# 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 |
| 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  
• Outline the problem statement for your policy brief |
| L05 Gender Analysis for Policy Development | • Describe how gender affects health status as well as the policy environment  
• Use gender analysis to analyze a health problem and policy options |
| 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 |
| L07b Policy Implementation & Enforcement | • Discuss why implementation and enforcement are important to consider during policy design  
• Identify different mechanisms that can be used to achieve behavior change  
• Assess when sanctions are appropriate for policy enforcement  
• Consider how various factors could influence implementation and enforcement of your policy options |
| L08 Stakeholder Identification and Mapping | • Identify and map your stakeholders  
• Prioritize and plan for stakeholder interviews/engagement  
• Conduct stakeholder analysis |
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| 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  
Be aware of common errors of grammar and syntax to avoid  
Understand techniques that can be used to craft clear, concise sentences and paragraphs |
| L15 Writing the Problem Statement | Identify the key information needed to write a problem statement  
Use the materials developed during mentoring sessions to write an effective problem statement |
| L16 Writing Policy Options | Summarize effective interventions, accounting for all aspects of feasibility  
Visually display the options in a way that clearly makes the case for one option over others  
Evaluate policy option sections within briefs |
| L17 Making and Writing Recommendations | Discuss the elements of a good recommendation  
Write a compelling recommendation and call to action |
| L18 Data Visualization and Presentation | Discuss the characteristics of good visualization  
Identify data stories and the most appropriate visualization types for each  
Use guidelines to create the most effective visualization(s) for your policy brief |
| L19 Writing Key Messages and Title | Describe what makes a good key messages section  
Distill your policy brief content down to 2-3 key messages  
Describe what makes a good title  
Develop an effective title for your policy brief |
| L20 Advocacy Strategy and Communications | Understand the policy and advocacy environment  
Describe ways you can advocate for policy change  
Use the template provided to create a PowerPoint to present your policy brief  
Develop an effective elevator pitch |