Facts About Virginia’s FAACT

Framework for Addiction Analysis and Community Transformation

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Virginia Department of Criminal Justice Services
About FAACT

• A local-focused data sharing and analytics platform to address the opioid and addiction crisis

• Originally created through a partnership between the Winchester community, the Commonwealth, and Qlarion

• Initial funding provided by a Department of Justice Technology Innovation for Public Safety (TIPS) grant

• Brings together relevant data across discipline to provide insight and access not possible before

• Currently expanding into the Roanoke Valley region with additional regions and data sets planned
Benefits Realized in Winchester

• Becoming more proactive through the timely use of data
  • Discovered emerging drug threats early

• Understanding “Age of First Use” to drive youth engagement through an evidence-based curriculum and provide tools to identify and address substance use early on
  • Designed and implemented the “Give Me a Reason” program

• Adjusted staff to more strategic locations to better align with community needs
  • Positioned coalition peers in medical facilities, community centers, and academic institutions

• Improved understanding of relationships between disparate data sets
  • Determined crimes associated with attributable to addiction and time from first use to arrest

• Identifying demographic differences between user populations to better engage, treat, and support
  • Understood the distinctions between opioid and stimulant dependency

• Using the platform to attract and acquire additional funding through data-driven actions and evidence-based policymaking
  • Supported gaining an additional $1M in grants for the NSVSAC
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DFS NFLIS Case Submission Lab Analysis

Results 2013

This dataset contains records of drug content analysis for forensic samples submitted to the Virginia Department of Forensic Science (DFS) and entered into the National Forensic Laboratory Information System (NFLIS) during calendar year 2013.

Featured Content Using this Data

Choose to promote up to 3 Socrata assets that use this data, or choose to feature any relevant external resources. If left blank this section will be invisible.

About this Dataset

Updated
January 24, 2019

Data Last Updated
December 13, 2018

Metadata Last Updated
January 24, 2019

Date Created
December 13, 2018

Views
4

Downloads
0

Attachments

- Virginia_DFS_NFLIS_data2013_Data_Dictionary.xlsx

Topics

- Category: Forensics

Tags

- drug, location, jurisdiction
What's in this Dataset?

Each row is a Drug content analysis result for an item of forensic evidence

50.9K rows, 15 columns

Columns in this Dataset

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<tr>
<th>Column Name</th>
<th>Description</th>
<th>Type</th>
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Table Preview

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**Master Data Dictionary**

Dataset: NVRDGTOf

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VA State Police Incident Based Analysis

Incidents: 2,936

Demographics and Crime:
- Race: Black or African American - 440
- Missing: 71
- Unknown: 28
- White: 2397

No. Offenders vs No. Victims:
- Clarke County
- Frederick County
- Shenandoah County
- Warren County

Day of the Week:
- Thursday: 549
- Wednesday: 564
- Friday: 518
- Tuesday: 518
- Saturday: 273
- Sunday: 125
- Monday: 189

Number of Offenses:
- 0
- 500
- 1000
- 1500

Number of Victims:
- 0
- 1000
- 1500

Crime Analysis (Winchester 2018)

Top Crime Type: Drugs

Distribution of Parent Crimes

Temporal Trends in Crime

Number of Crimes

Month

Crime Map

Arrest Crime Winchester

Incident Description

Incidents

Address

Zip Code, Location Type, Address

Brock

Corner
Crime Analysis (Winchester 2018)

Top Crime Type: Assault

Distribution of Parent Crimes

Assault: 100.0%

Temporal Trends in Crime

Number of Crimes

Month

Crime Map

Assault

Arrest Crime Winchester

Incidents

Block

Corner
Home or Self Care Discharge Facility: 107,227
Average LOS: 2.37
More about FAACT and the Team
FAACT History

2017 - Applied for and won Dept of Justice TIPS Grant for Opioid-Related Data Sharing and Analytics Pilot
2018 – Designed and launched Pilot in NW Virginia with NSVSAC and Qlarion
2019 (Jan) – Completed pilot and trained pilot participants
2019 (May) – Applied SAMHSA Grant funding to expand pilot into the next project phase
2019 (June) – Started work on current phase
Issues Encountered

• Sharing data is a vague and ill-defined process which takes a lot of time and effort to be successful
• Due to organizational reluctance with data sharing, project was initially limited to non-sensitive data
• Source data was mostly poorly documented (e.g., lack of data dictionaries)
• Needed to conform data to a common standard (e.g., NIEM) to link across systems
• Lack of readily-available solutions required innovative approaches and creativity.
Forming the NSVSAC Coalition

April 2014
• Summit at Shenandoah University attended by approximately 200 people representing the U.S. Attorney’s Office, Drug Enforcement Agency, Valley Health, local law enforcement, and concerned community members

Created a Heroin Task Force that became the Addiction Action Committee and is now the Northern Shenandoah Valley Substance Abuse Coalition
• Brought together a diverse group of stakeholders in the community to address this public health crisis
• Law enforcement, health care, judiciary, government, Community Service Board, Educators, Social Services, private substance abuse and mental health providers, non-profit organizations, and concerned citizens
NSVSAC Mission

The Northern Shenandoah Valley Substance Abuse Coalition will collaborate with community partners to take the lead in identifying and developing effective resources to ensure that the necessary continuum of care for substance use and addiction services is available to all members of the community.
Areas of Strategic Focus

• **Prevention**
  - Creating a new community norm
  - Age-appropriate and situationally-appropriate education offered to all longitudinally

• **Treatment**
  - Treatment that is financially and geographically accessible in a timely manner
  - Client-focused individualized treatment with family/supports

• **Recovery**
  - Resources are available to anyone with a substance use disorder who reaches out to NSVSAC members
  - Robust Peer Recovery Coach program
Implementation Team

• Implementation and strategic partner in this journey
• Charged with making this vision a reality
• Public-sector focused, analytics consulting firm headquartered in Virginia
• Currently engaged with several other high-profile projects across the Commonwealth and elsewhere.
FAACT Governance and Data
Data Governance

• Pilot used a standardized data sharing agreement (served as example for the new CDO)
• Now modeled after the data trust framework (fully coordinated with CDO)
  • Will now specify what data is shared with who
  • Will include sensitive data when appropriate
  • Encompasses multiple projects and uses for data
  • New, approved data uses would not require re-signing agreement
• CDO serves as the Data Trustee
• Use the CDO infrastructure to land the data prior to FAACT Data Sharing Platform
• Sponsor Agency serves as a Technical Trustee
• Standing up Governance Council of data contributors and Trustee
FAACT Conceptual Architecture
The FAACT Data and Sources

FAACT is a multi-phased project. The first phase data sets included:
- Pre-Trial
- Community Corrections
- Police Incidents
- Regional Overdoses
- Lab Analysis Results
- Hospital Admissions and Patients
- Social Services
- Unemployment
- Poverty
- Education

Some organizations that have contributed data so far:
- DCJS
- Local Corrections
- VA State Police
- Winchester Police Department
- VA Department of Forensic Sciences
- Private Healthcare System
- Community Service Board
- US Census and Bureau of Labor
FAACT Proposed Statewide Data Sets

• Emergency Medical Services (Department of Health)
• Emergency Department (Department of Health)
• Neonatal (Department of Health)
• Probation Detail (Department of Corrections)
• Drug Court (Virginia Courts)
• OD Maps (HIDTA)
• Education Detail (Department of Education)
• All Incidents (Virginia State Police)
• Prescription Monitoring Program (Health Professions)
• ARCOS (DEA)
FAACT’s Future
What’s Next?

• Add more regional, statewide, and national data sets
• Implement a robust governance model through the development of a data trust and establishing a Data Governance Council
• Make the analytics platform available to users across the Commonwealth to widen the impact
• Better integrate data sets at the person level by incorporating sensitive de-identified data
• Augment the analytical capabilities of the platform by adding new data, methods, and models
• Increase community adoption and engagement to save lives
Thank You