POLICY ANALYSIS AS A DNP PROJECT

By

Janet Jones DNP, APRN, CNS
LEARNING OBJECTIVES

Upon completion of this presentation the participant will be able to:

- Discuss the Data-Driven Policy-making Model including the 4 stages: definition, data collection, analysis, and action
- Analyze the connection between evidence based practice and healthcare policy analysis
- Evaluate utilization of the Data-driven Policy-making Model in the development of an advocacy plan to influence policy development and implementation
The Data-driven Policy-making Model

- Articulating a common definition of the safety net
- Clarifying current concerns and priorities
- Understanding what questions need to be answered

- Assembling a matrix of available data sources
- Determining available measures
- Identifying need for new or additional data
- Developing an inventory of current and past initiatives

- Analyzing data
- Clarifying the limitations of current knowledge
- Disseminating findings

- Evaluating the impact of past and current initiatives
- Estimating short- and long-term effects of current options
- Recommending policy options

Developing Data-Driven Capabilities to Support Policymaking (Weinick, R.M. & Shin, P.W., 2003, p2)
STAGE 1 - DEFINITIONS & PRIORITIES

Common definitions
Clarify concerns & priorities - Gap Analysis, SWOT
Develop questions to be addressed

Table 1 Gap Analysis

<table>
<thead>
<tr>
<th>Current Experience</th>
<th>Intervention</th>
<th>Outcome</th>
<th>Gap Analysis Identified</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Louisiana State Board of Pharmacy has developed a PMP available to authorized prescribers of controlled substances.</td>
<td>Conducted an extensive policy analysis of the PMP from a state and regional perspective.</td>
<td>Gained quantitative and qualitative information that may be employed when developing future public policy relative to utilization of the PMP by authorized HCPs.</td>
<td>Although evidence based practice research has indicated information available on the PMP database may have helped HCPs identify individuals at risk for accidental opioid overdose, the PMP has not been widely utilized.</td>
</tr>
</tbody>
</table>

Note: PMP – Prescription Monitoring Program; HCPs – health care providers
York, 2017
STAGE 2 - DATA COLLECTION

- **Develop a data matrix**

- **Quantitative**
  - Demographics - the population impacted
  - General context of the policies, rules & regulations
  - Data sources

- **Qualitative**
  - Retrospective review of policy documents
  - Legislative minutes, rules, regulations, statutes, public meeting comments
  - Regulating agencies & professional societies or organizations
  - Identify the stakeholders' voices
STAGE 3 - ASSESSMENT

**Quantitative**
- Contingency Tables
- Prevalence
- Risk Ratios

**Qualitative**
- Timelines
- Dialogue - quotes
- Terminology
- Themes
- Stakeholders

---

Table 12 Overdose Deaths by Gender, Age Group, Race/Ethnicity and Opioid Type

<table>
<thead>
<tr>
<th>Gender</th>
<th>LOUISIANA</th>
<th>ALABAMA</th>
<th>ARKANSAS</th>
<th>MISSISSIPPI</th>
<th>TEXAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>185 (71%)</td>
<td>160 (59%)</td>
<td>97 (56%)</td>
<td>67 (58%)</td>
<td>720 (63%)</td>
</tr>
<tr>
<td>Female</td>
<td>75 (29%)</td>
<td>110 (41%)</td>
<td>48 (42%)</td>
<td>431 (37%)</td>
<td></td>
</tr>
<tr>
<td>Totals</td>
<td>260 (100%)</td>
<td>270 (100%)</td>
<td>145 (100%)</td>
<td>115 (100%)</td>
<td>1,151 (100%)</td>
</tr>
</tbody>
</table>

York, 2017

---

Bayhi, 2015
STAGE 4 - ACTION

- Develop an advocacy plan
- Address to agency of interest & stakeholders
- White Paper
  - Background
  - Methods
  - Results
  - Recommendations
- No more than 3-5 pages

Bayhi, 2015
CONCLUSIONS

- Model refines the problem/question
- Quantitative and qualitative data collected and analyzed
- Target population’s voice is used
- Stakeholders perspectives addressed
- Policy’s intent, implementation, and outcomes evaluated
- Emergence of advocacy plan for action
- Action can include policy maintenance, reformulation, alternative policy, or termination
REFERENCES


