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# Customer Case Study: Building Performance Information in a Statewide Corrections Agency

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## ABSTRACT

The Florida Department of Corrections, with more than 27,000 employees, has responsibility for 90,000 inmates in 125 state prisons, road camps, work camps and work release centers and over 150,000 offenders on community supervision (probation/parole).

Mainframe and server-based databases provide extensive data tracking information on inmates, offenders, facilities, and employees.

The performance of the department is of interest not only to internal management but to the Florida legislature, the Governor's office and the media. Other customers include individuals and organizations making public records requests, academic researchers, and state, local and national law enforcement (police departments, ICE, FBI).

The Bureau of Research & Data produces both standard and ad hoc reports on all aspects of operations and performance. Using basic SAS tools (Base, Stat, ETS, Access to OLEDB, Access to PC File Formats, Connect) the bureau has developed a SAS data warehouse, and has developed reports ranging from simple tabulations to predictive modeling.

The most recent and complex statistical projects underway currently are COTAS (Corrections Operational Trend Analysis System) – modeling to predict future disruption in prisons – and a new version of the inmate recidivism study – modeling to predict the odds of returning to prison or supervision.

The presentation provides an overview of the SAS data warehouse, the SAS components used, and the newest predictive modeling projects.

**No paper was submitted for publication.**

## CONTACT INFORMATION

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