



# **Logic Model Training**

May 8, 2019

**Ivonne Parra**

**Research Associate**

**Cindy Vigil**

**TA Manager**

**[OMNISupport@omni.org](mailto:OMNISupport@omni.org)**

OMNI Institute  
899 Logan Street, Suite 600  
Denver, CO. 80203

www.omni.org  
p. 303.839.9422 or 800.279.2070  
f. 303.839.9420

# Webinar Tech Tips

---

Active participation makes it more engaging for everyone!



- Question box

- Mute



- Polls





# Learning Objectives

---

- 1 Understand the value of a logic model
- 2 Develop skills to complete a logic model which meets DBHDS SOR 2019 requirements

# Quick Poll

---

*Did you attend the in-person logic model training presented by OMNI in June 2017?*

*Yes or No?*

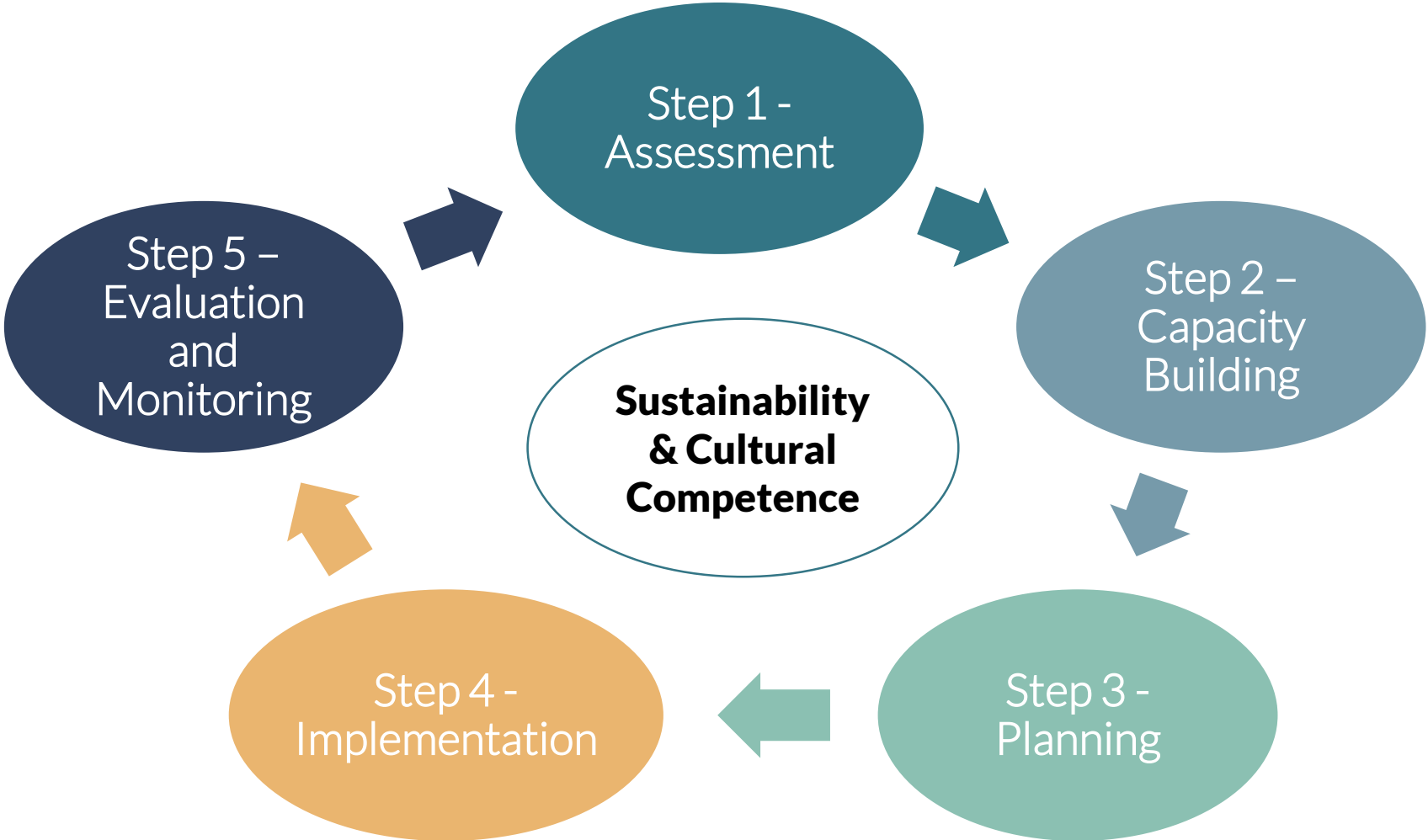




The image shows the front facade of the United States Supreme Court building. At the top is a triangular pediment containing a relief sculpture of figures. Below the pediment is a horizontal band with the inscription "EQUAL JUSTICE UNDER LAW" in capital letters. The building is supported by a row of tall, fluted Corinthian columns. A person is visible at the bottom left, and a statue is on the right. The sky is blue with some clouds.

# **SAMHSA's Strategic Prevention Frame Work (SPF)**

# Strategic Prevention Framework (SPF)





# The SPF-Based Logic Model





# SPF Logic Model



Visual tool

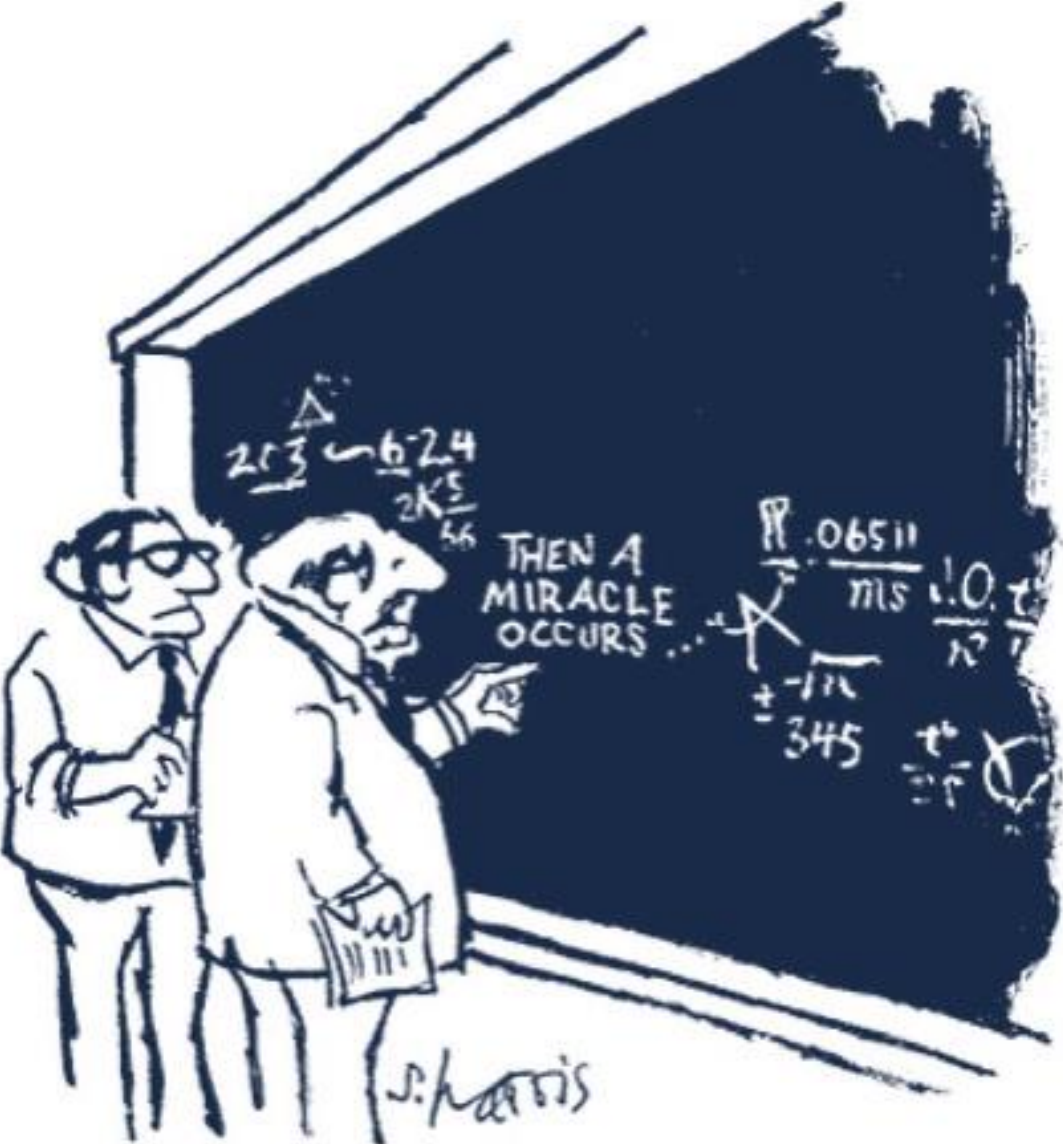


Shows relationship between need, strategies and outcomes



Depicts a theory of change

# Theory of Change



"I think you should be more explicit here in step two."

# If-Then Statements

A logic model visualizes a series of “if-then” relationships that outline the program’s **theory of change**





# SPF Logic Model

Problem Statement (SPF Steps 1-2)		Outputs (SPF Step 3-4)		Outcomes (SPF Step 5)		
PROBLEM	INTERVENING VARIABLES and CONTRIBUTING FACTORS But why? But why here?	STRATEGIES What are we doing to address contributing factors? (Step 3)	ACTIVITIES What are we doing to implement strategies? (Step 4)	SHORT-TERM What is the impact of implementing the strategies?	INTERMEDIATE What risk and protective factors are we changing?	LONG-TERM To what extent are we meeting our long-term goals?
<i>Brief description of the behaviors or issues that currently exist and need to change (documented by local data)</i>	<i>Research based factors that are strongly related to and influence the identified problem, such as:</i> <ul style="list-style-type: none"> <li>• Enforcement</li> <li>• Retail/social access</li> <li>• Norms</li> <li>• Perceptions of risk and harm.</li> </ul> <i>Community specific influences that directly affect the problem</i>	<i>Program, practice, or policy that addresses the problem, intervening variable and contributing factor</i>	<i>Concrete and specific actions for implementing the identified strategy</i>	<i>The most immediate impact of your efforts, typically includes changes in participant knowledge and skills as a result of activities</i>	<i>Points that track progress toward more long term outcomes, changes in behaviors, decision-making, and/or actions</i>	<i>More distant targets of your organization's work that include changes in norms, policies, behaviors, and consequences</i>

# Benefits of Logic Models

Logic Models can be helpful tools



**Planning Tool**



**Evaluation Planning**



**Visual explanation**



**Creates Accountability**



**Communication tool**



**Funders often require them**

# **DBHDS 2019 Logic Model**



# High Blood Pressure Example

Problem Statement (SPF Steps 1-2)		Outputs (SPF Steps 3-4)		Outcomes (SPF Step 5)		
Problem	Intervening Variables & Contributing Factors	Strategies	Activities	Short-Term	Intermediate	Long-Term
<b>High Blood Pressure</b>	Overweight as measured by BMI	Exercise	Obtain gym membership  Schedule workouts with a buddy	Increase number of workouts from 1x/week to 3x/week  Increase length of workouts from 20 mins to 30 mins	Reduce BMI by X% by end of year 2  Reduce BMI by X% by end of year 3	Reduce High Blood Pressure by X% by end of year 5

# High Overdose Rate Example

Problem Statement (SPF Steps 1-2)		Outputs (SPF Steps 3-4)		Outcomes (SPF Step 5)		
Problem	Intervening Variables & Contributing Factors	Strategies	Activities	Short-Term	Intermediate	Long-Term
<p><b>High fatal overdose rates from opioids for young adults aged 18-26.</b></p> <p>Fatal overdose rate from 2015-2017 was 31 deaths per 100,000 individuals.</p>	<p>Easy access to opioids. 68% of youth reported that it was easy to obtain or access prescription medications (YRBS, 2018).</p>	<p>Supply Reduction: Drug Take Back events</p>	<p>Host 2 drug take back events</p>	<p>Collect at least 300 pounds of medications at each event by the end of 2019 - 10% more than 2018.</p>	<p>A decrease of 10 percentage points among youth reporting it is easy to obtain or access prescription medications, as measured by the 2021 YRBS.</p>	<p>20% Reduction in fatal overdose rates due to opioids (25 out of 100,000) by 2024.</p>

# Outputs vs. Outcomes

PPS's	Outputs	Outcomes
Drug Take Back Events	<ul style="list-style-type: none"><li>• # of events per year</li><li>• # of partners organizing</li><li>• # of people who drop off</li><li>• Total pounds of drugs taken back</li></ul>	<ul style="list-style-type: none"><li>• Increased awareness of prescription opioid abuse in community</li><li>• Increase in total pounds of drugs taken back</li><li>• Decrease in social access to prescription opioids</li><li>• Decreased opioid misuse among target population</li></ul>
PDMP	<ul style="list-style-type: none"><li>• # of doctors who receive PDMP literature</li><li>• # of doctors trained</li><li>• PDMP activation rates</li></ul>	<ul style="list-style-type: none"><li>• Increased knowledge about PDMP system</li><li>• Increased skills to use PDMP</li><li>• Increased activation rates of PDMP</li><li>• Decrease in social access to prescription opioids</li><li>• Decreased opioid misuse among target population</li></ul>



# Outcomes

## OUTCOMES

Measurable results for individuals, families, and communities

SHORT-TERM  
OUTCOMES  
(Learning)

INTERMEDIATE  
OUTCOMES  
(Intervening Variables;  
Contributing Factors)

LONG-TERM  
OUTCOMES  
(Behaviors)

### Change in:

- Awareness
- Knowledge
- Attitudes
- Behaviors intent
- Skills

### Change in:

- Decision-making
- Norms
- Perceptions
- Attitudes
- Behaviors

### Change in:

- Community-wide patterns of use and consequences

# **Logic Model Example**



## **Prescription Drug Misuse in North County**

---

# SOR Logic Model



Problem Statement (SPF Steps 1-2)		Outputs (SPF Steps 3-4)		Outcomes (SPF Step 5)		
Problem	Intervening Variables & Contributing Factors	Strategies	Activities	Short-Term	Intermediate	Long-Term
<i>(As identified in local needs assessment)</i>	<i>(Risk and protective factors identified in local needs assessment)</i>	<i>(Programs, practices and strategies identified in data entry plan and work plan)</i>	<i>(Key activities identified in work plan)</i>	<i>(Identified in data entry plan outcomes categories and targeted outcomes and in work plan outcomes and benchmarks)</i>		

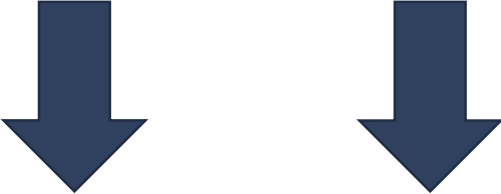
# North County Logic Model

## PROBLEM STATEMENT – SPF STEPS 1-2

Problem	Intervening Variables and Contributing Factors
High rates of prescription opioid misuse among young adults aged 18-26 (YAS, 2017).	Low perception of risk. 62% of youth reported no or slight risk associated with misuse of prescription opioids (YRBS, 2017).
	Easy access to prescription opioids. 68% of youth reported that it was easy to obtain or access prescription medications (YRBS, 2017).



# SOR Logic Model



Problem Statement (SPF Steps 1-2)		Outputs (SPF Steps 3-4)		Outcomes (SPF Step 5)		
Problem	Intervening Variables & Contributing Factors	Strategies	Activities	Short-Term	Intermediate	Long-Term
<i>(As identified in local needs assessment)</i>	<i>(Risk and protective factors identified in local needs assessment)</i>	<i>(Programs, practices and strategies identified in data entry plan and work plan)</i>	<i>(Key activities identified in work plan)</i>	<i>(Identified in data entry plan outcomes categories and targeted outcomes and in work plan outcomes and benchmarks)</i>		

# North County Logic Model

## OUTCOMES – SPF STEP 5

Intermediate Outcomes	Long-Term Outcomes
<p>Youth reporting no or slight risk associated with prescription opioid misuse will decrease by 10 percentage points, from 62% to 52%, on the YRBS in 2021.</p>	<p>Overall reported prescription drug misuse rates will decrease from 16% to 12% by 2024.</p>
<p>A decrease of 10 percentage points among youth reporting it is easy to obtain or access prescription medications, as measured by the 2021 YRBS.</p>	

# SOR Logic Model

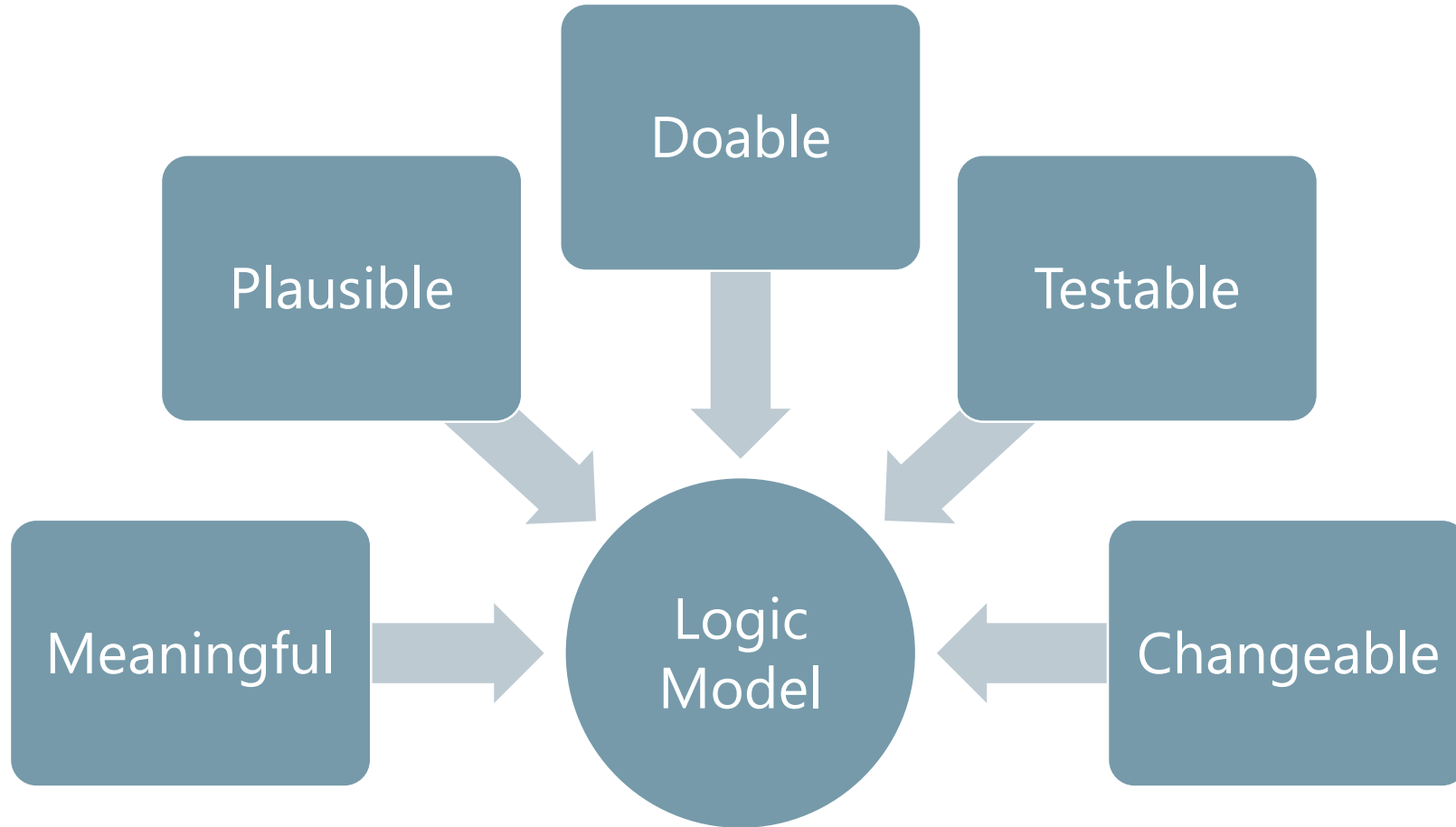


Problem Statement (SPF Steps 1-2)		Outputs (SPF Steps 3-4)		Outcomes (SPF Step 5)		
Problem	Intervening Variables & Contributing Factors	Strategies	Activities	Short-Term	Intermediate	Long-Term
<i>(As identified in local needs assessment)</i>	<i>(Risk and protective factors identified in local needs assessment)</i>	<i>(Programs, practices and strategies identified in data entry plan and work plan)</i>	<i>(Key activities identified in work plan)</i>	<i>(Identified in data entry plan outcomes categories and targeted outcomes and in work plan outcomes and benchmarks)</i>		

# North County Logic Model

OUTPUTS – SPS STEPS 3-4		OUTCOMES – SPF STEP 5
STRATEGIES	ACTIVITIES	SHORT-TERM OUTCOMES
Media Campaign: Awareness campaign focused on risks of misuse	<ul style="list-style-type: none"> <li>• Develop media campaign on risks of misuse targeting youth</li> <li>• Launch media campaign on multiple platforms</li> </ul>	Campaign will reach 90% of targeted population in 2019, as measured by reports from the marketing firm
Supply Reduction: Drug Take Back events	<ul style="list-style-type: none"> <li>• Host 2 Drug Take Back events</li> </ul>	Collect at least 300 lbs. of medication at each event – 10% more than 2018

# Effective Logic Models





# Next Steps

- ✓ Share today's information with coworkers and community partners
- ✓ OMNI TA's will be sending SOR logic model drafts based on your 2018-19 OPT-R logic models this week
- ✓ By **Wednesday, May 15th**: Have a TA call scheduled to continue work on the logic model and to review the draft
- ✓ By **Friday, June 14th**: SOR Logic Model will be finalized
- ✓ Contact [OMNISupport@omni.org](mailto:OMNISupport@omni.org) with any questions



**Thank you for your participation today!**

**Any questions or comments?**

[OMNISupport@omni.org](mailto:OMNISupport@omni.org)