

# 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

# DVP SD2A Framework Purpose



Enhance **cohesion** between DVP's research, surveillance, and programmatic pursuits

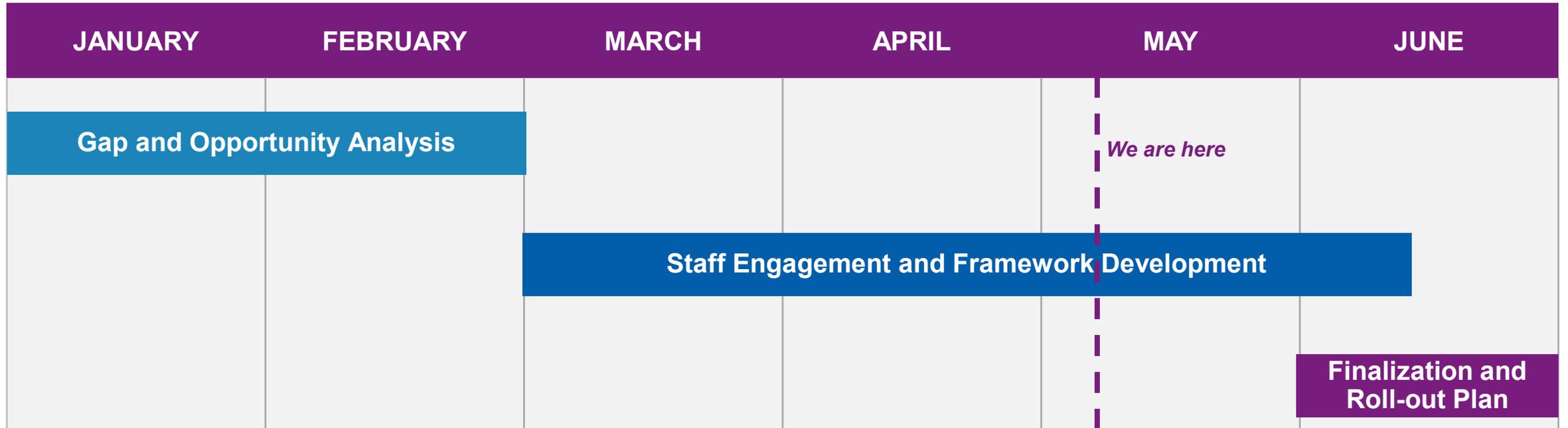


Ensure the **relevance, quality, and timeliness** of DVP's scientific products to inform programmatic strategies



Expand how DVP's **program and policy efforts** are informing research and surveillance strategies

# Science- and Data-to-Action Framework Approach



# 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

## Conduct *Essentials/PACE*: D2A NOFO Sessions

- Facilitate debrief sessions with staff who developed recent D2A NOFO
- Identify best practices and lessons learned

## Create and Refine Roadmap

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

## Incorporate Leadership Feedback

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

## Facilitate Retreat with Key POCs

- Validate current-state map
- Discuss SD2A collaboration
- Co-create vision and future-state
- Align on important definitions

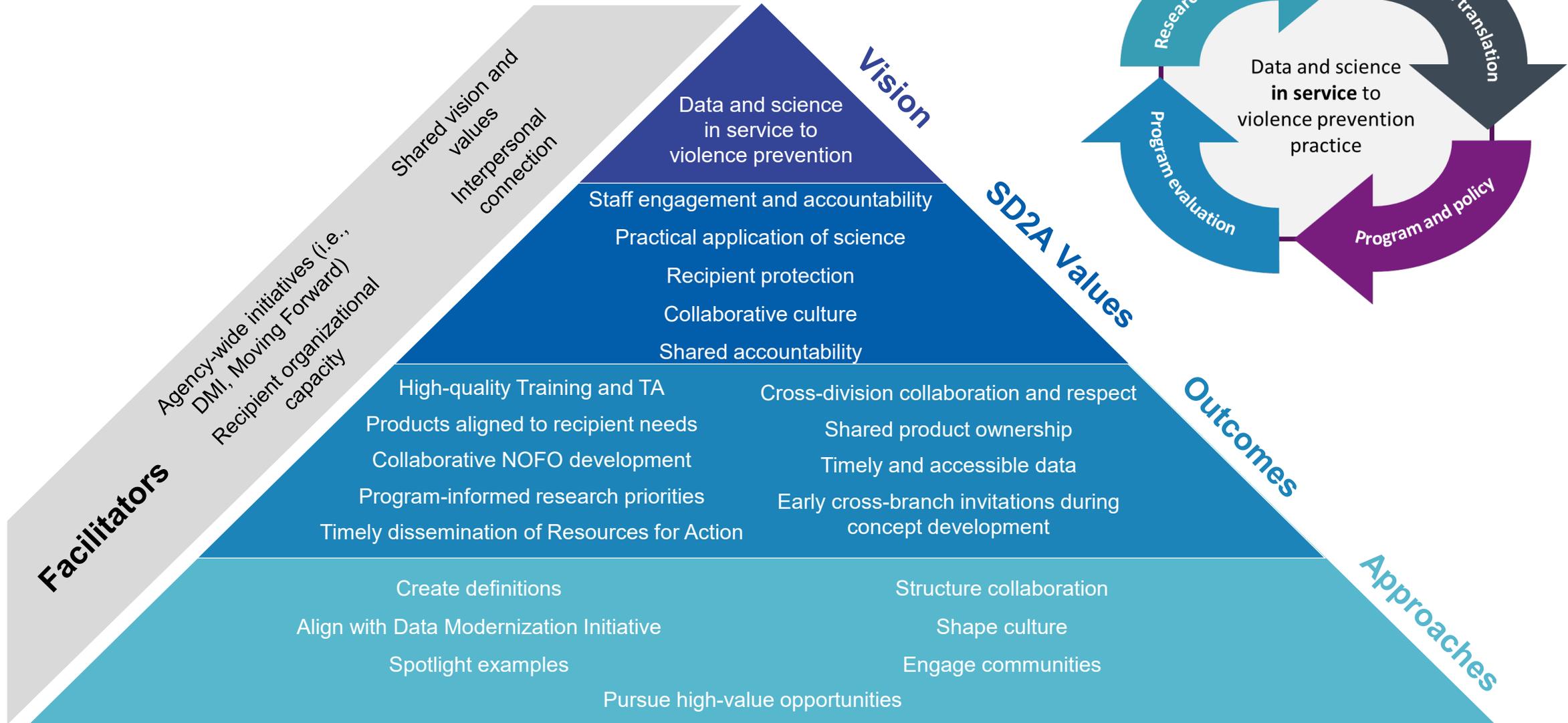
## Develop and Refine Sustainability Plan

- Create implementation tools
- Establish processes to update roadmap

# DVP SD2A: Cross-division Feedback Loop



# DVP SD2A Draft Foundational Framework



# 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



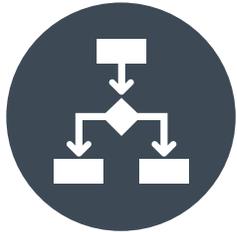
**Engage communities:** Conduct community-based participatory research to advance community agency and gain actionable insights for programs, as possible; commit to program improvement based on community findings



**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

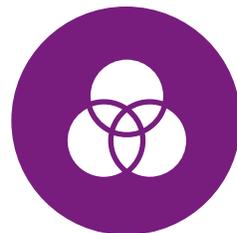


Division-wide abundance mindset to "grow the pie" rather than negotiate a bigger slice

## Data Capabilities



More timely data collection, analysis, information sharing, and decision-making

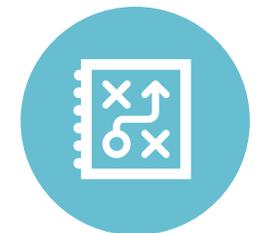


Improved data accessibility

## 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

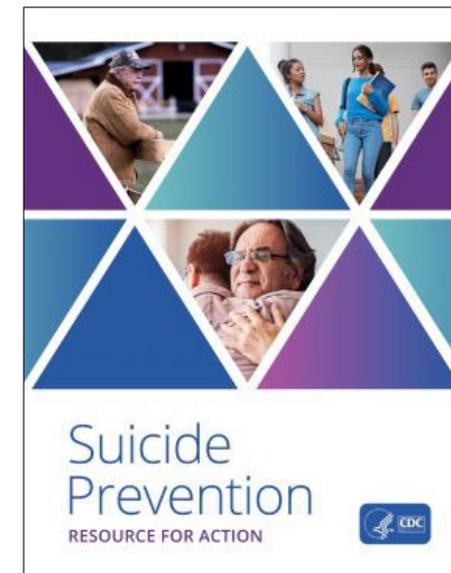
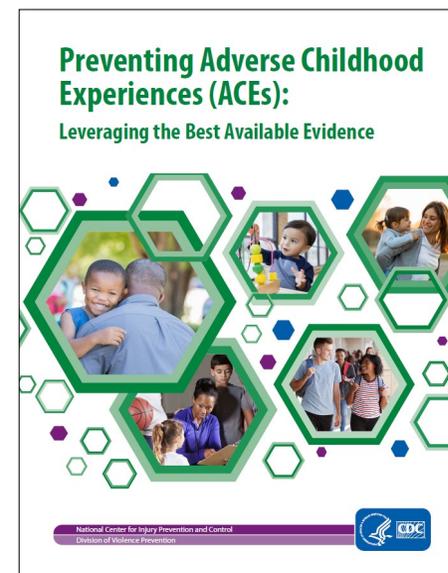
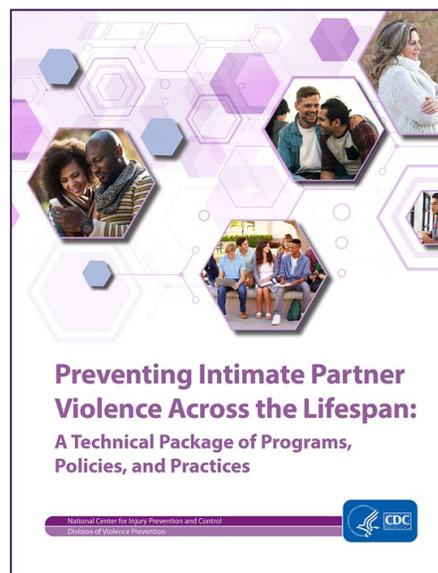
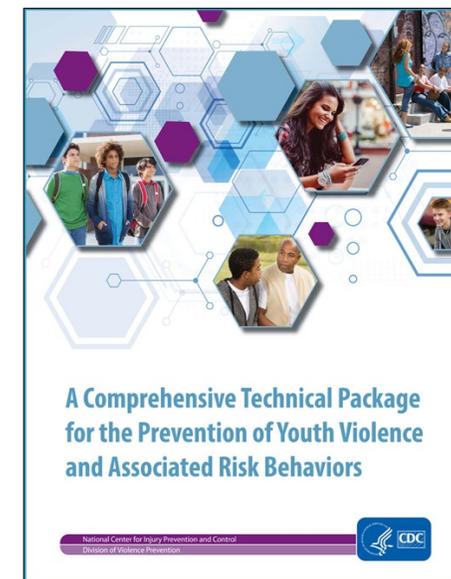
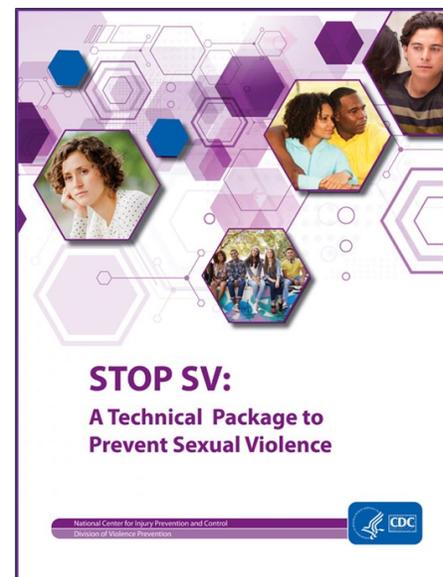
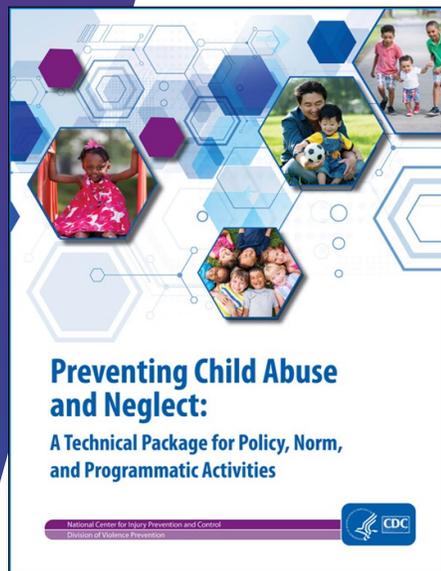
## Essentials for Childhood: Preventing Adverse Childhood Experiences through Data to Action

- + 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





# 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?

The findings and conclusions in this presentation are those of the presenters and do not necessarily represent the official position of the Centers for Disease Control and Prevention.