

Plan & Intervention Strategies

The intervention was designed to evaluate the preliminary usage of two Public Health vending machines for overdose and infectious disease prevention. We operate vending machines in two locations: A Place to Nourish your Health (APNH) in New Haven, CT, and the Apt Foundation (APT) in West Haven, CT. These vending machines are the only ones currently in place throughout Connecticut and offer a significant opportunity to reach more clients and expand services outside of traditional clinic hours (M-F 9:00am-4:00pm) and location.



Intervention Population

CHCV health service clients



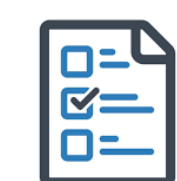
QI Project Team

Manager: Coordinate with local partners about implementation and logistics of vending machines

Data Analyst: Review and enter vending data into centralized data hub

Public Health Specialist: Stock vending machines and respond to partner questions

Student Volunteers : Create and organize kits for stocking



Implementation Activities

1. Coordinate with local partners to place vending machines
 - Machines have been in place since February 17th, 2024 (APNH) and August 26th, 2024 (APT Foundation)
2. Provide supplies, maintenance, and support for partner sites
3. Enroll clients interested into the program
4. Engage student volunteers to create supply kits for distribution
5. Conduct brief analyses over the summer with student intern



Public Health Vending Machines

- Left: Indoors at APT Foundation
 - Available 5:00am-1:00pm; Monday through Saturday
- Right: Outdoors at APNH
 - Available 24/7

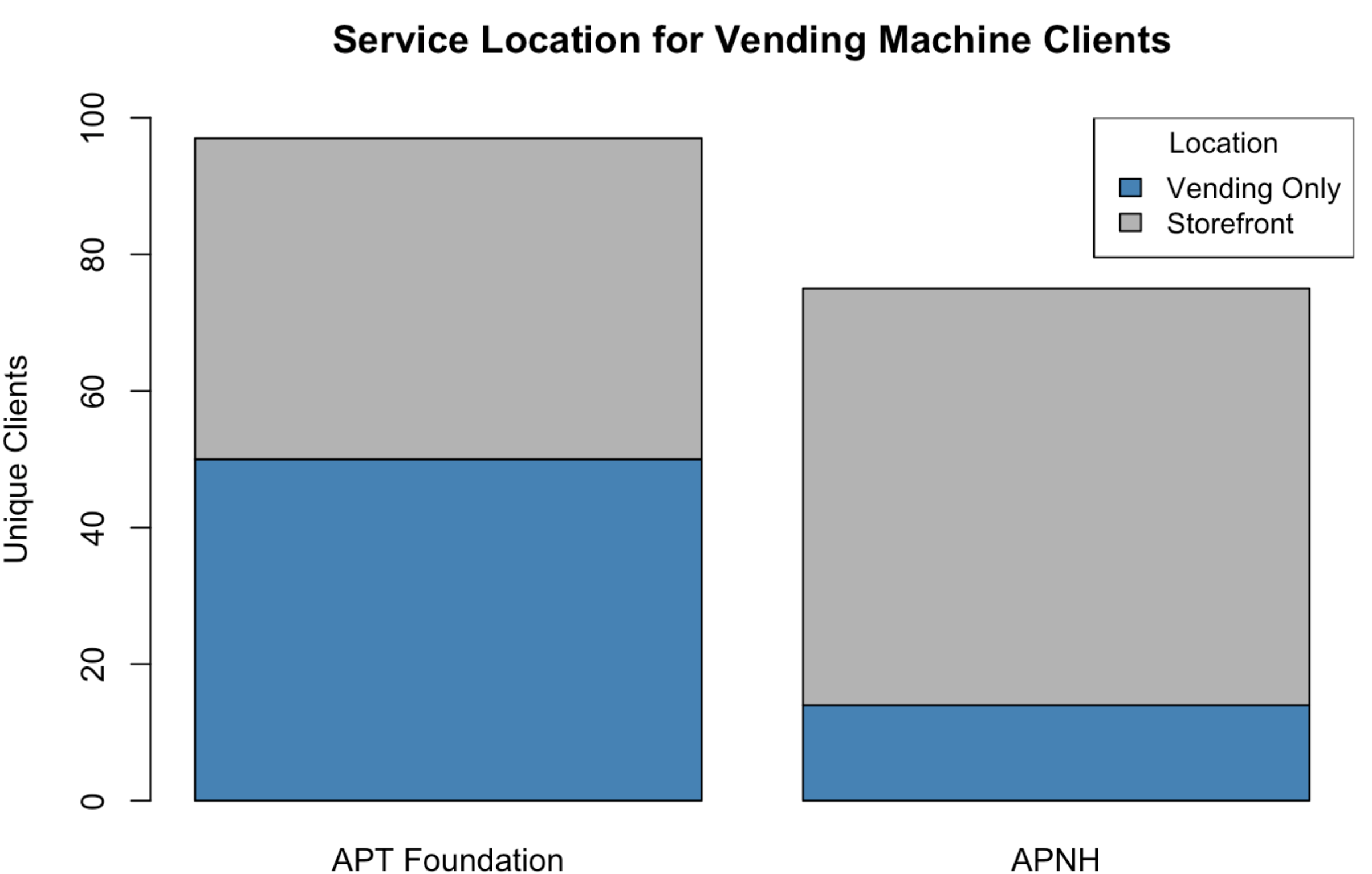
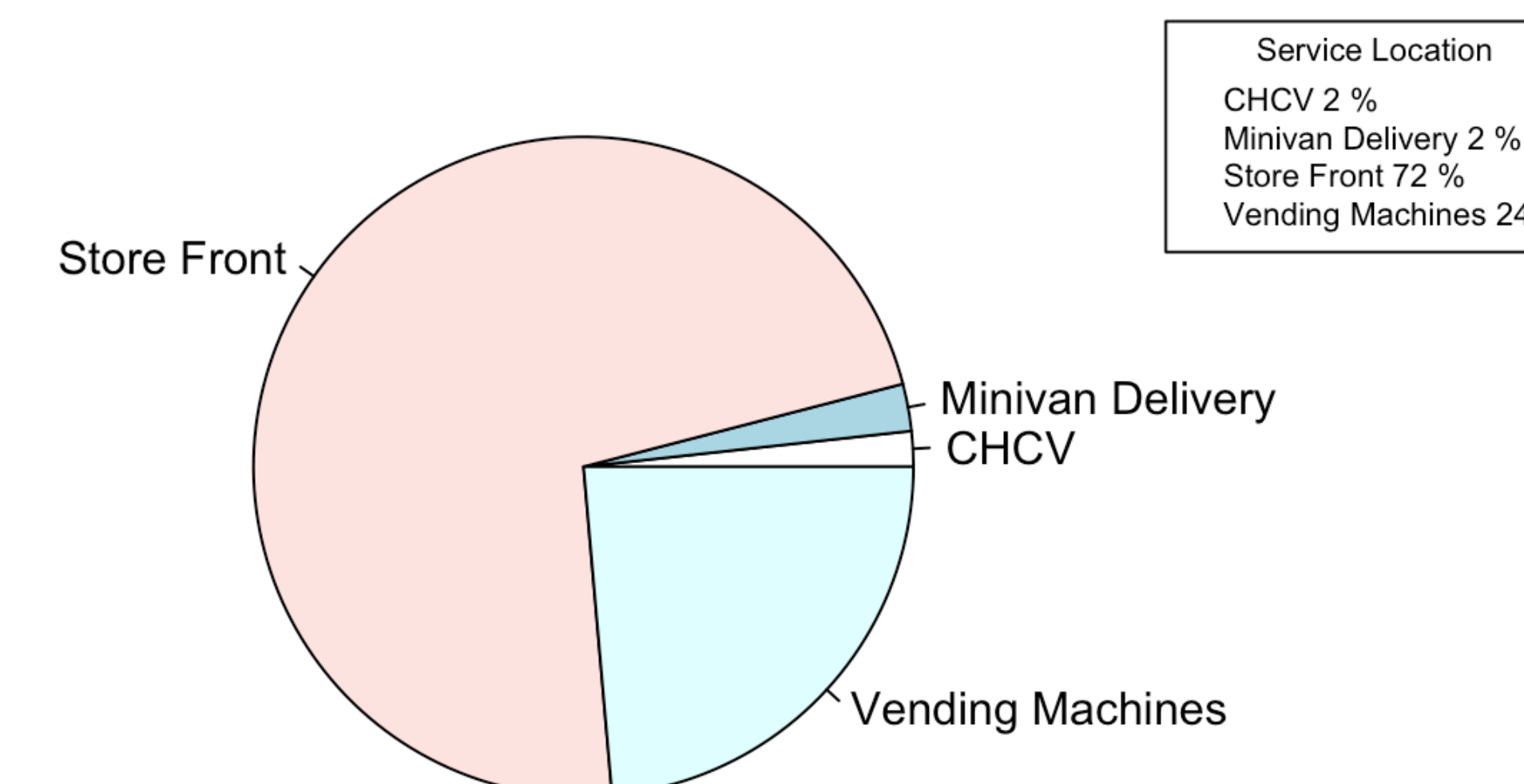


Fast Facts

- At APNH, 32.6% of transactions took place over the weekend
 - 81.6% of total transactions outside of CHCV business hours
- At APT, 16.4% of transactions occurred on Saturday
 - 44.8% of total transactions outside CHCV business hours

Figure 1: Total CHCV client transactions, broken down by location of service

CHCV Transaction Locations



Lessons Learned & Impact

We reach more people we otherwise would not

Affirms the need for more vending machines

Clients are willing to engage with the program

Services outside of traditional clinic location and business hours are utilized

Learned which supplies require more frequent replacement

Further research is needed to better understand usage patterns



General Findings

Table 1: Summary of distributed items per site since initial placement

Item	APNH, n (%)	APT, n (%)	Total, n (%)
Small (0.5mL) Syringe Kit	1,335 (41.9%)	1,279 (34.4%)	2,614 (37.8%)
Big (1.0mL) Syringe Kit	779 (24.4%)	1,186 (31.9%)	1,965 (28.4%)
Hygiene Kits	379 (11.9%)	397 (10.7%)	776 (11.2%)
Narcan	116 (3.6%)	205 (5.5%)	321 (4.6%)
Safe Sex Kits	89 (2.8%)	124 (3.3%)	213 (3.1%)
Sharps Containers	176 (5.5%)	123 (3.3%)	299 (4.3%)
Wound Care Kits	294 (9.2%)	407 (10.9%)	701 (10.1%)
Total n (%)	3,188 (100%)	3,721 (100%)	6,909 (100%)

Figure 2: Unique client service location and engagement per vending machine location

- 75 unique individuals used the APNH machine
 - 14/75 (18.7%) have only used vending machine
- 97 unique individuals used the APT Foundation machine
 - 50/97 (51.6%) have only used vending machine

******All data were collected through June 17, 2025 ******

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