DVP Science- and Data-to-Action (SD2A) Framework Development

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Agenda

- Purpose of DVP’s SD2A framework
- Review framework development approach
- Findings from Gap/Opportunity Analysis
- Current SD2A examples
- Q&A
Enhance cohesion between DVP’s research, surveillance, and programmatic pursuits

Ensure the **relevance, quality, and timeliness** of DVP’s scientific products to inform programmatic strategies

Expand how DVP’s **program and policy efforts** are informing research and surveillance strategies
# Science- and Data-to-Action Framework Approach

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*Note: The timeline highlights the progress of the project, with the current stage indicated in May.*
**Gap and Opportunity Analysis Summary**

**Literature Review**
- Reviewed publications to understand current SD2A theories and practices

**Document Review**
- Reviewed internal documents (e.g., NOFOs, Resources for Action) to better understand DVP SD2A efforts

**Staff Interviews**
- Conducted 14 interviews with DVP staff to collect perspectives on current and future SD2A efforts

**Key Takeaways**
- Facilitate **early collaboration** between program and science SMEs during concept development
- Foster a shared value of data and science in **service** to program, policy, and practice can serve as a SD2A catalyst
- Leverage **organizational culture** to encourage shared project accountability between science and program
- **Engage DVP grantees frequently** to inform and standardize data collection processes
Staff Engagement and Framework Development

Share Draft Summary Report
- Compile gap and opportunity assessment findings
- Share summary report for review and feedback

Incorporate Leadership Feedback
- Incorporate and address feedback
- Share refined summary report with retreat participants as pre-read

Conduct Essentials/PACE: D2A NOFO Sessions
- Facilitate debrief sessions with staff who developed recent D2A NOFO
- Identify best practices and lessons learned

Facilitate Retreat with Key POCs
- Validate current-state map
- Discuss SD2A collaboration
- Co-create vision and future-state
- Align on important definitions

Create and Refine Roadmap
- Use retreat inputs to develop future-state roadmap
- Refine roadmap with POCs, including timelines and accountability measures

Develop and Refine Sustainability Plan
- Create implementation tools
- Establish processes to update roadmap
DVP SD2A: Cross-division Feedback Loop

Conduct research and surveillance activities to inform and improve action/practice

Use program/policy evaluation findings to inform research and data collection efforts

Data and science in service to violence prevention practice

Translate research and surveillance to improve program planning, technical assistance, and program impact

Implement evidence-informed programs and policies and assess impact

Program evaluation

Research and surveillance

Science translation

Program and policy
DVP SD2A Draft Foundational Framework

Vision
- Data and science in service to violence prevention
- Staff engagement and accountability
  - Practical application of science
  - Recipient protection
  - Collaborative culture
  - Shared accountability

SD2A Values
- High-quality Training and TA
  - Products aligned to recipient needs
  - Collaborative NOFO development
  - Program-informed research priorities
  - Timely dissemination of Resources for Action
- Cross-division collaboration and respect
  - Shared product ownership
  - Timely and accessible data
  - Early cross-branch invitations during concept development

Facilitators
- Agency-wide initiatives (i.e., DMI, Moving Forward)
- Recipient organizational capacity
- Shared vision and values
- Interpersonal connection

Outcomes
- Create definitions
- Align with Data Modernization Initiative
- Spotlight examples
- Pursue high-value opportunities

Approaches
- Structure collaboration
- Shape culture
- Engage communities

Research and surveillance
- Science translation
- Program evaluation
- Program and policy
Achieving DVP’s SD2A Future State: Approaches

- **Create definitions and protocols:** Define “actionable data” and protocols to share data

- **Align with CDC’s Data Modernization Initiative (DMI):** Leverage existing and future Agency DMI infrastructure and training to share high-value, actionable data

- **Spotlight examples:** Highlight, encourage, and share strong SD2A examples through division-wide communication channels (e.g., *DVP Download*)

- **Pursue high-value opportunities:** Identify current SD2A gaps and high-impact opportunities and identify collaboration value proposition and approach
Achieving DVP’s SD2A Future-State: Approaches

Structure collaboration: Clarify the scope of intra-divisional collaboration and use project management tools to promote accountability

Shape culture: Use change management approaches to revise organizational incentives and prioritize Division success over individual success

Engage communities: Conduct community-based participatory research to advance community agency and gain actionable insights for programs, as possible; commit to program improvement based on community findings

Prioritize implementation science: Utilize existing resources to update internal processes, improve program TTA quality and implementation fidelity
Achieving DVP’s SD2A Future State: Outcomes

**Recipient Impact**
- Improved technical assistance and translation efforts
- Scientific tools, research, and surveillance aligned with recipient needs

**DVP Culture**
- Greater cross-division understanding, respect, and relationships
- Division-wide abundance mindset to “grow the pie” rather than negotiate a bigger slice

**Data Capabilities**
- More timely data collection, analysis, information sharing, and decision-making
- Improved data accessibility

**Proactive Collaboration**
- Early cross-branch invitations to the table during concept development
- Defined collaboration during program and research NOFO development
New Data to Action Funding Opportunity

**Essentials for Childhood**
- Focused on
  - Child abuse and neglect
  - State action plan enhancement
  - Implementation of economic supports and social norms change
  - Process and outcome evaluation

**PACE D2A**
- Focused on
  - Adverse childhood experiences (ACEs)
  - ACEs prevention strategy implementation
  - ACEs surveillance infrastructure enhancement and data collection
  - Data to action foundational activities

**Essentials for Childhood: Preventing Adverse Childhood Experiences through Data to Action**
- Enhance state-level surveillance to collect both ACEs and PCE data
- Implement data-driven, evidence-based ACE primary prevention strategies and approaches
- Conduct data to action activities

**Optional Activities with Enhanced Funding**
- Syndromic surveillance data collection
- Local level implementation
- Data linkage on social determinants of health
CDC's Resources for Action: Violence and Suicide Prevention

Preventing Child Abuse and Neglect: A Technical Package for Policy, Norm, and Programmatic Activities

STOP SV: A Technical Package to Prevent Sexual Violence

A Comprehensive Technical Package for the Prevention of Youth Violence and Associated Risk Behaviors

Preventing Intimate Partner Violence Across the Lifespan: A Technical Package of Programs, Policies, and Practices

Preventing Adverse Childhood Experiences (ACEs): Leveraging the Best Available Evidence

Suicide Prevention

RESOURCE FOR ACTION
Community Violence Prevention Resource for Action

- Centering communities
- Emphasizing drivers of inequities
- Correcting harmful narratives
- Updating existing examples
- Adding 18 new examples
Q&A

• What suggestions do you have for informing or supporting this work?
• What strategies have you used to ensure that program experience is informing research?
• Are there examples of SD2A activities that you have found particularly helpful?