environmental Protection Departments), Sheffield Health Authority, local voluntary groups and the community. HIAs are being conducted on (i) the emerging transport, development and planning policy framework for the East End of Sheffield, and (ii) the planning and transport study of the Sheffield/Rotherham M1 corridor. Funding for the HIAs has been made available through the HAZ Programme.

- **Trent Region and Eastern Region**

There are co-ordinated groups of practitioners working to develop health impact assessment, and currently engaged in undertaking HIA, in both the Trent Region (contact: Rae Magowan) and the Eastern Region (email: Richard.Little@doh.gsi.gov.uk).

- **Berkshire, Buckinghamshire, Northamptonshire and Oxfordshire**

In The Four Counties, a multidisciplinary group including representatives from local authorities, health authorities, NHS Trusts and PCGs are working to develop a rapid appraisal tool, which will be piloted on 9-10 projects during 2000. It is also hoped that the tool can then be piloted by various organisations throughout the UK. Experience of developing an HIA tool “bottom-up”, and of piloting that tool, will be disseminated through a conference run jointly with the Faculty of Public Health.

- **East Sussex, Brighton & Hove Health Authority**

Karen Lock (*see Case-Study 8.4.7*) is continuing her work on HIA with East Sussex, Brighton & Hove Health Authority – an interagency group there is developing a rapid appraisal tool to be used prospectively on local authority policies as part of the HIMP Programme.

Sources of information

Some information in this brief description of the variety of HIA work in the UK was obtained in response to a survey of Directors of Public Health conducted during the latter part of 1999 (last updated 30 December 1999) as part of the Four Counties Project (see above; a summary of the survey results was published in the Health Service Journal, *see Section 7.2.7*). [If you would like a copy of the full results of this survey, contact: Erica Ison, Public Health Resource Unit, The Institute of Health Sciences, Old Road, Oxford OX3 7LF.]

READERS NOTES