

AVERT Mini-Conference

Date: August 15, 2024

Time: 9am – 12pm

Register Here:

<https://ticketstripe.com/events/7677105687321183>



Guest Speaker:

Dr. Ashley Brooks-Russell, PhD, MPH

Dr. Brooks-Russell is an associate professor at the Colorado School of Public Health and is the director of the Injury & Violence Prevention Center. Her PhD is from the University of North Carolina Chapel Hill, after which she completed a postdoc at NIH.

Her interests include adolescent health with a focus on preventing injury outcomes such as violence and suicide prevention. Dr. Brooks-Russell currently directs Healthy Kids Colorado Survey (HKCS) and Smart Source Survey. Her current research investigates cannabis impaired driving.



Agenda

Welcome	Celia Nabor , Assistant Director, Division of Prevention Services, ADHS	9:00 - 9:10am
AVERT Background and Context	Dr. Martín Celaya , Bureau Chief and AVERT PI	9:10 - 9:20am
Introduction to Arizona's AVERT Program	Dr. Ginger Dixon , Prevention Epidemiology and Evaluation Team Lead	9:20 - 9:45am
Guest Speaker: Dr. Ashley Brooks-Russell , PhD, MPH, Director, National Center on Injury and Violence Prevention, Colorado School of Public Health		9:45 - 10:30am
Break		10:30 - 10:45am
AVERT Data Presentation	Tessa Saturday , Injury & Violence Epidemiologist	10:45 - 11:15am
Feedback Discussion to Guide AVERT Data	Dr. Ginger Dixon and Tessa Saturday	11:15 - 11:45am
Closing Remarks		11:45 - 12:00pm



Welcome

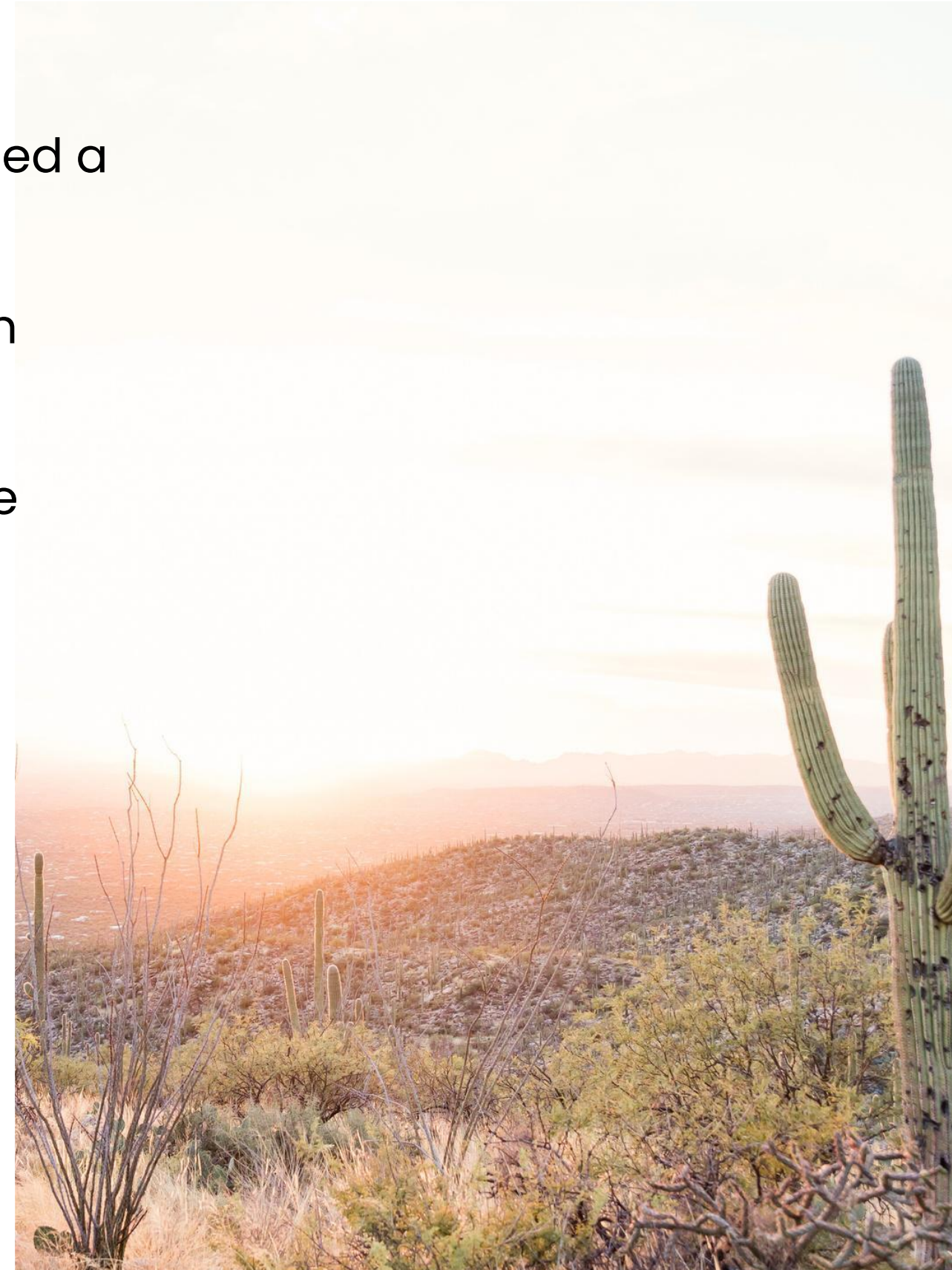
Celia Nabor, MPA

Assistant Director

Division of Public Health Prevention Services

Firearm Violence: A National Crisis

- In June 2024, U.S. Surgeon General Dr. Vivek Murthy issued a landmark advisory on firearm violence.
- Declared firearm violence in America as a public health crisis.
- Outlined the urgent threat firearm violence poses to the health and well-being of our country.



Firearm Violence in Arizona

- Firearm deaths and injuries are a serious public health problem in our state.
- Our commitment to addressing this issue is stronger than ever.

AVERT

- The team mobilized over a year ago to submit a successful application for the Advancing Violence Epidemiology in Real-time Grant (AVERT).
- Arizona Department of Health Services was awarded 1 of 12 grants nationwide.
- This initiative marks a pivotal step forward in monitoring, understanding, and addressing violence across our state.

A Public Health Approach to Preventing Gun Violence

- Firearm violence prevention relies on strong data collection and analysis.
- Data informs and evaluates firearm violence prevention strategies.

Background and Context

Dr. Martín F. Celaya, DrPH, MPH

Bureau Chief

Bureau of Assessment and Evaluation

Background and Context

- Notice of Funding Opportunity from CDC National Center for Injury Prevention and Control (CDC-RFA-CE23-0007)
- Previous FASTER program from CDC
 - **Firearm Injury Surveillance Through Emergency Rooms**
- Need for increased surveillance and prevention policies
 - Gun Violence in Arizona: Data to inform Prevention Policies (Jackman & Williams, 2023)

Why ADHS Applied:

- Firearm deaths and injuries are a significant public health problem in Arizona.
- There are approximately 1,300 firearm-related deaths in Arizona, with 65% due to suicide and 32% due to homicide each year.
 - These deaths account for over 25,000 years of potential life lost before age 65 and an estimated cost of \$13.1 billion by the CDC.
- Arizona has the 18th highest rate of fatal firearm-related injuries in the U.S.
- Nonfatal firearm-related injuries are more common, with certain areas and population groups disproportionately affected.
- Nonfatal firearm injuries have significant long-term consequences and costs.
- Current data on ED visits for nonfatal firearm injuries at the state and local level are limited and underutilized.

Background and Context

Goals:

- Increased comprehensiveness and timeliness
- Improved ED surveillance
- All firearm injuries (regardless of intent)
- New real-time surveillance on other conditions
 - Violence-related injuries
 - Mental health

Strategies:

1. Increase the timeliness of aggregate reporting of ED visits for firearm (regardless of intent), other violence-related injuries, and mental health conditions
2. Disseminate surveillance findings in a timely way to the public and key partners working to prevent or respond to violence

Background and Context

- 5 – year program
 - Wrapping up Year 2
- 12 participating sites
- Collaboration between
 - Bureau of Assessment and Evaluation
 - Bureau of Chronic Disease and Health Promotion
 - Office of Injury and Violence Prevention
 - Business Intelligence Office
 - Syndromic Surveillance Team



Introduction to AVERT

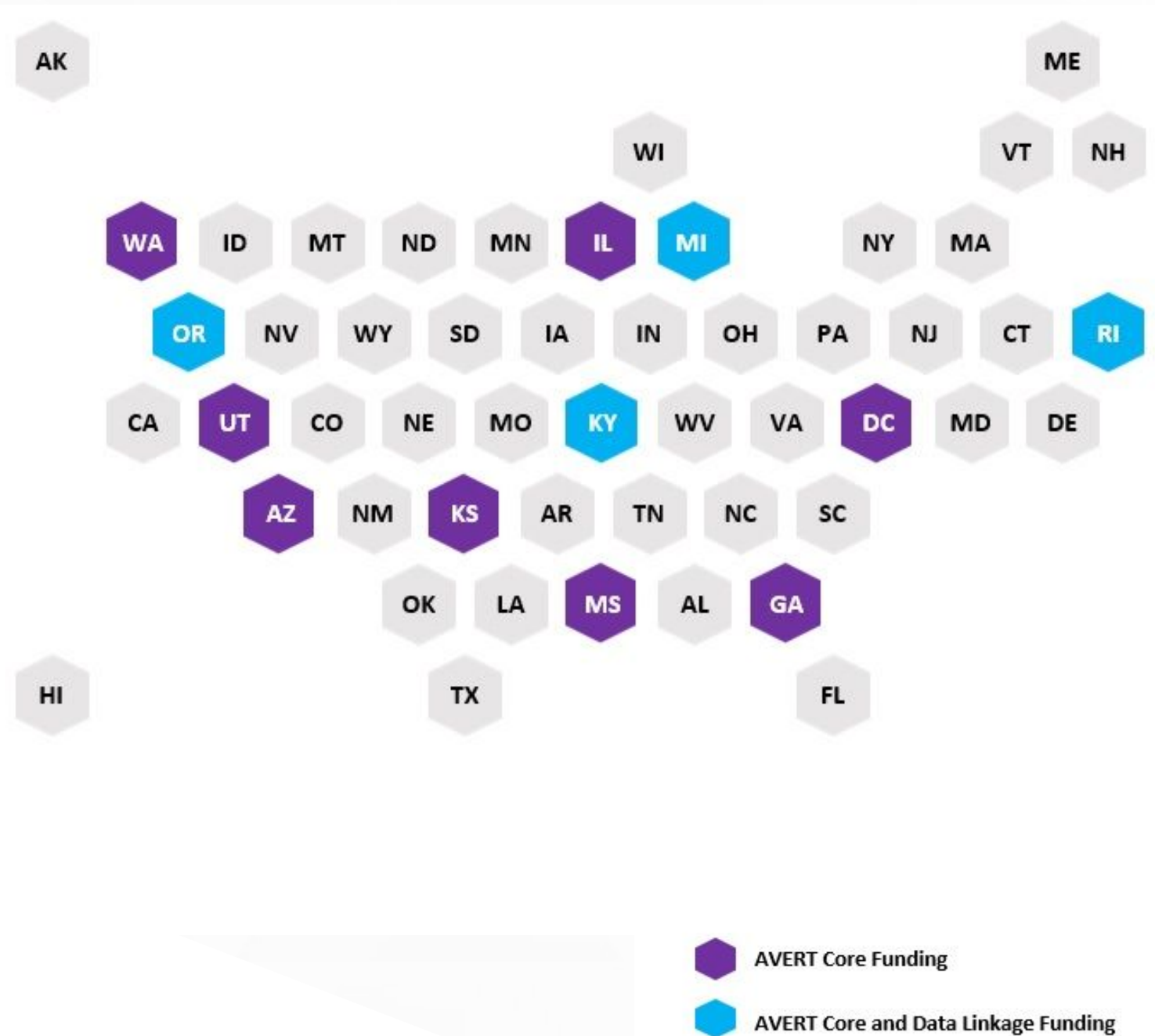
Dr. Ginger Dixon, DrPH, MS

Epidemiology Program Manager,

Prevention Epidemiology and Evaluation Team,

Bureau of Assessment and Evaluation

Advantages of AVERT



Key advantages to AVERT compared to initiating a new ED data collection are:

- Can be rapidly implemented and scaled to all states with minimum burden on state health departments
- Leverages instead of duplicating existing CDC work
- Ensures that state and local health departments are involved in the collection, ownership and use of ED data

Data Collection

Data Collection:

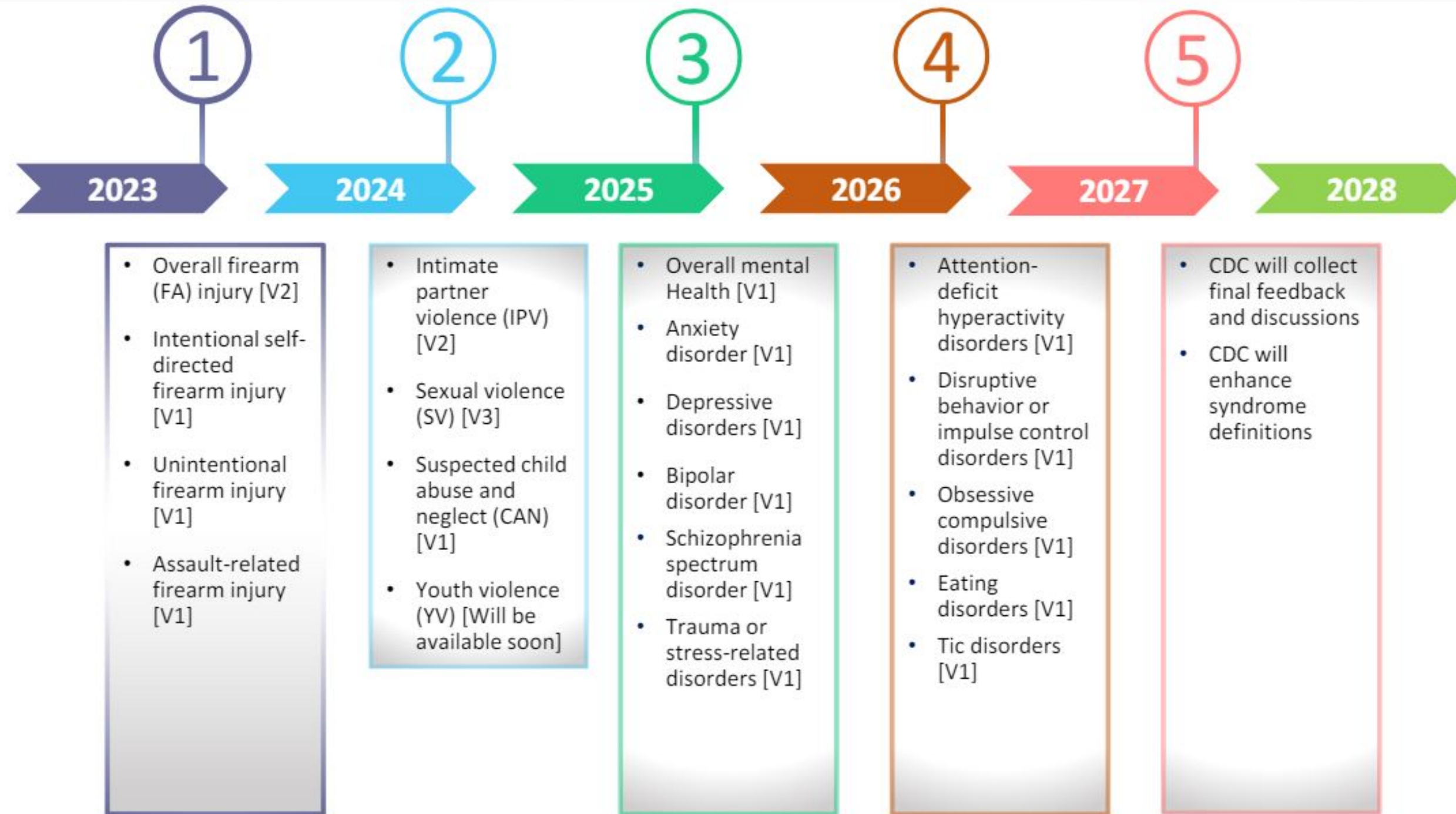
- Hospital Discharge Data (HDD)
 - Finalized and released twice annually
- Syndromic Surveillance (ESSENCE)
 - Real-time
 - Syndrome definitions

Syndrome Validation:

- Ensure events identified are reasonably accurate for AZ



Syndrome Validation Schedule



Data Analysis

- Identify trends
- Highlight risk groups
- Explore “hot-spots”
- Depth variety
 - Snapshots
 - In-depth exploration of findings

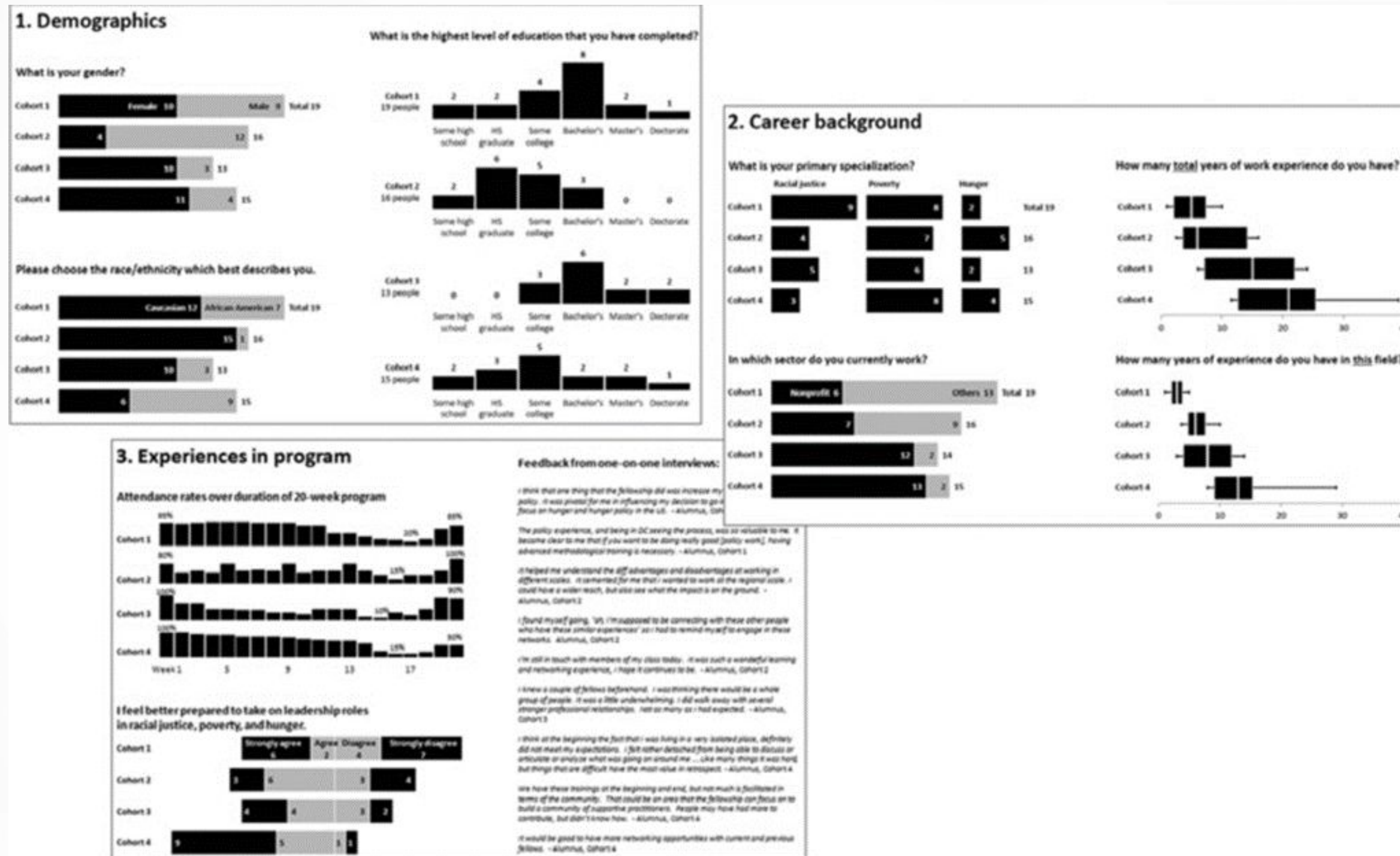


Data Dissemination

- Stakeholder guided
 - AZ/community-specific questions
 - Community/organizational needs
 - Actionable
- Feedback session
 - Understand stakeholder priorities
 - Community perspectives

- Conferences
- Dashboards
 - ESSENCE/BioSense
 - Public
- E-communications
 - Blog posts
 - Monthly trend emails
- Data placemats

Syndrome Validation Schedule





THANK YOU

Ginger Dixon | ginger.dixon@azdhs.gov
Epidemiology Program Manager
Bureau of Assessment & Evaluation



ARIZONA DEPARTMENT
OF HEALTH SERVICES

Break

10:30am-10:45am

