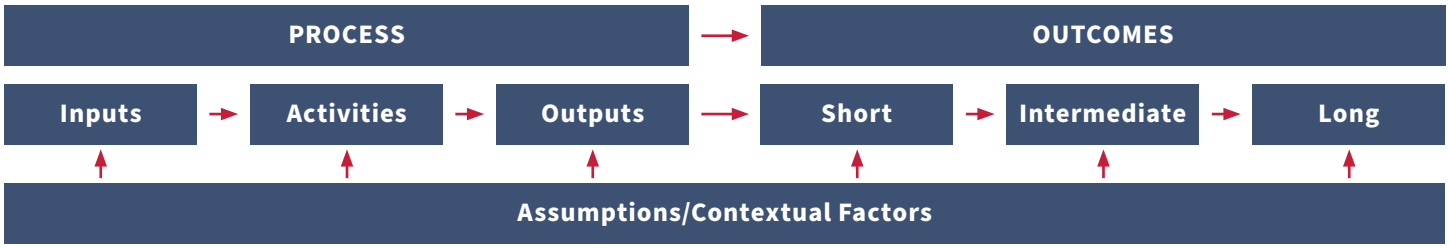
# Developing and Using a Logic Model

The figures and tables below should be used to develop and use a logic model. Logic models can be used as a planning and evaluation tool. These figures and tables come from the resource **Evaluation Guide: Developing and Using a Logic Model** from the CDC State Heart Disease and Stroke Prevention Program.

**Steps for Developing a Logic Model:**

1. Determine the purpose of the logic model
2. Convene collaborators
3. Determine a focus for the logic model
4. Understand the situation
5. Explore the research, knowledge base, and what others have done/are doing
6. Construct a series of linked activities and outcomes or statements using a "left-to-right" or "right-to-left" approach. Then connect the activities with arrows to show linkages

*Figure 1. Layout of a General Logic Model*




| | |
|---|---|
| **Inputs** | Resources that go into a program or intervention (financial, personnel, and in-kind resources) |
| **Activities** | Events undertaken by the program or partners to produce desired outcomes |
| **Outputs** | Direct, tangible results of activities |
| **Outcomes** | Desired results of the program |
| **Short-term Outcomes** | Immediate effects of the program or intervention activities – often focused on the knowledge and attitudes of the intended audience |
| **Intermediate Outcomes** | Behavior, normative, and policy changes |
| **Long-term Outcomes** | Desired results of the program that can take years to accomplish |
| **Impacts** | Ultimate impacts of the program |
| **Assumptions** | Beliefs about the program or intervention and the resources involved |
| **Contextual Factors** | Describe the environment in which the program exists and external factors that interact with and influence the program or intervention |

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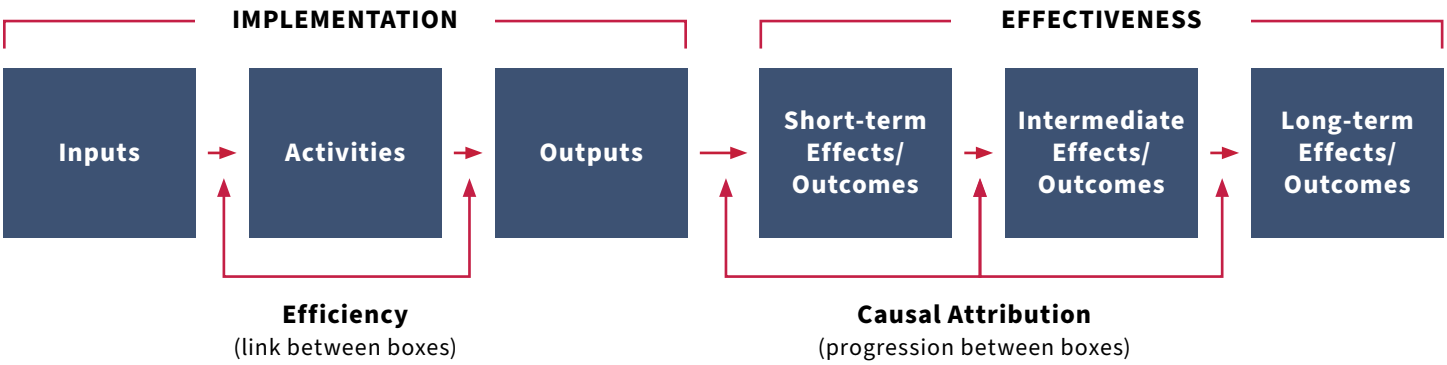
*Table 1. Logic Model Template*

| Inputs | Activities | Outputs | Short | Intermediate | Long |
|---|---|---|---|---|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

| Assumptions | Contextual Factors |
|---|---|
| | |

*Figure 2. Evaluation Domains*




## Four Evaluation Domains

| | |
|---|---|
| **Implementation (process)** | Is the program or intervention implemented as planned? |
| **Effectiveness (outcome)** | Is the intervention achieving its intended effects/outcomes? |
| **Efficiency** | How much "product" is produced for a given level of inputs/resources? |
| **Causal Attribution** | Is progress on outcomes due to your program or intervention? |

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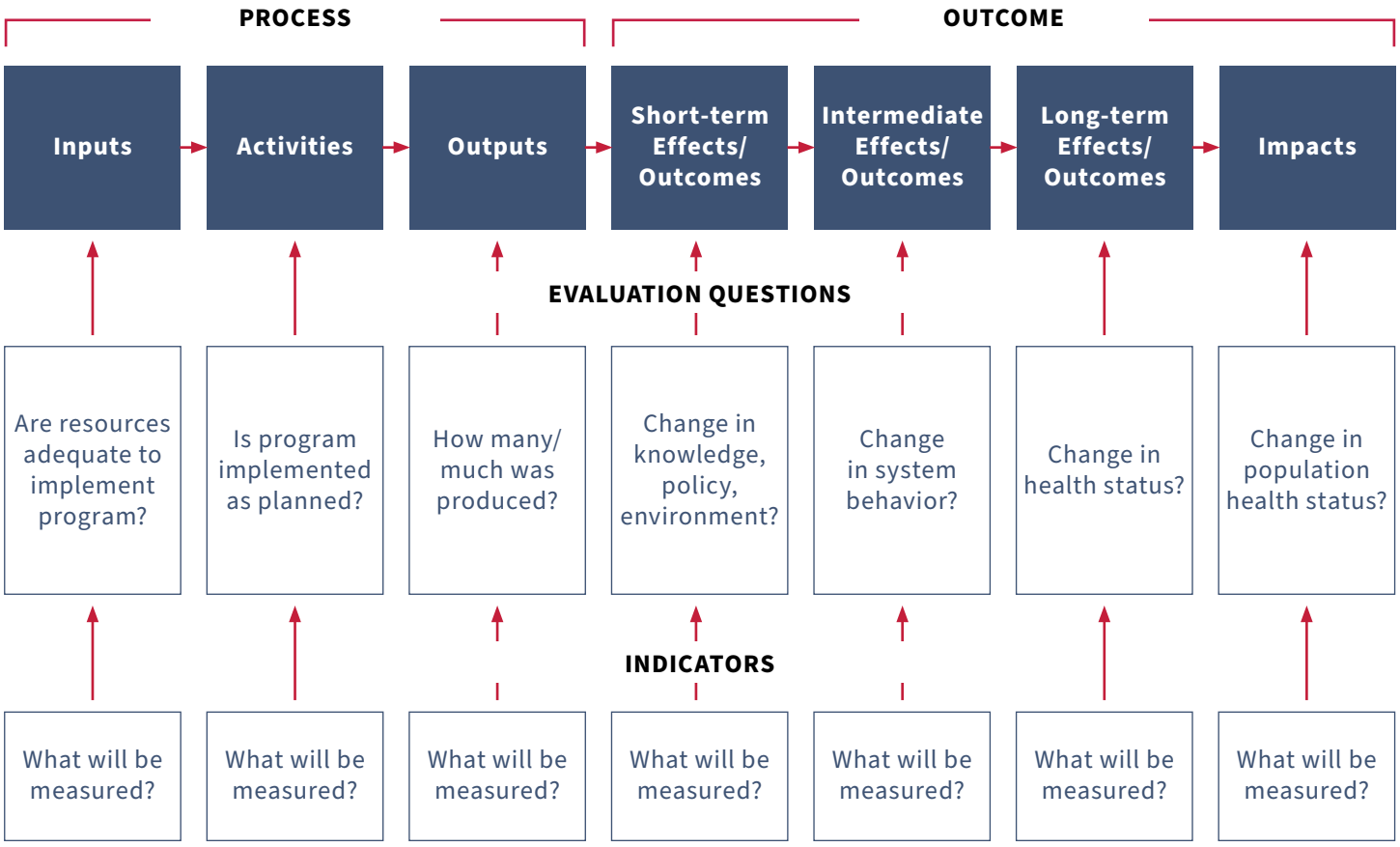
*Figure 3. Mapping Evaluation Questions and Indicators to the Logic Model*

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