

Elements to the project

- Review cost-effectiveness studies
 - Focus of these slides
- Review models of interventions
- Review models of prioritisation

Progress with the review

- 1997 to 18/02/08 n=1,496 studies
 - Need to update review to include most recent studies
 - Estimated number of studies
 - Approximately 40?
- Search engine – NHS EED
 - » NHS EED houses 1,000s of abstracts of economic evaluation studies
 - » Broad search base
 - » Each study already reviewed by 2+ health economists
- Search strategy – intervention specific
 - » Alcohol, obesity, physical activity, tobacco
 - » Used terms developed by HDA
- 2 blinded reviewers, consult third party (SB) to achieve consensus and where there are any queries
- Inclusion/exclusion criteria
 - Economic evaluation (include comparison of 2+ interventions, include assessment of respective costs and benefits)

Next steps (1)

- Obtain set of studies for inclusion on the National Public Health Library website
 - Each study will have a link to its full NHS EED abstract
- *Check whether the website includes any other studies that we have not included & decide whether to include (SHANNON?)*
- Decide if other information needs to be provided to help decision makers make use of the study findings
 - Additional template for inclusion online?
 - Develop with input from current decision makers?

Next steps (2)

- If studies are sufficiently homogeneous, decide how to synthesise data
- Decide how to display the information online
- Potentially consider transferability issues at different levels of decision making
 - Implementation
 - Resource availability
 - Availability of alternative treatments
 - Feasibility
 - Severity of condition
 - Size of health gain
 - Time frame
 - Budget impact
 - Local willingness to pay

Next steps (3)

- Proposed timeframe/ideas
 - Reviewer 1: Complete review of Endnote file by end of w/c 14/07/08
 - Reviewer 2: Complete independent review of Endnote file by end of July
 - Reviewer consensus end of July
 - August: Work with Shannon to compare the studies we obtain with those available on the website
 - August: Obtain full copies of all the papers for which the abstracts will be included online
 - Potentially use full papers as case studies to inform the interview/focus groups/questionnaires for completion by decision makers
 - What works?
 - What information is required by decision makers?
 - If an intervention is considered cost-effective, how might decision makers react?
 - If an intervention is considered less cost-effective than the comparator, again, how might decision makers react?
 - What format is most useful?
 - How should the information that we obtain be displayed?
 - What are the key data that decision makers look for?
 - How is the information used?
 - How decision makers make provision for uncertainty/risk management?
 - What decisions might be informed by this data?
 - Who is responsible for deciding, funding, monitoring and implementing such decisions?

**Progress so far:
What cost-effectiveness
studies have we found
and what they can
tell us?**

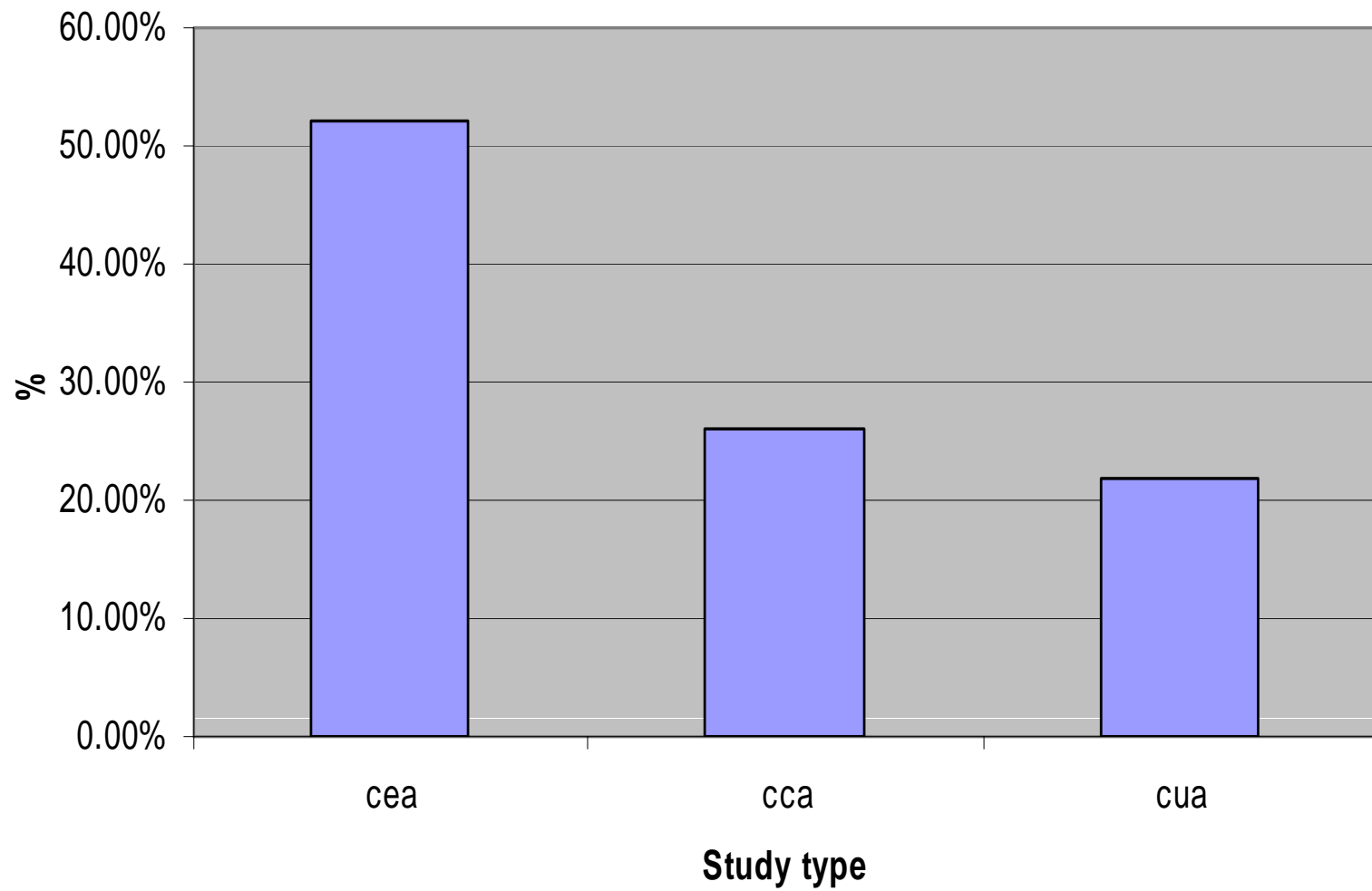
Progress with the review of cost-effectiveness Studies

- Search engine – NHS EED
- Search strategy
 - Alcohol, obesity, physical activity, tobacco
 - Used terms developed by HDA
- Inclusion/exclusion criteria
 - Full economic evaluations
- 1,654 NHS EED abstracts obtained
- 186 NHS EED abstracts for inclusion in the database

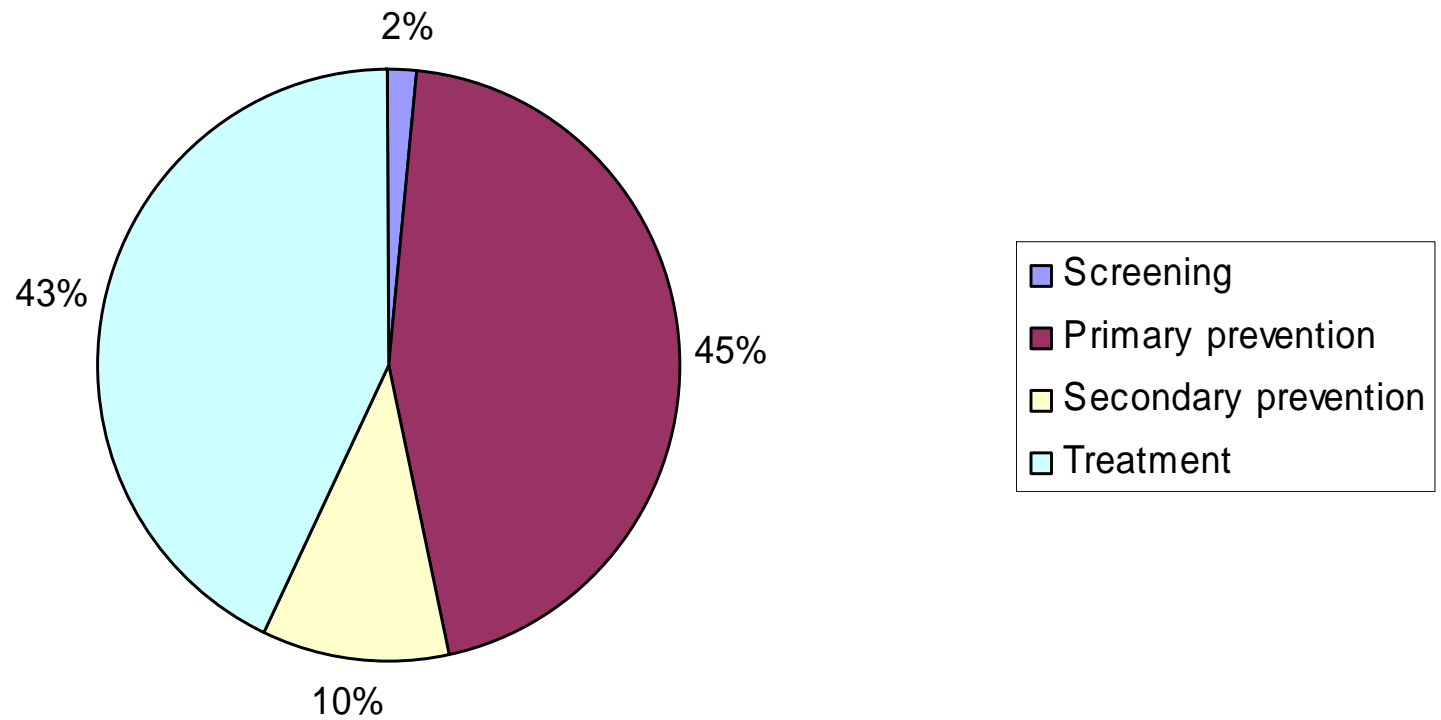
Economic Evaluation Studies in 4 Public Health Fields

Alcohol	Obesity	Physical activity	Tobacco
42	49	22	73

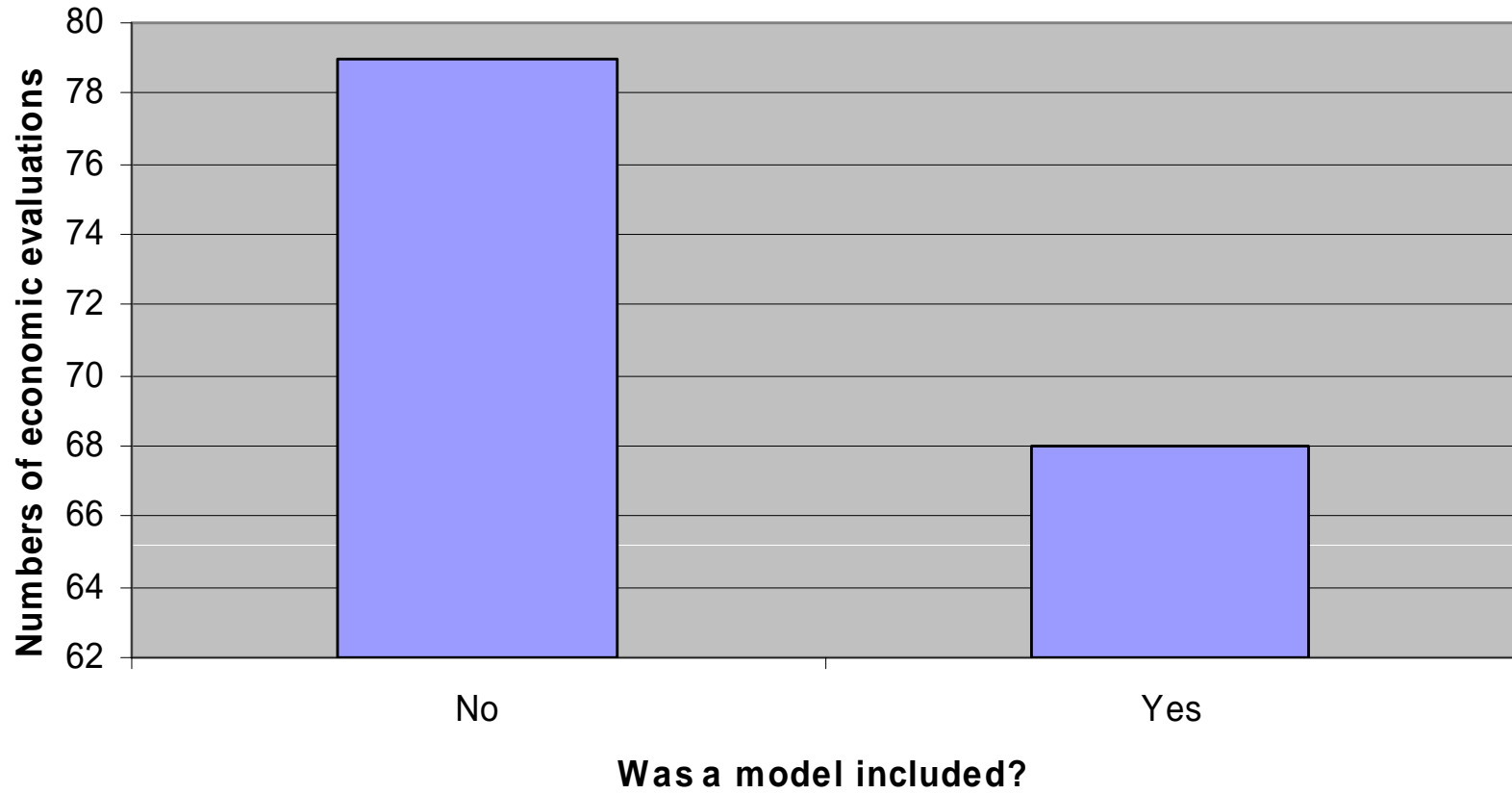
% of different economic evaluation study types



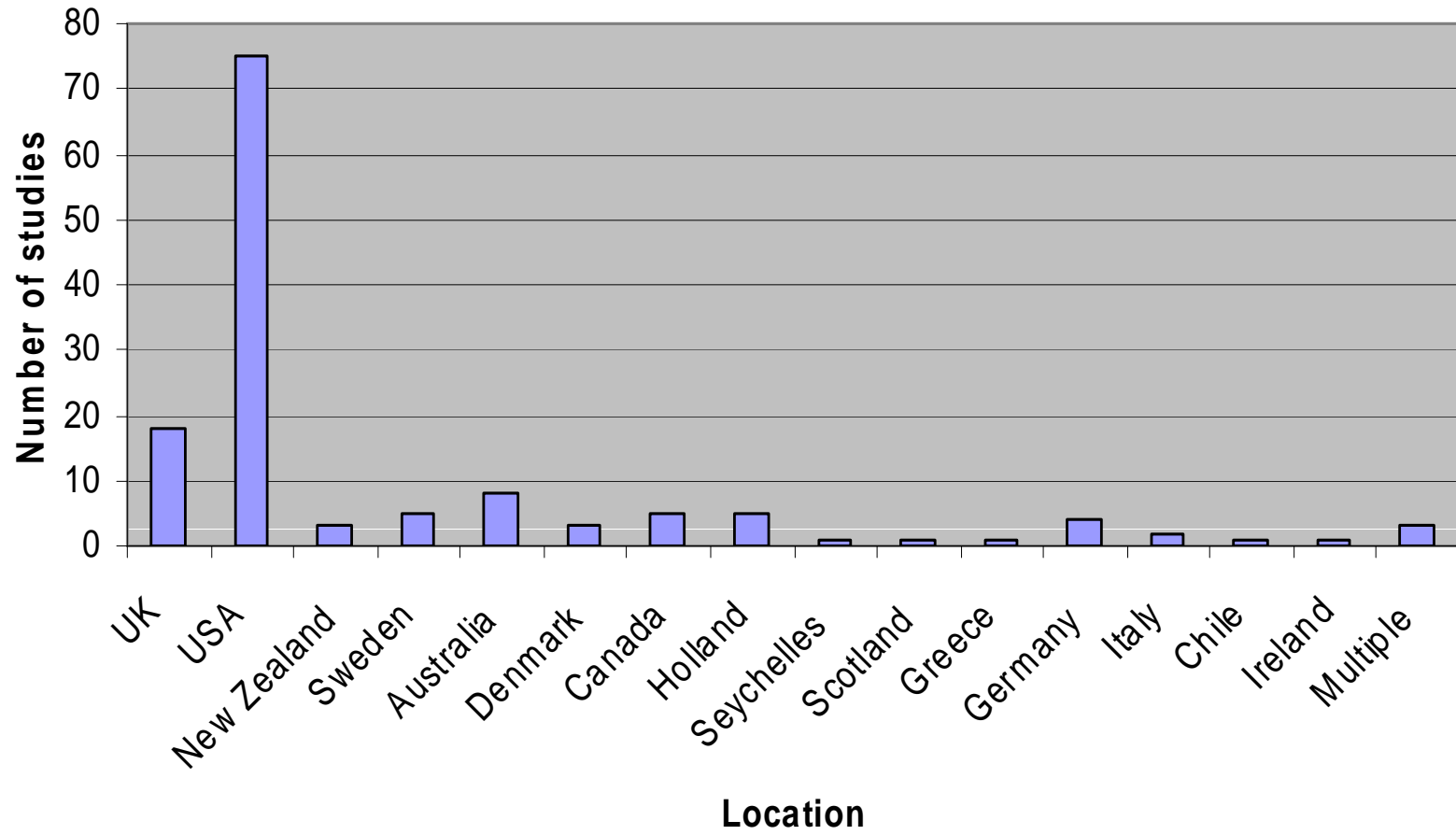
% of studies by type of intervention



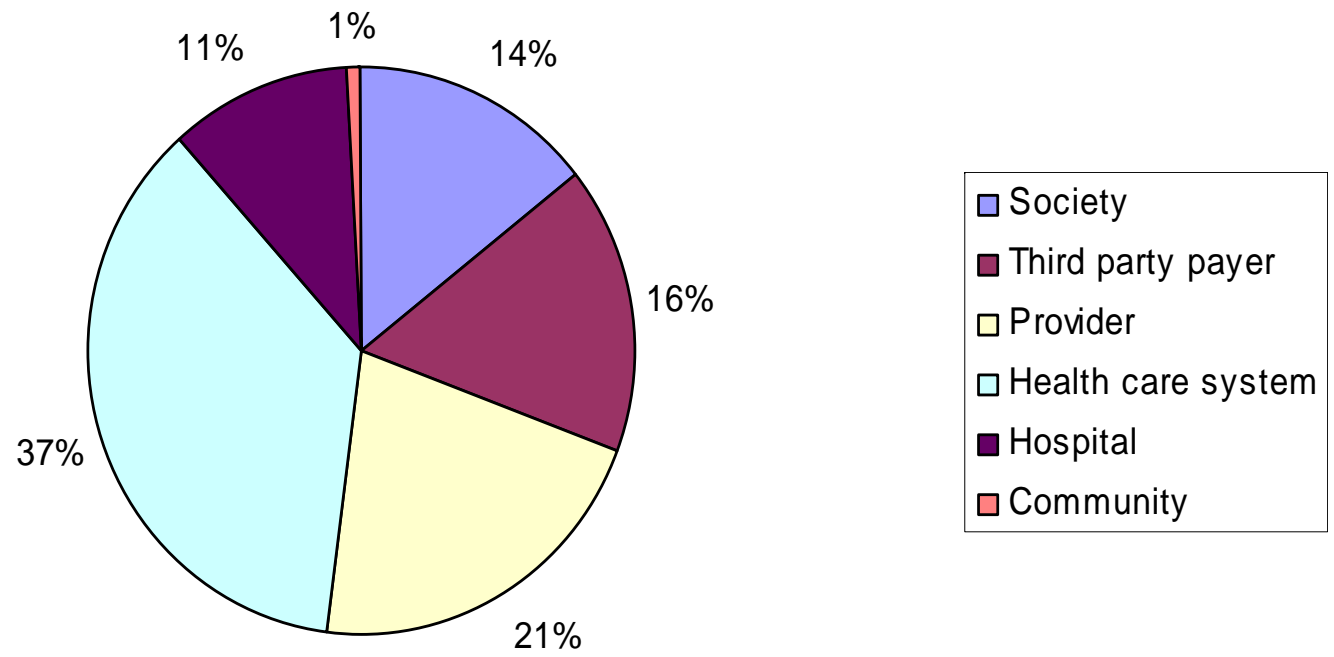
Whether a model was included or not



Location of study



Perspective of the study



Discussion points

- Who do we think will use the library?
- How should it be advertised?
- Do we want to include other sources of data?
 - NHS EED abstracts will not be available currently
 - Expands the inclusion criteria of NHS EED
- How to make economic evaluation information on the NLPH accessible?
 - What information is required?
 - Link to NICE work
 - Link to NHS EED full reviews
 - Link to models using particular evaluations
 - Link to authors of the economic evaluation studies
 - Potential to access their models
- What information should the NLPH convey – and how?
How should the information be displayed online?