

# 1 Success!

# BABIES SAFE FROM HIV IN CUBA

Cause Map

## First country in the world to eliminate the transfer of HIV from mother to child

<b>What</b>	Success!	Transmission of HIV from mother to child eliminated
<b>When</b>	Date	June 30, 2015
	Time	N/A
	Different, unusual, unique	Effective treatment of HIV in pregnant women reduces the risk of passing the disease to a child
<b>Where</b>	Geographic area	Cuba
	Unit, area, equipment	Pregnant women
	Task being performed	Implementation of five-year program

"Eliminating the transmission of a virus is one of the greatest public health achievements possible. This is a major step in our long fight against HIV and sexually transmitted infections, and an important step towards having an AIDS-free generation."

- Dr. Margaret Chen, Director-General, World Health Organization (WHO)

"This is a celebration for Cuba and a celebration for children and families everywhere."

- Michel Sidibé, Executive Director, United Nations Program on HIV/AIDS

### Impact to the Goals

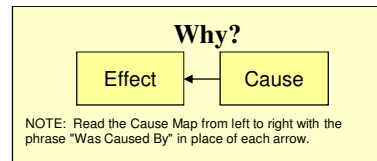
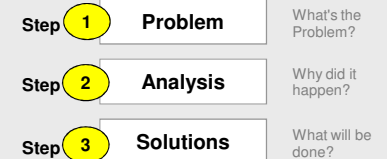
<b>Child Safety</b>	Very rare (2 in 2013) for babies to get HIV from mother
<b>Maternal Safety</b>	Effective treatment of HIV
<b>Patient Services</b>	Decreased need for services for children
<b>Schedule/ Operations</b>	
<b>Labor/ Time</b>	

Frequency: 240,000 mother-to-child HIV transmissions worldwide in 2013 (out of 1.4M women with HIV who become pregnant every year)

Cause Mapping is a Root Cause Analysis method that captures basic cause-and-effect relationships supported with evidence.

### CAUSE MAPPING

Problem Solving • Incident Investigation • Root Cause Analysis

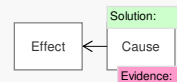
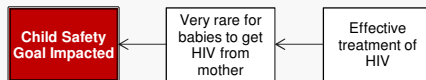


# 2 Analysis

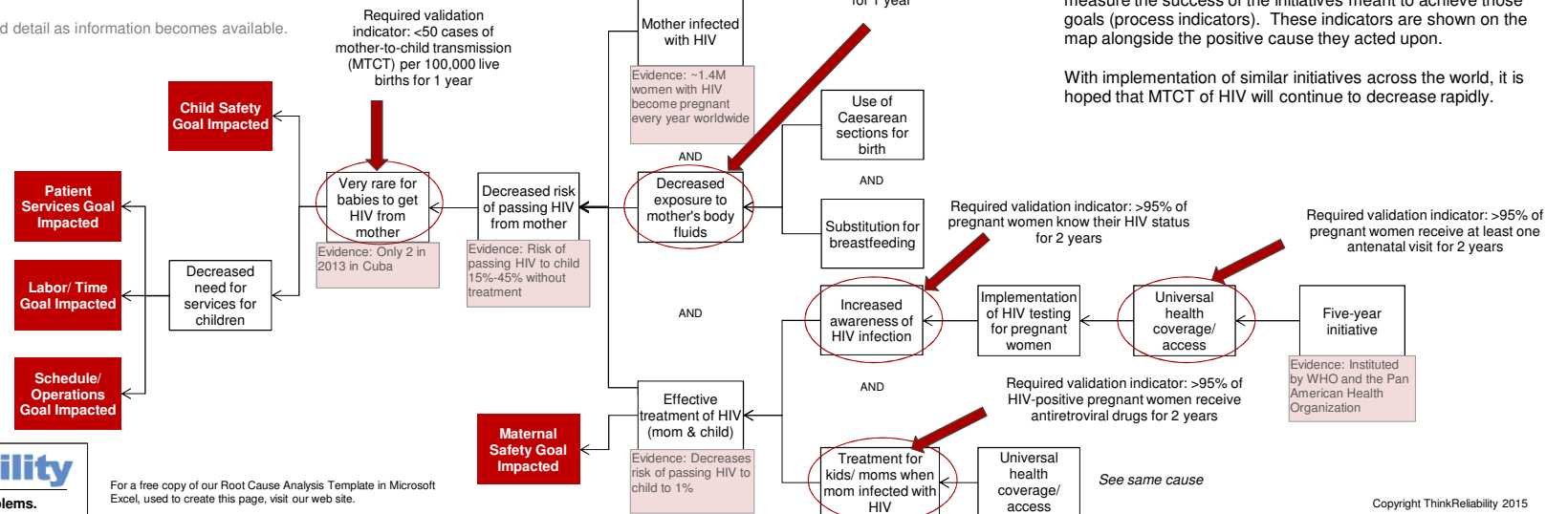
**Basic Level Cause Map** - Start with simple Why questions.

**Basic Cause-and-Effect**

There is a 15-45% risk of transmission of HIV from an HIV-infected, untreated pregnant mother to her child. However, if mother and infant are treated with antiretrovirals, the risk drops to 1%.



**More Detailed Cause Map** - Add detail as information becomes available.



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For a free copy of our Root Cause Analysis Template in Microsoft Excel, used to create this page, visit our web site.

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