

Introduction to Identifying Intervening Variables (aka: Root Causes)

OHIO ADULT ALLIES INITIATIVE
January 2020

1

About this learning event...



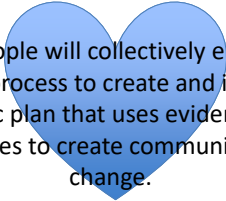
Dr. Jessica Collura
Ohio Adult Allies Training and Technical Assistance Team
Ohio University's Voinovich School of Leadership and Public Affairs

Learning Objectives:

1. Identify potential intervening variables/root causes for ATOD use and mental health
2. List appropriate sources of evidence for determining intervening variables/root causes
3. Illustrate the decision-making process for determining if sufficient data exists to identify intervening variables/root causes

2

Overarching Goal of YLP in Ohio



Young people will collectively engage in a planning process to create and implement a strategic plan that uses evidence-based strategies to create community-level change.

3

Suggested Citation:
Collura, J. (2020, January). *Introduction to Identifying Intervening Variables/Root Causes*. Athens, OH: Voinovich School of Leadership and Public Affairs at Ohio University.

Defining Youth-Led Programs

Community-based process in which young people:

- 1) determine a problem of practice
- 2) identify the root causes of the problem
- 3) select and implement evidence-based strategies to address those root causes

4

Defining Youth-Led Programs

Community-based process in which young people:

- 1) determine a problem of practice
- 2) identify the root causes of the problem**
- 3) select and implement evidence-based strategies to address those root causes

5

Problem of Practice

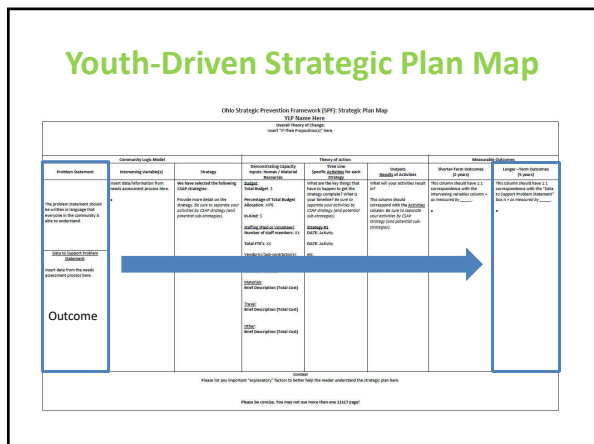
Problem of Practice Data:

- Quantitative
- Consumption, Behavior, or Life Experience Measure
- Measured Locally Over Time

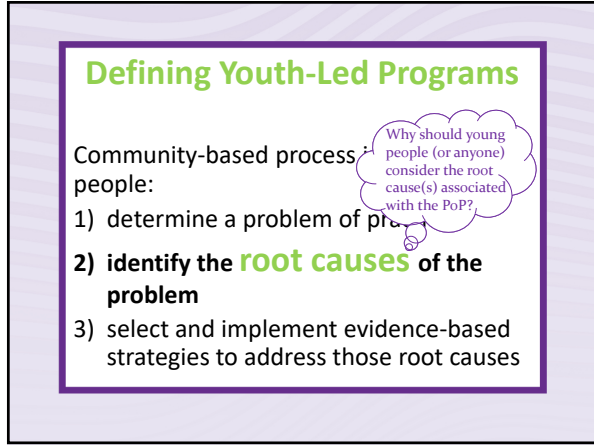
Problem of Practice Includes:

- Priority Substance, Behavior, or Life Experience
- Priority Population

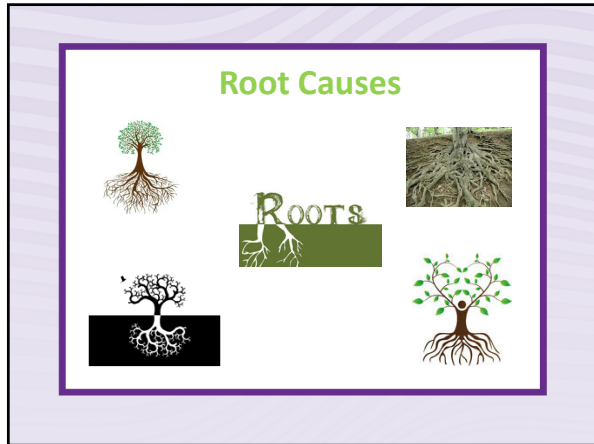
6



7



8



9

Suggested Citation:
Collura, J. (2020, January). *Introduction to Identifying Intervening Variables/Root Causes*. Athens, OH: Voinovich School of Leadership and Public Affairs at Ohio University.

10

**Root Cause Indicators- ATOD Use
(Hawkins, Catalano, & Miller, 1992)**

- Perception of parental disapproval or attitude
- Perception of peer disapproval or attitude
- Perceived risk/harm of use
- Family communication around drug use
- Access & availability
- Community laws and norms favorable toward drug use
- Product pricing and promotion
- Early initiation of use

11

**Root Cause Indicators
Mental Health Promotion
(NRC & IOM Report, 2009)**

- Connectedness to others (p. 67)
- Inclusive approaches that increase acceptance (p. 208) and reduce stigma (p. 69)
- Opportunities to contribute to the community (p. 67-68)
- Supportive environments or “nurturance” (p. 208), especially during times of stressful transitions (p. 209)
- Modifiable lifestyle factors – specifically sleep and nutrition (p. 211)

12

Suggested Citation:
Collura, J. (2020, January). *Introduction to Identifying Intervening Variables/Root Causes*. Athens, OH: Voinovich School of Leadership and Public Affairs at Ohio University.

Root Cause

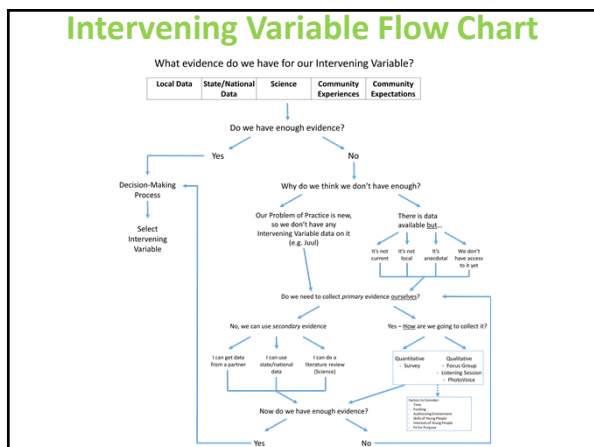
Root Cause Data:

-
-
-
-

Root Cause Includes:

-
-
-
-

13



14

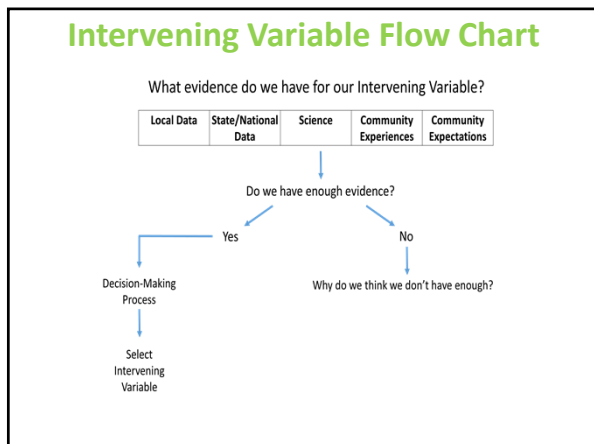
Intervening Variable Flow Chart

What evidence do we have for our Intervening Variable?

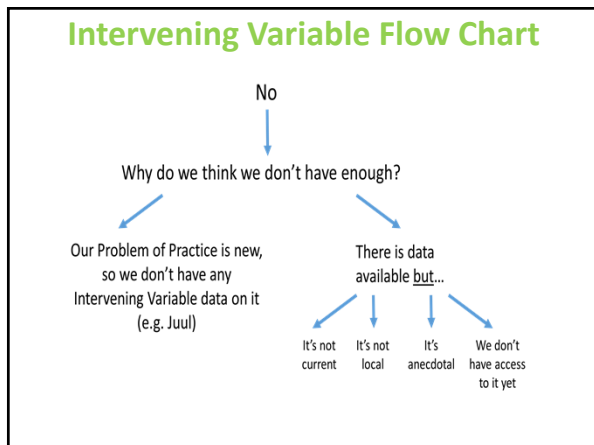
Local Data	State/National Data	Science	Community Experiences	Community Expectations
------------	---------------------	---------	-----------------------	------------------------

15

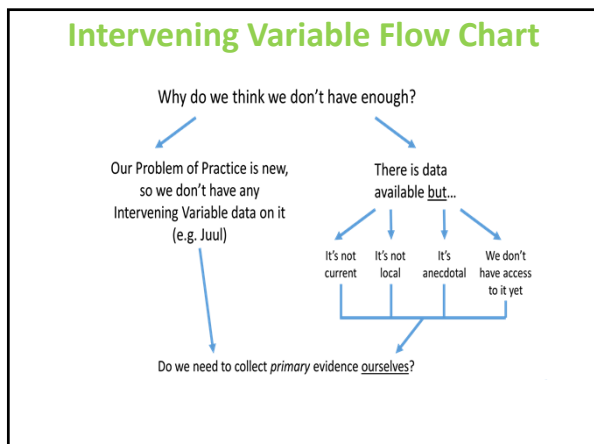
Suggested Citation:
 Collura, J. (2020, January). *Introduction to Identifying Intervening Variables/Root Causes*. Athens, OH: Voinovich School of Leadership and Public Affairs at Ohio University.



16

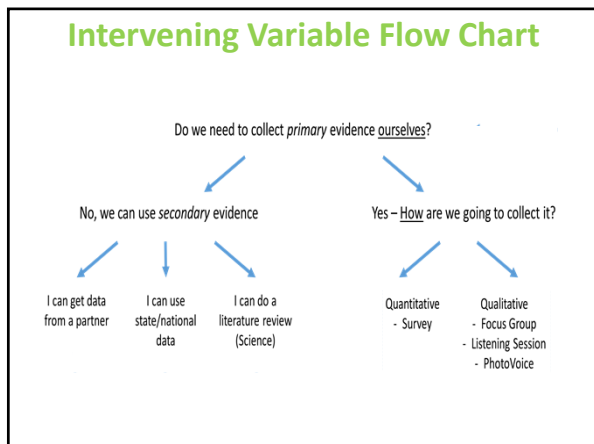


17

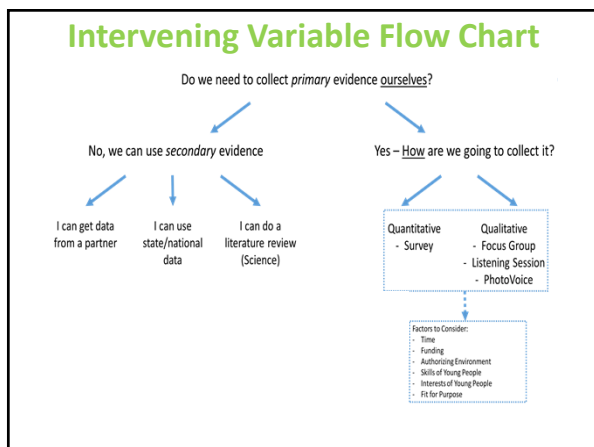


18

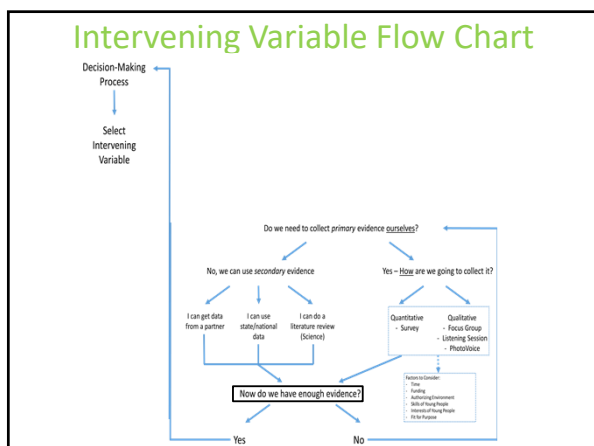
Suggested Citation:
 Collura, J. (2020, January). *Introduction to Identifying Intervening Variables/Root Causes*. Athens, OH: Voinovich School of Leadership and Public Affairs at Ohio University.



19

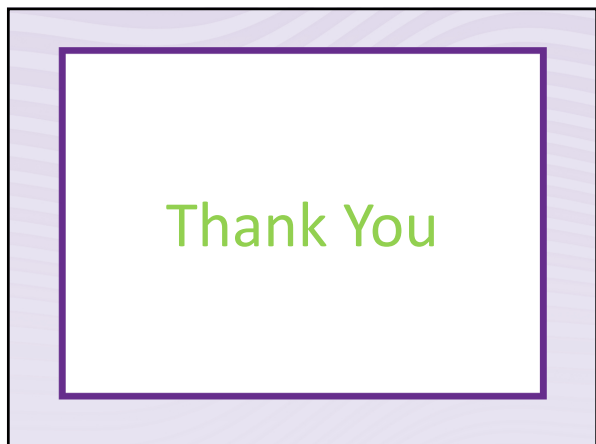


20



21

Suggested Citation:
 Collura, J. (2020, January). *Introduction to Identifying Intervening Variables/Root Causes*. Athens, OH: Voinovich School of Leadership and Public Affairs at Ohio University.



25

Suggested Citation:

Collura, J. (2020, January). *Introduction to Identifying Intervening Variables/Root Causes*. Athens, OH: Voinovich School of Leadership and Public Affairs at Ohio University.