**INTRODUCTION AND MOTIVATION**

FSSA is a healthcare and social services funding agency offering services to about 1.5 million Hoosiers. Medicaid re-entry division can submit claims for returning citizens (RCs). Medicaid applications made at least 30 days before release. The purpose is to ensure continuity of care post-incarceration. RCs are very vulnerable:

1. More likely to visit the emergency department (ED) or be hospitalized
2. Higher incidence of mental health
3. More prone to drug abuse
4. Higher rates of chronic health conditions, and communicable diseases

**RESEARCH OBJECTIVE**

To understand the health outcomes of the offender population across various demographic factors.

**METHODOLOGY**

Identify first use of Medicaid from historical claims.

Tag claims made at ED and primary care physician.

Used univariate graphical statistical methods to identify trends in the use of Medicaid overall and at the ED.

**RESULTS**

Top 5 health diagnoses in 2021 are related to drug dependence, COVID-19, and hypertension. Made by Caucasian male and female in their 30s. More claims are made at primary care physician than at the ED.

**CONCLUSIONS**

Categorization of claims by acute and non-acute.

Move beyond first use of Medicaid to identify trends in a historical claims.

Compare trends in Medicaid use to the non-prison.

Analyze juvenile dataset.

**FUTURE GOALS**

Categorization of claims by acute and non-acute.

Move beyond first use of Medicaid to identify trends in a historical claims.

Compare trends in Medicaid use to the non-prison.

Analyze juvenile dataset.

**ACKNOWLEDGEMENT**

Thanks to our Corporate Mentor: Cristian Guandique and The Data Mine Staff: Dr. Ward, Maggie Betz, and Pallavi Pati.

**REFERENCES**