Data Driven Model: Evidence Based Practices for Corrections Programs

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**ABOUT HCDC**

- Howard County Department of Corrections (HCDC) provides a safe, secure & civilized environment to inmates.
- Offers a variety of programs to inmates under jurisdiction of HCDC to reduce risk of recidivism.
- Enhances public safety by providing targeted re-entry services to inmates.

**SUCCESSES**

- Identified missing links in data collection process which will help HCDC in making better decisions.
- Automated analysis and reporting for Work Release, Urinalysis and other departments.

**CHALLENGES**

- Some data was recorded in Microsoft Word and saved in PDF format which made analysis challenging.
- Figuring out accountability for data recorded for Urinalysis posed as a challenge.

**GOALS**

- Analyze data, generate intelligence about various programs and processes which need improvement.
- Provide a data driven picture of efficacy of underlying methods and possible areas of improvement.
- Automate report generation from raw data to aid efficiency, identify trends and reduce man hours.

**ACCOMPLISHMENTS**

- Identified and rectified error in data recording for Urinalysis 2015.

**FUTURE SCOPE**

- Streamline data capturing process
  - Identify how data will be recorded and the person responsible for recording.
- Validate captured data to preserve accuracy
  - Place checks and validations in place to maintain data accuracy.
- Implement in other sub-departments of HCDC
  - Repeat this activity for other departments.

**BENEFITS**

- Makes community more safe & secure
- Helps inmates by providing them a better life quality in HCDC
- Helps staff in identifying trends & re-evaluating policies & programs

**DATA ANALYSIS**

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