



Data-Informed ONEBox Naloxone Distribution Strategy and HIV/STI Testing Alignment



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Background: Opioid Overdoses

According to the VA Opioid Cost Data Tool, in 2023, nearly **137K Virginians used opioids in unhealthy ways**, with **2,082 losing their lives**.

Through the VDH's efforts to provide greater access to **naloxone** and **REVIVE! training**, we have seen a **decline in opioid overdose deaths** in our state.

However, **numbers still remain high**, and the communities most at risk continue to face disparities in **access** and **support**.

Data Collection/Implementation

- Used drug overdose data dashboards to analyze impacts of opioid overdoses in BRHD counties
- Identified trends in demographics, emergency department visits, and deaths
- Developed a priority scoring matrix for potential sites with scoring criteria like overdose incidence, maintenance feasibility, partnership strength, and more
- Conducted interviews with EMS/Fire departments across the district, potential sites, and VDH staff
- Determined where overdose concerns are greatest, which locations are accessible, and more

Site ID	Site Name	Locality (BRHD)	Overdose Burden	Pop. Served	Geo Equity	Public Access	Hours Access	Partner Strength	Host Readiness	Call Info	Staff Avail.	Safety/Sec.	Maint. Feas.	Install Feas.	Total Weighted Score	Priority Tier
S-01	Charlottesville Downtown Transit Center	Cville/Albemarle	5	5	3	5	5	4	4	2	4	4	5	5	180	High Priority
S-02	UVA Dorms/Student Health/Libraries	Cville/Albemarle	2	3	2	2	4	5	5	3	5	5	5	5	150	Medium Priority
S-03	The Haven	Cville/Albemarle	5	5	4	5	5	5	5	3	4	4	4	4	189	High Priority
S-04	Jefferson Madison Regional Library	Cville/Albemarle	2	4	5	4	4	4	4	3	4	4	5	5	163	Medium Priority
S-05	Gordon Avenue Library	Cville/Albemarle	2	4	4	4	4	4	4	3	4	4	5	5	159	Medium Priority
S-06	Northside Library	Cville/Albemarle	2	4	4	4	4	4	4	3	4	4	5	5	159	Medium Priority
S-07	Salvation Army Soup Kitchen/Corps	Cville/Albemarle	4	5	4	5	4	5	5	3	3	4	4	4	177	High Priority

Project Objectives

- Develop a practical, data-informed distribution strategy for placing ONEBox units across the BRHD
- Determine overlap between locations and HIV/STI testing opportunities
- Help BRHD decide where to start, who to approach, and what operational responsibilities are required
- Identify immediate implementation vs. partner negotiation

Next Steps

ONEBox units are similar to AEDs, but not well-known.

- Partnering with EMS/Fire outreach efforts to educate the public on ONEBox units and naloxone access
- Social media campaigns, flyer distribution, and tabling

Outreach efforts can educate community members to recognize and respond to overdoses.

Designs were made for social media and community outreach, as well as site-specific maintenance and readiness checklists.

Recently, the BRHD provided Charlottesville City with two ONEBoxes for the Rivanna Trail homeless encampment.

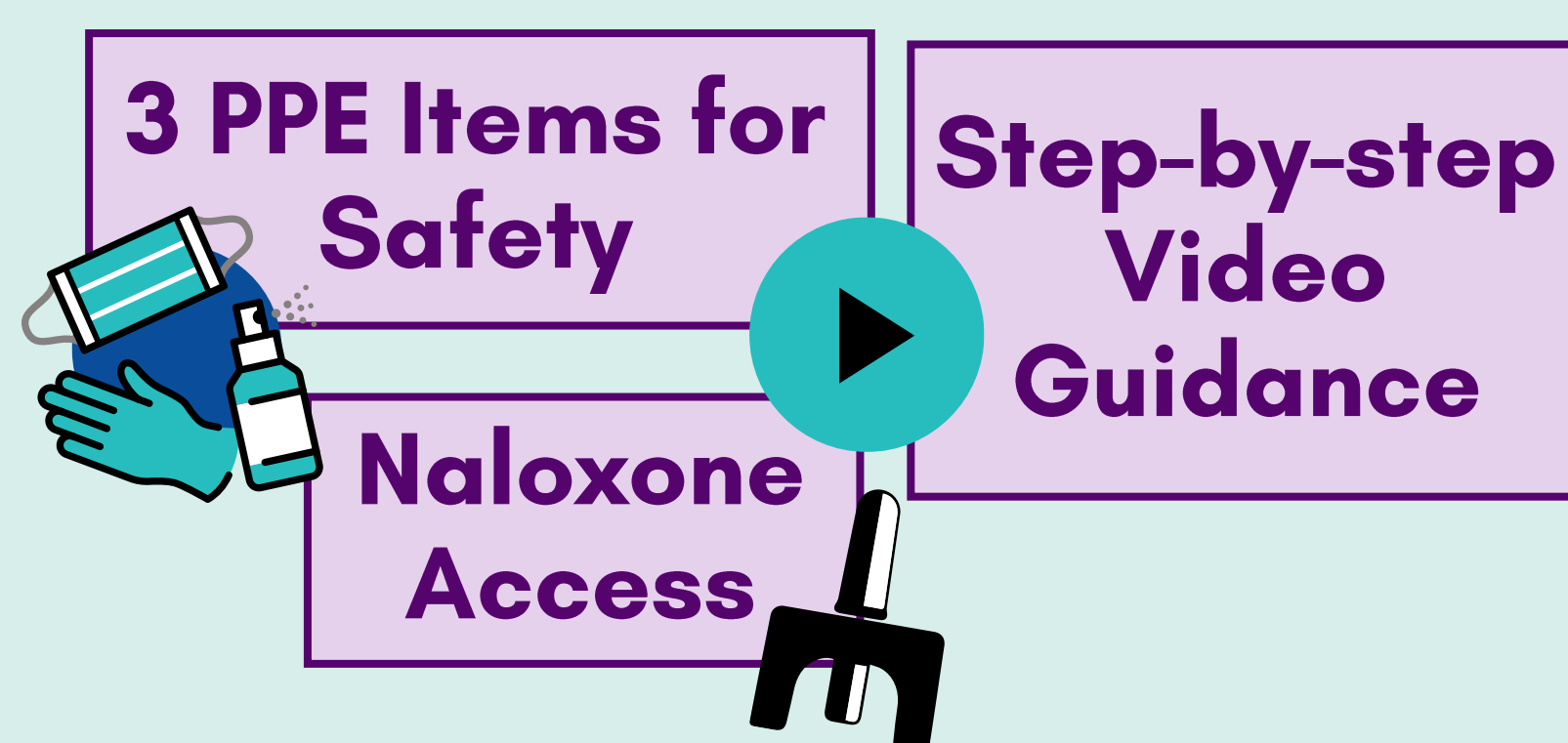
Based on findings, Tier 1 recommendations included:

Gas stations, rest stops, fast food chains, grocery stores, apartments, libraries, and homeless shelters.

The BRHD will use a 30/60/90-day implementation plan for distribution and documentation.



What are ONEBox units?



ONEBoxes contain naloxone, PPE, and immediate emergency response videos for overdose events.

ONEbox®



Challenges

- Limited data available regarding where overdoses are taking place, as well as the specific type of overdose
- Installation feasibility for ONEBox units at sites that might prefer outdoor placement
- Some sites with prior overdose events remain reluctant to partner due to internal policies and perceived risks

Acknowledgements

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To the neighbors and family who motivate me: your resilience and showing up for one another have been my earliest and most enduring lessons in what public health really means.