

DATA-DRIVEN JUSTICE: DISRUPTING THE CYCLE OF MASS INCARCERATION

Lynn Overmann

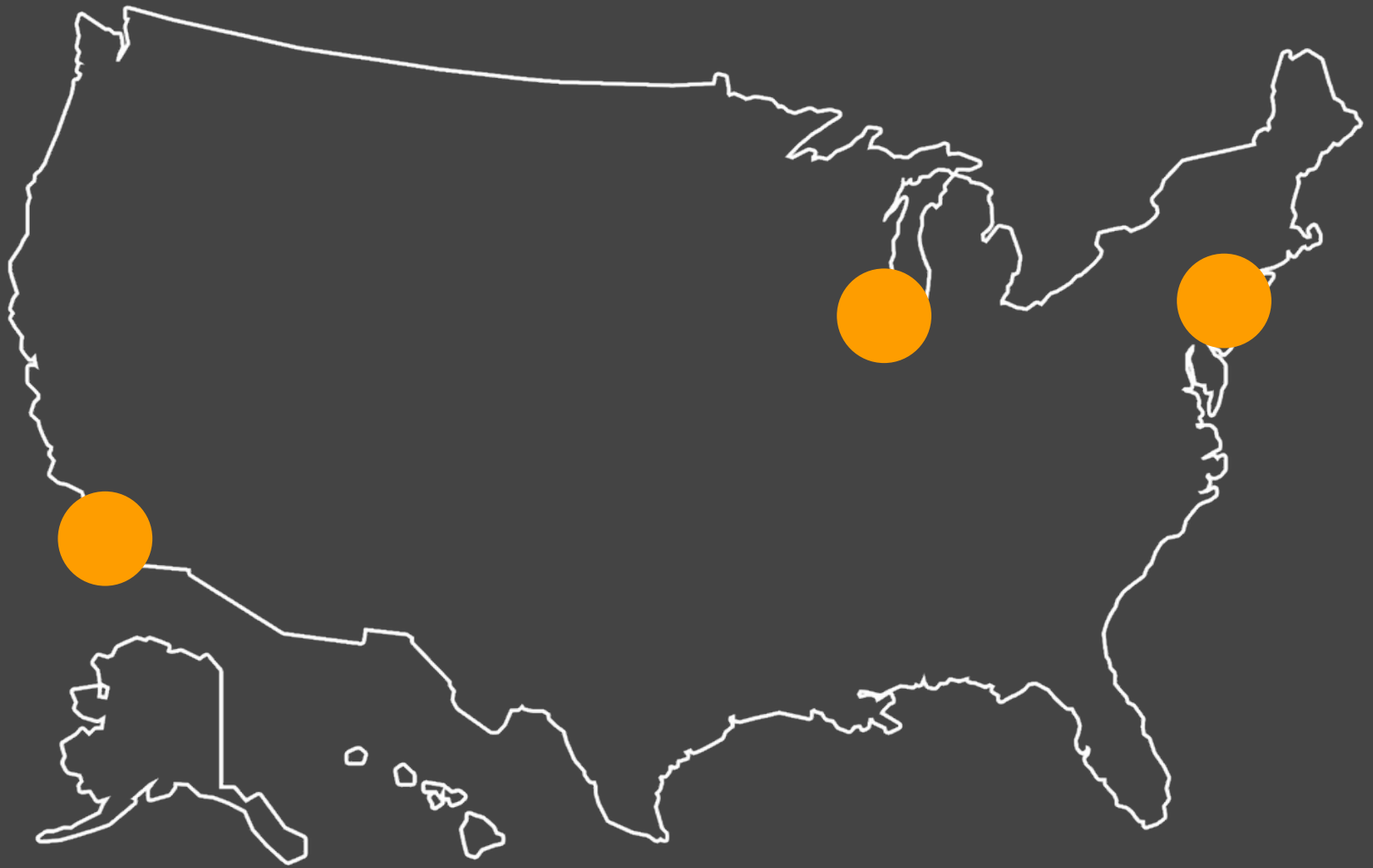
Laura and John Arnold Foundation

lynno@arnoldfoundation.org

David Schwindt

Officer, Iowa City Police Department

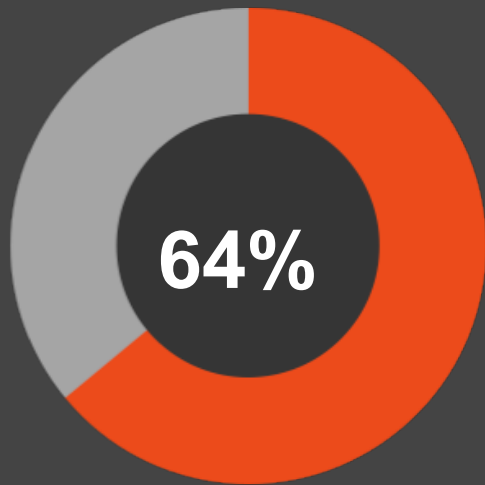
David-Schwindt@iowa-city.org



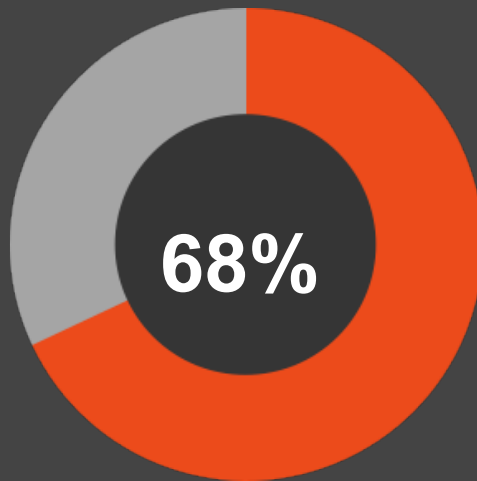
A photograph of a jail interior, showing multiple levels with barred windows and wooden benches. The text is overlaid on the image.

Every year,
11 million people cycle
through **3,100 local jails**,
costing over **\$22B.**

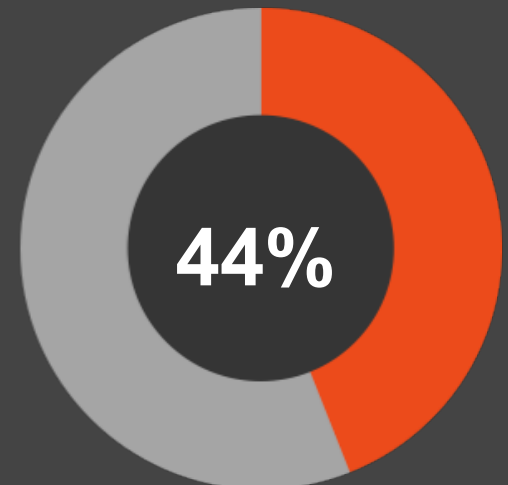
In local jails:



**have a mental
illness**



**have a substance
use disorder**



**have chronic
health problems**

SCOUT & SCALE WHAT WORKS: REAL TIME USE OF DATA

Identify Unseen Opportunities to Intervene

Risk of police encounter

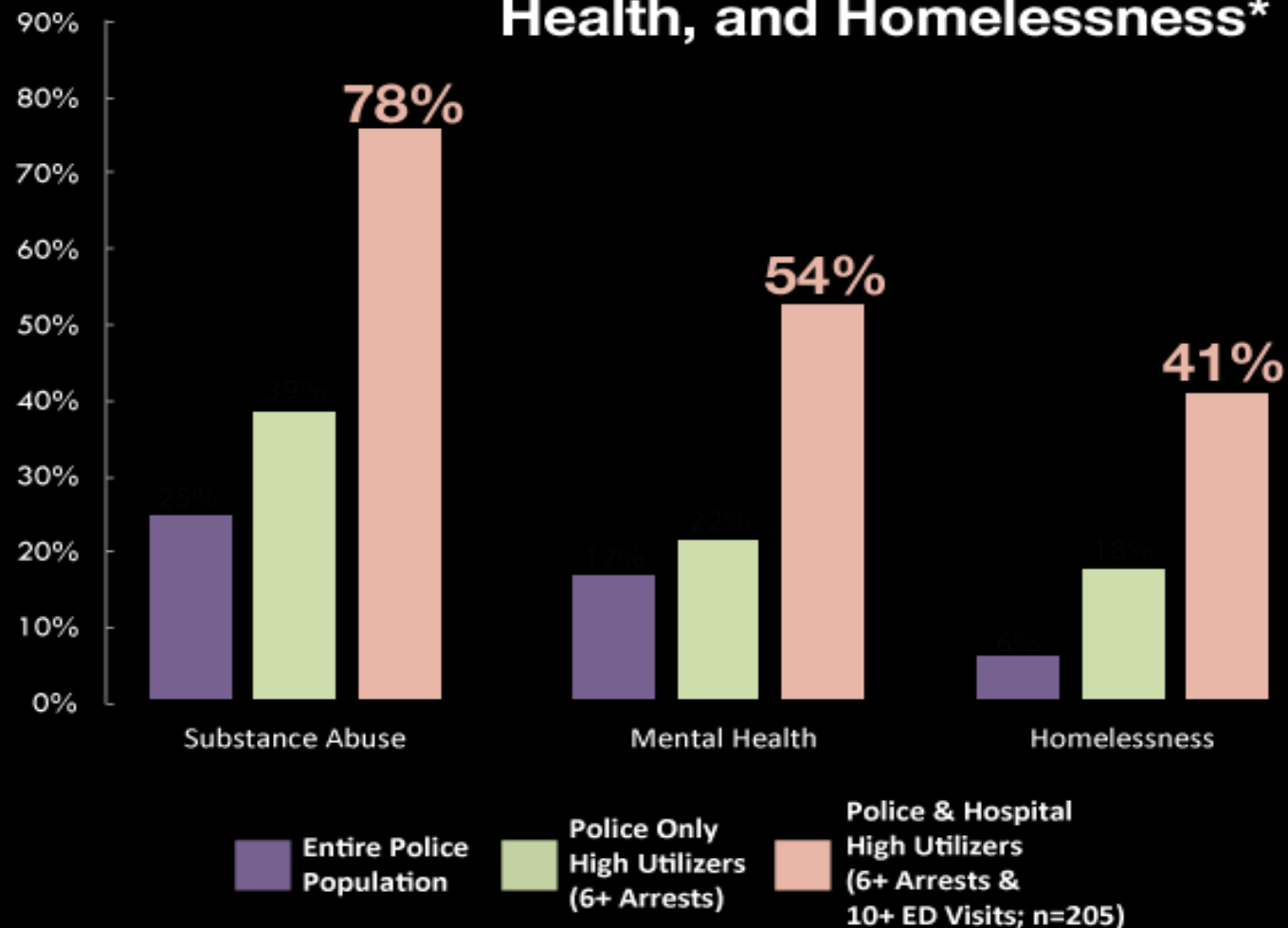
2.7x more likely if you visit the Emergency Department 5 times in a year (3.8x for women).

1.5x more likely if you have a substance abuse related hospital visit (2.0x for women).

1.8x more likely if you visit the hospital with a violence-related diagnosis (2.5x for women).

~60% of Police & Hospital High Utilizers have at least one substance-abuse related hospitalization prior to their first encounter with the police department.

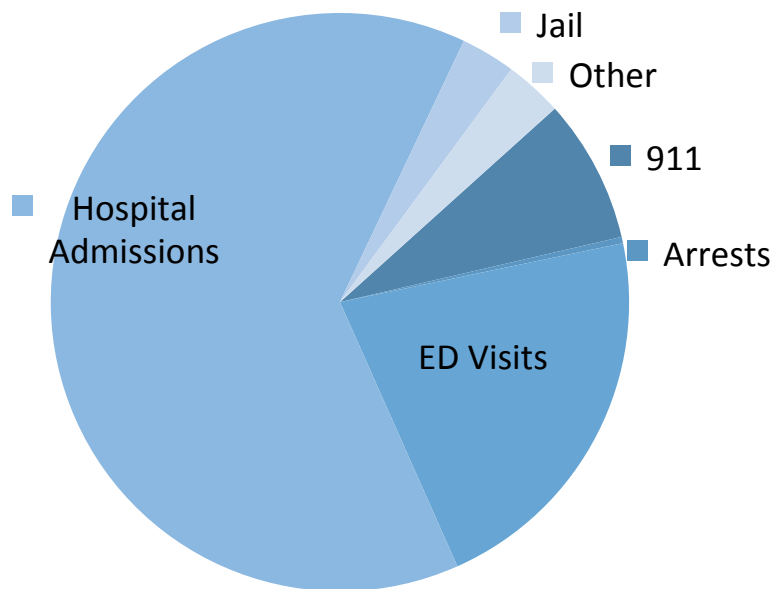
Prevalence of Substance Abuse, Mental Health, and Homelessness*



*Substance abuse and mental health were identified through diagnosis codes from hospital encounters. Homelessness was identified through address data from both hospital and police records. All three are likely to be underreported in the data.

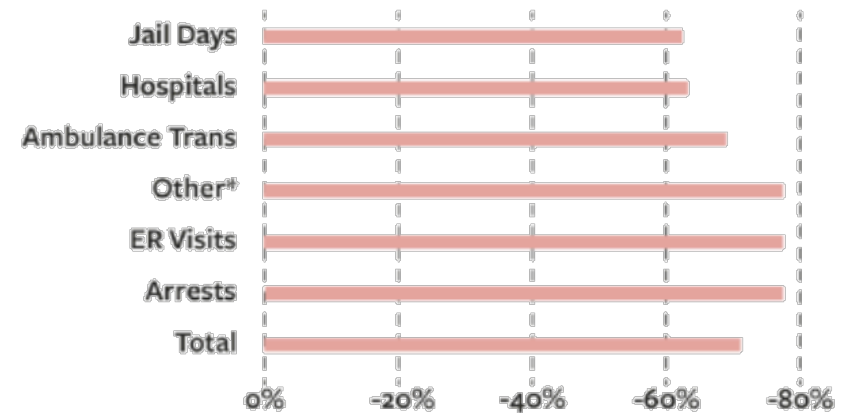
Project 25: Housing First, Health Home for Serious Mentally Ill and Chronically Homeless

In 2010, 28 people cost the community **\$3.5 million**



Project 25's Impact on Public Service Expenses

2010 BASE TO 2013



*Includes: Crisis House, detox centers, homeless shelters, legal assistance, Psychiatric Emergency Response Team

Total Cost Savings = **\$3.7 million** over 2 years (net ROI of 207% in 2012 and 262% in 2013)

All Project 25 individuals **housed** in their own apartments, have acquired **health care** insurance, and are receiving necessary **supportive services and care** on an ongoing basis.

MIAMI-DADE, FLORIDA

97 PEOPLE

\$13.4M IN SERVICES

39,000 DAYS IN INSTITUTIONS

WITH DE-ESCALATION TRAINING, RESPONDED TO

50,000 CALLS,

ONLY MADE **109** ARRESTS,

DIVERTED **10,000** PEOPLE

JAIL POPULATION FELL FROM **7,000** TO **4,700** AND

SAVED **\$12M** A YEAR



Actual data from 26 y/o female

POLICE	Date	Type	Information
	9/24/2016	VICTIM	DISTURBANCE
	6/16/2016	VICTIM	DOMESTIC DISPUTE
	6/2/2016	INVOLVED PARTY	MENTAL HEALTH
	2/25/2016	INVOLVED PARTY	INVOLUNTARY HOSP
	12/30/2015	INVOLVED PARTY	SECTION 12
	10/20/2015	INVOLVED PARTY	MISC
	10/1/2015	VICTIM	UNARMED ROBBERY
	6/20/2014	INVOLVED PARTY	OVERDOSE PSYCH
	2/15/2014	DEFENDANT	DOMESTIC A&B
	1/10/2014	INVOLVED PARTY	VOLUNTARY PSYCH
	8/2/2013	INVOLVED PARTY	ATTEMPTED SUICIDE
	12/30/2012	VICTIM	INDECENT A&B
	9/19/2012	VICTIM	LARCENY
EMS	Date	Type	Information
	11/6/2016	INVOLVED PARTY	NON FATAL OD
	9/17/2016	VICTIM	OVERDOSE
	9/13/2016	VICTIM	OVERDOSE
	8/12/2016	VICTIM	OVERDOSE
	8/11/2016	INVOLVED PARTY	OVERDOSE
	5/28/2016	INVOLVED PARTY	DRUG OVERDOSE
	4/22/2016	VICTIM	OVERDOSE
	3/29/2016	INVOLVED PARTY	OVERDOSE
	3/25/2016	INVOLVED PARTY	OVERDOSE
	8/3/2015	VICTIM	OVERDOSE
	5/25/2015	INVOLVED PARTY	OVERDOSE
	6/20/2014	INVOLVED PARTY	OVERDOSE PSYCH
	2/15/2014	DEFENDANT	DOMESTIC A&B
	1/10/2014	INVOLVED PARTY	VOLUNTARY PSYCH
	Date	Type	Information
	8/2/2013	INVOLVED PARTY	ATTEMPTED SUICIDE
	2/23/2013	INVOLVED PARTY	DRUG OVERDOSE
	12/30/2012	VICTIM	INDECENT A&B
	9/19/2012	VICTIM	LARCENY
	7/15/2012	SUSPECT	DRUG OVERDOSE
	7/12/2012	INVOLVED PARTY	DRUG OVERDOSE

The Problem

- Population
- Property
- Violence
- Harassment
- Alcohol
- Synthetic Drug Use



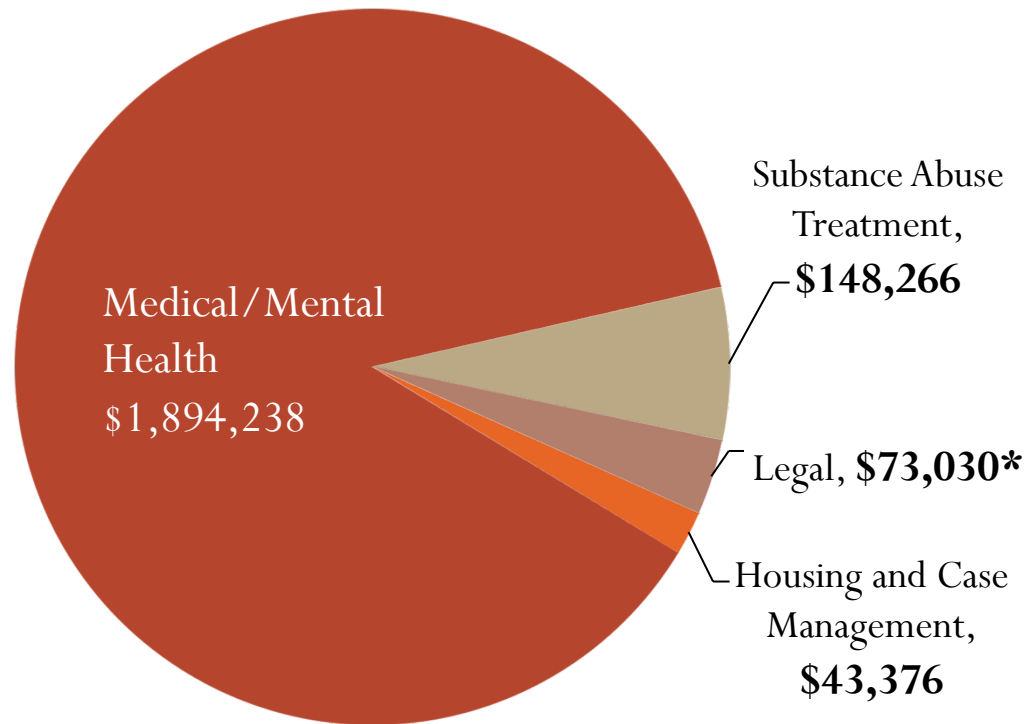
Cross Sector Data Sharing



Four Local Johnson County Case Studies

2009 – June 2014 total costs of four individuals

Total Cost:
\$2,159,105



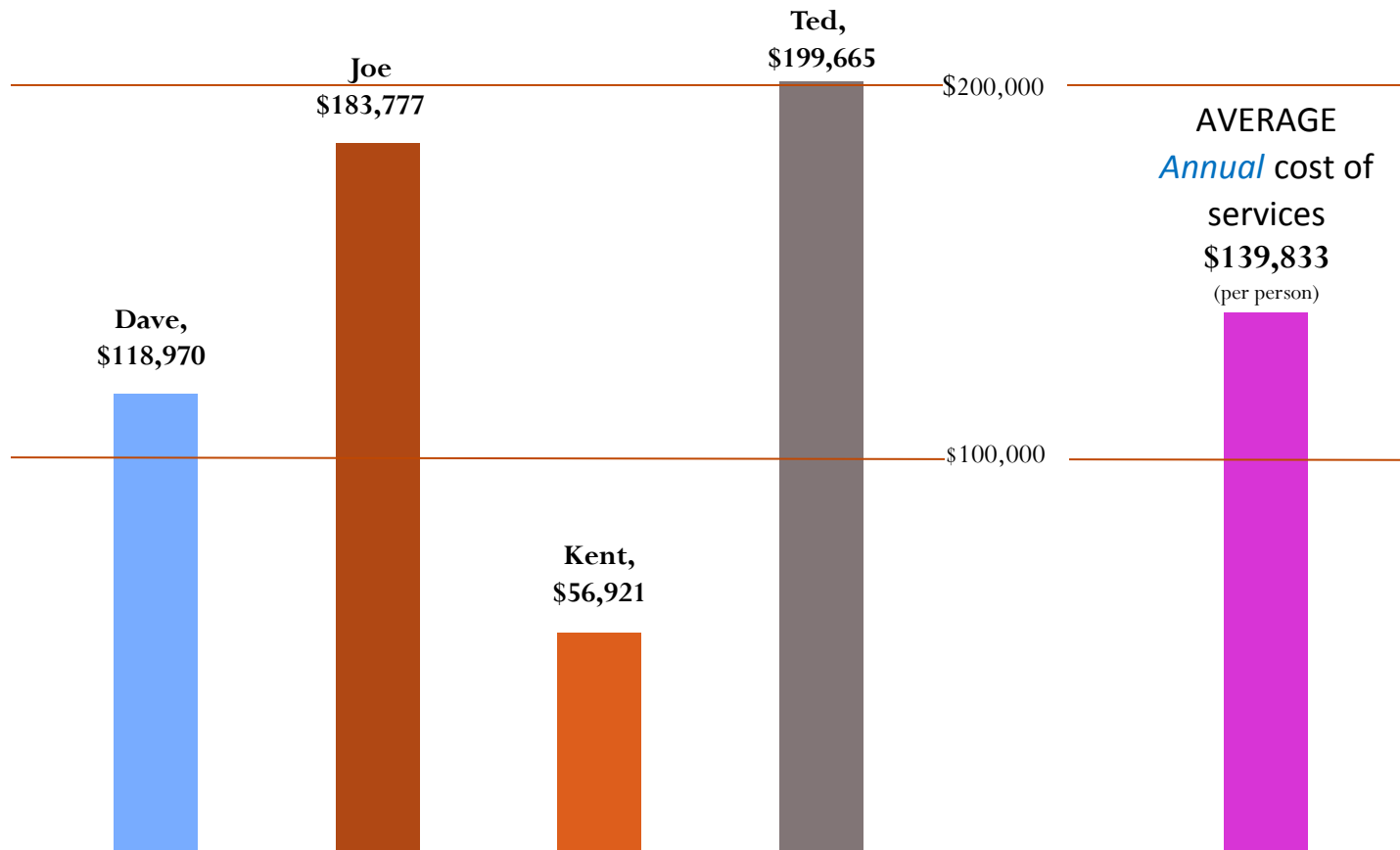
*Legal Charges are a low estimate of the range provided for data collection.

Four Johnson County Case Studies

Average annual costs for four individuals

Recent Individual *Annual* Cost of Services*

(Averaged over several years)





Progress in: Iowa City

From: Matthew Tamayo [mailto:matthew@thedataloom.com]
Sent: Wednesday, March 01, 2017 3:13 AM
To: Julia Van Cleve
Cc: David Schwindt
Subject: Re: Update on Linking Iowa Data in Loom

Also we identified a couple of high utilizers in the data set you shared. Does this guy seem familiar?

[Back to results](#)



First Name: ALAN, ALLEN, ALLAN, ALLEN LEE Jr., ALLEN LEE, ALLEN
Last Name: [REDACTED]
Date of Birth: [REDACTED]-05-27

CFS Number	Involvement	Type of Call	Date Released	Date Booked	Address	Resolution
16056586, 16058178, 16059161, 16066926, 16067680, 16065810, 16064386, 16054695, 16060156, 16065008	Reported By, Other	Z Unknown Problem, Z Falls, Z Breathing Problems, VAGRANT/TRANSIENT PUBLIC ASSIST, Z Sick Person, OUT WITH SUBJ	22-Apr-16	21-Apr-16	411 [REDACTED] St. [REDACTED]	COMPLETED, WARRANT ARREST OTHER AGENCY, ARREST MADE, INCIDENT REPORT TAKEN, HANDLED BY OTHER AGENCY, PT TRANSPORTED

Matthew,

Alan ####, the man you referenced below, is very familiar to us. Mr. #### is homeless, an alcoholic, and has a number of health issues. He isn't very nice when he's drunk, but he is great to talk to when sober. Here's a picture of (sober) Alan and me having coffee in our downtown one morning. Ignore my double-chin. I'm working on my selfie skills.

Alan is one who causes us many, many issues. Unfortunately, we just don't have a way to work with Alan...That's why you don't see him getting booked. We try to take him to our low barrier shelter when it is available, take him to get showered, but we rarely arrest him.

If there was something that worked to help Alan we would do it, we just don't know what that is. So we respond to the 911 calls and do our best with what we have.

David Schwindt

