Introduction

- Office of Informatics and Analytics (OIA)
  - Made up of 3 units
    - Data Governance
    - Core Informatics
    - Advanced Analytics and Visualization

- Currently Tennessee Department of Health (TDH) has 3 primary grants that work with the PDMP’s data
  - BJA’s Hal Rogers PDMP 2020
  - BJA’s Hal Rogers PDMP 2022
  - CDC’s Overdose Data to Action
Tennessee (TN) Grant Activities

- Enhance reporting of controlled drug shipment data
- Expand partnership with Tennessee Bureau of Investigation (TBI) through the acquisition and integration of drug related arrest data
TN Controlled Drug Shipment Data Reporting Regulations

- Tennessee Code Annotated (T.C.A) 53-10-312. Minimum reporting requirements for wholesalers and manufacturers – Establishment of rules as to reporting requirements

- TN Board of Pharmacy Rule 1140-11-05. Minimum Reporting Requirements for Wholesalers and Manufacturers
TN Controlled Drug Shipment Data Reporting Regulations

- TN regulations set out the data elements currently reported.

- TN Board of Pharmacy is in discovery to determine what additional data elements would benefit the investigative process.
Controlled Drug Shipment Current Process

• Current Drug Shipment Submission Process
  – Flat File is received by email and saved
  – Manual reply is sent to the submitter
  – Staff manually perform a process to upload the data
  – Manual query for reports

• Current Suspicious Order Notification method
  – Emailed or faxed into the Board of Pharmacy
  – Reviewed by staff and logged manually

• No validations when data submitted
• Labor intensive (for both submitter and TN)
Controlled Drug Shipment Future Process

- Develop a long-term solution to automate the submission process
- Increase surveillance, analysis, and monitoring of controlled drug shipments through automation
- TN IT is developing an application
  - Submission data will be based off current DEA ARCOS format
  - Flexibility to submit data
    - Manual entry within the application
    - File upload within the application
    - Secure File Transfer Protocol (SFTP)
    - Application Programming Interface (API)
  - Validation will occur on some submitted data
Controlled Drug Shipment Future Process

- Automated process of suspicious order notification based on DEA Suspicious Order Report System (SORS) format
- Home Page/Welcome Page will change based on role
- Roles still under development but current list of roles identified
  - Admin
  - Manufacturer/Wholesaler/Distributor
  - Investigator
  - Customer Service
Expand partnership with TBI
Expand partnership with TBI through the acquisition and integration of drug related arrest data

- TDH has an established collaborative relationship with TBI, specifically the Tennessee Dangerous Drugs Task Force (TDDTF)

- TBI has been a primary partner in the TDH-led multidisciplinary drug overdose working group where they provide valuable information that lends a unique perspective to how Tennessee is combating drug overdose
Expand partnership with TBI through the acquisition and integration of drug related arrest data

- TDH’s Office of Informatics and Analytics (OIA), responsible for overdose data and surveillance, has successfully integrated TBI data in our Integrated Data System (IDS)

- TBI data, integrated in the IDS, is an important component of our regular overdose surveillance reports made available to public health, mental health, and law enforcement staff across the state
Expand partnership with TBI through the acquisition and integration of drug related arrest data

- Data Sharing seizure/lab analysis data from TBI delayed due to system upgrades
  - This data will be highly beneficial in surveillance efforts
- Goal for drug seizure/lab analysis data to become available in 2023
- TDH Data Governance unit will begin drafting the data sharing agreement
  - This agreement will define the terms and rules for data sharing
Additional Information and Resources

• Tennessee Board of Pharmacy
  – Contact Information:
    • EMAIL: pharmacy.health@tn.gov,
    • PHONE: 615-253-1299
    • WEBSITE: www.tn.gov/health/pharmacy

• Controlled Substance Monitoring Database (CSMD)
  – Contact Information:
    • EMAIL: csmd.admin@tn.gov
    • PHONE: 615-253-1305
    • WEBSITE: www.tn.gov/health/csmd

• Office of Informatics and Analytics
  – Contact Information:
    • EMAIL: TDH.Analytics@tn.gov / TDH.Informatics@tn.gov
    • EMAIL: TDH.RxCheck@tn.gov
    • WEBSITE: https://www.tn.gov/health/health-program-areas/pdo.html
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QUESTIONS