## Data to Policy Modules

**Learning Objectives**

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<th>Module</th>
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| **L00 Introduction and Big Picture** | - Understand the D2P program objectives and structure  
- Propose a topic for the D2P program  
- Engage effectively with mentors |
| **Overview of Templates** | - Use the policy brief PowerPoint presentation template  
- Use the policy brief writing template |
| **L01 Policy and Policy Briefs** | - Define “policy” and “policy brief”  
- Explain how health policy is formed  
- Describe components of a policy brief |
| **L02 Literature Search and Other Data Sources** | - Identify various sources of data for your policy brief  
- Use PubMed to access scientific literature  
- Use Google Scholar and other sources to access literature and reports  
- Use specific terms to refine your searches |
| **L03 Framing the Problem** | - Frame a policy topic in terms of the health problem, primary cause and root causes |
| **L04 Root Cause Analysis** | - Create a cause/effect “fishbone” diagram to analyze the root cause(s) of a problem  
- Identify and prioritize modifiable causes as targets of a policy brief |
| **L05 The Problem Statement** | - Discuss why a problem statement is needed  
- Describe the key questions you need to address in an effective problem statement  
- Understand how visual displays can help describe the problem |
| **L06 Epidemiologic Measures in Policy Briefs** | - Use basic and advanced health measures to describe a single population  
- Use basic and advanced health measures to compare two or more populations  
- Determine which measures are most useful to tell which stories  
- Explain measures from the public health literature |
| **L07 Identify Policy Options** | - Develop policy options that address your root causes  
- Analyze feasibility of policy options  
- Identify evidence to assess options |
| **L08 Stakeholder Identification and Mapping** | - Identify and map your stakeholders  
- Prioritize and plan for stakeholder interviews/engagement  
- Conduct stakeholder analysis |
| **L09 Framing an Economic Evaluation** | - Define economic evaluation and its components  
- Understand the benefits of economic evaluation methods for public health decision-making  
- Apply key economic evaluation concepts, such as time frame, analytic horizon, and perspective to your policy topic. |
| **L10 Assessing Health Impact** | - Model and estimate the health impact of a policy option  
- Construct a decision tree model  
- Identify the information needed to use the model |
| **L11 Cost Analysis** | - Define program cost analysis and cost of illness analysis  
- Distinguish between program cost analysis and cost of illness analysis  
- Calculate the costs of your proposed intervention |
| **L12 Economic Evaluation** | - Describe the basics of a full economic evaluation  
- List the steps to conduct a full economic evaluation  
- Define each type of economic evaluation and when to use them  
- Perform a basic cost-effectiveness analysis |
| **L13 Sensitivity Analysis** | - Understand the value of sensitivity analysis  
- Identify and test model inputs and assumptions using sensitivity analysis  
- Present the findings of sensitivity analysis |
| **L14 Effective Writing** | - Write for your audience or stakeholders |
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<tr>
<td></td>
<td>• Be aware of common errors of grammar and syntax to avoid&lt;br&gt;• Understand techniques that can be used to craft clear, concise sentences and paragraphs</td>
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<td>L15 Writing the Problem Statement</td>
<td>• Identify the key information needed to write a problem statement&lt;br&gt;• Use the materials developed during mentoring sessions to write an effective problem statement</td>
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<td>L16 Writing Policy Options</td>
<td>• Summarize effective interventions, accounting for all aspects of feasibility&lt;br&gt;• Visually display the options in a way that clearly makes the case for one option over others&lt;br&gt;• Evaluate policy option sections within briefs</td>
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<td>L17 Making and Writing Recommendations</td>
<td>• Discuss the elements of a good recommendation&lt;br&gt;• Identify key information needed to write a recommendation&lt;br&gt;• Select the most effective intervention(s)&lt;br&gt;• Discuss the next steps (call to action)</td>
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<td>L18 Data Visualization and Presentation</td>
<td>• Discuss the characteristics of good visualization&lt;br&gt;• Identify data stories and the most appropriate visualization types for each&lt;br&gt;• Use guidelines to create the most effective visualization(s) for your policy brief</td>
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<td>L19 Writing Key Messages and Title</td>
<td>• Describe what makes a good key message&lt;br&gt;• Distill your policy brief content down to 2-3 key messages&lt;br&gt;• Describe what makes a good title&lt;br&gt;• Develop an effective title for your policy brief</td>
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<td>L20 Advocacy Strategy and Communications</td>
<td>• Understand the policy and advocacy environment&lt;br&gt;• Describe ways you can advocate for policy change&lt;br&gt;• Use the template provided to create a PowerPoint to present your policy brief&lt;br&gt;• Develop an effective elevator pitch</td>
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