

Data-Driven Justice: Planning and Research Peer Engagement Group October 2020



Data-Driven Justice

Johnson County, Iowa

David Schwindt

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Existing Data vs New Data

Housing First Study



Housing First Study



Housing First Study

AutoSave On | Data from Baker - Excel | David Schwindt

File Home Insert Draw Page Layout Formulas Data Review View Add-ins Help QuickBooks Team Search

Clipboard Font Alignment Number Styles Cells Editing

U29

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
2																			
3		2/21/2014																	
4																			
5		PUBLIC, JOSEPH JOHN								13									
6																			
7			12047280			3/30/2012		OUT FOR INVEST/FOLLOW UP				TRANSIENT			COMPLETED				
8																			
9			12062449			4/26/2012		HARASSMENT/OBSCENE PHONE				TRANSIENT			COMPLETED				
10																			
11			12067429			5/5/2012		SUSPICIOUS/ACT/PERS/VEH				TRANSIENT			COMPLETED				
12																			
13			12080722			5/29/2012		OUT WITH SUBJ				TRANSIENT			COMPLETED				
14																			
15			12082364			6/1/2012		TRESPASS				TRANSIENT			COMPLETED				
16																			
17			12090105			6/15/2012		SUSPICIOUS/ACT/PERS/VEH				TRANSIENT			WARNING ISSUED VERBAL				
18																			
19			12112885			7/25/2012		THEFT/SHOPLIFTING				TRANSIENT			CHARGED/RELEASED				
20																			
21			12127028			8/18/2012		OUT WITH SUBJ				TRANSIENT			WARNING ISSUED VERBAL				
22																			
23			12131823			8/26/2012		PUBLIC ASSIST				TRANSIENT			COMPLETED				
24																			
25			12145911			9/17/2012		SUSPICIOUS/ACT/PERS/VEH				TRANSIENT			COMPLETED				
26																			
27			12165834			#####		SOLICITOR				TRANSIENT			UNABLE TO LOCATE				
28																			
29			12165840			#####		OUT FOR INVEST/FOLLOW UP				TRANSIENT			COMPLETED				
30																			
31			12166374			#####		OUT WITH SUBJ				TRANSIENT			PREVIOUS INCIDENT				
32																			

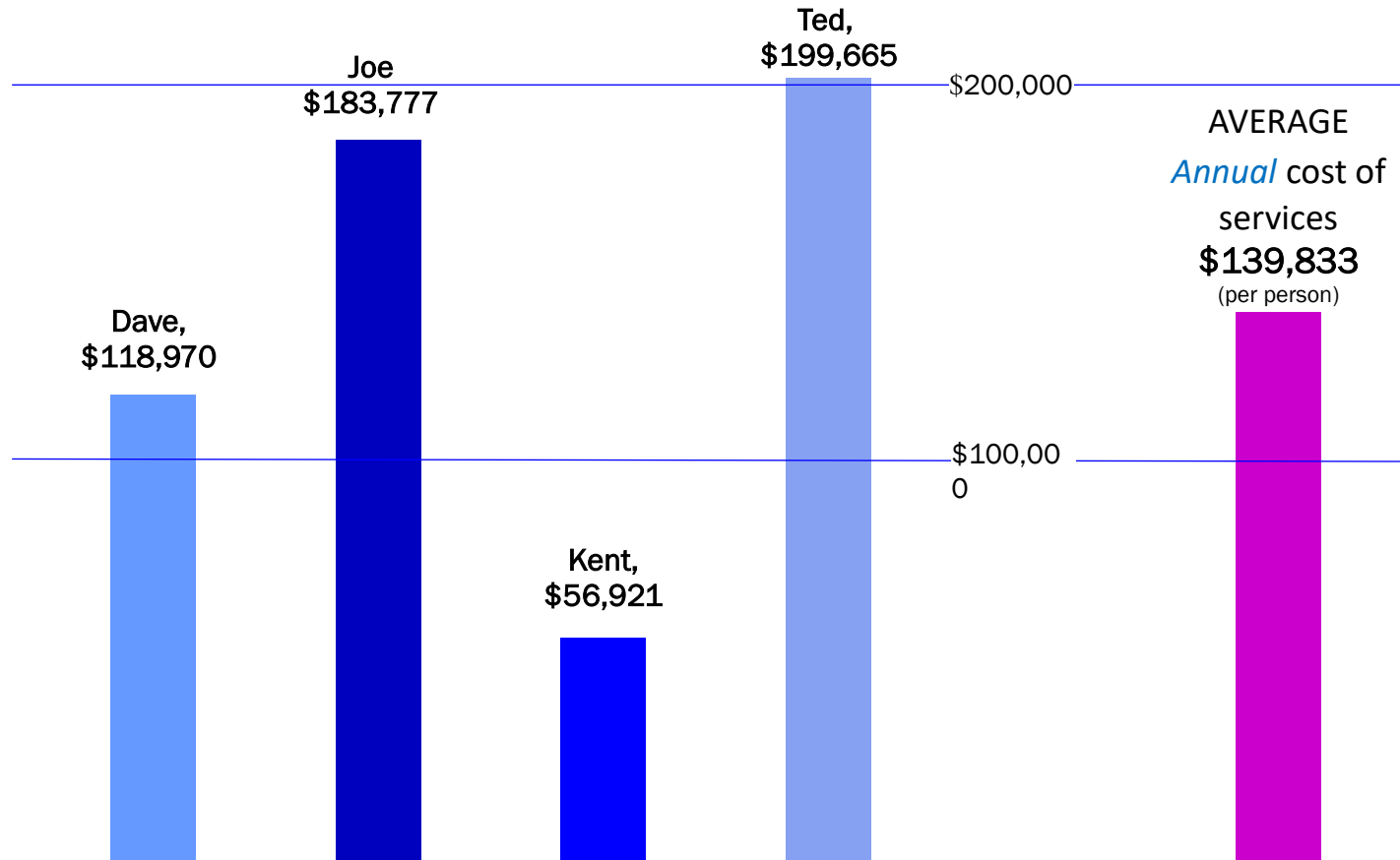
Data from Baker

Ready



Housing First Study

Recent Individual *Annual* Cost of Services*
(Averaged over several years)



[News](#)[Obituaries](#)[Sports](#)[Opinion](#)[Living](#)[Hoopla](#)[Photos](#)[Weather](#)

Shelter House gets \$2.7 million for 'Housing First' project in Iowa City

Aug 4, 2017 at 1:00 pm | Print View



Getting Started



Stakeholders

Johnson County DDJ Stakeholders Group

NAME	ORGANIZATION	TITLE	GOVERNMENT	NON-PROFIT	FOR-PROFIT	ACADEMIC
*David Schwindt	Iowa City Police Department	Police Officer	X			
Elley Gould	Johnson County Sheriff's Office	Jail Alternatives Administrator	X			
Jody Matherly	Iowa City Police Department	Police Chief	X			
John Grier	Iowa City Fire Department	Fire Chief	X			
Bill Deatsch	Johnson County Sheriff's Office	Captain / Jail Administrator	X			
Fiona Johnson	Johnson County Ambulance Service	Director	X			
Dave Koch	Johnson County Department of Public Health	Director	X			
Susan Mims	City of Iowa City	City Council Member	X			
Lisa Green-Douglass	Johnson County Board of Supervisors	County Supervisor	X			
Royceann Porter	Johnson County Board of Supervisors	County Supervisor	X			
Levi Kannedy	University of Iowa Hospitals and Clinics	Administrator / Department of Emergency Medicine	X			
Susie Nehring	Johnson County Attorney's Office	Assitant Johnson County Attorney	X			
Malinda Lamb, Ph.D.	Iowa Department of Corrections - 6th District	Clinical Services Director	X			
Kate Callahan	Iowa City Community School District	Director of Student Services	X			
Thad Abrams MD, MS	University of Iowa / VA Health Care	Assistant Professor and Core Investigator	X			
Crissy Canganeli	Shelter House	Executive Director		X		
Beau Pinkham	Crisis Center of Johnson County	Director of Crisis Intervention Services		X		
Ron Berg	Prelude Behavioral Services	Chief Executive Officer		X		
Diane Brecht	Abbe Health	Vice President of Residential Treatment		X		
Michelle Bates	BluPrairie	President			X	
Sarah Bruch, Ph.D.	University of Iowa Public Policy Center	Director of Social and Education Policy Research Program				X
Mark Berg, Ph.D.	University of Iowa Public Policy Center	Director of Crime and Justice Program				X



Data Sharing



Data Sharing



Data Sharing

ALL

(any combination)

NONE

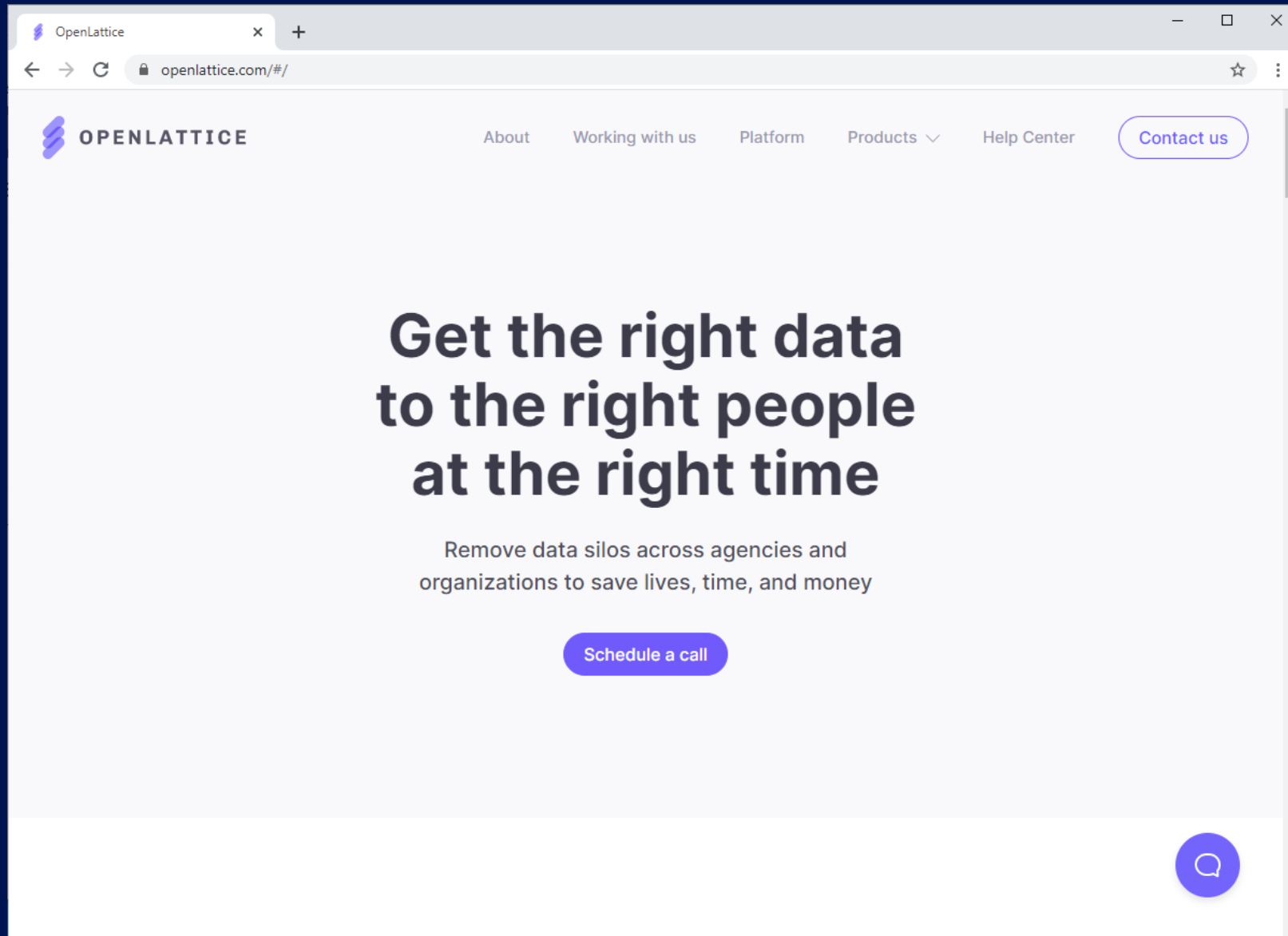
Data Sharing



FERPA

42 CFR Part 2

OpenLattice





Data Security & Compliance



Generate De-Identified Datasets

Retail Theft



Criminal Trespass



Failure to Appear



Example top charges by mental health status

Darker colors represent more severe mental health status

Secure Audit Log


2019-07-27 11:16	Norman Cox	Search: Jane
2019-07-27 08:56	Donna Quinn	Report subm
2019-07-27 07:09	Ken Matthews	Search: Jane Doe
2019-07-27 06:17	Laura Ford	Set alert: Ori
2019-07-27 05:08	Crystal Lynch	Search: Bran
2019-07-27 02:55	Janet Stanley	Search: Matt



Top Utilizers

Holodeck

openlattice.com/holodeck/#/toputilizers/d189f747-fa39-4b41-b86e-a056100ed2fa

Search  Johnson County: Inmates





is subject of Jail stay/record x

Search Option Date Range Weights Properties Find Top Utilizers

Search Results Dashboard Resources

List Table Showing top 100 utilizers

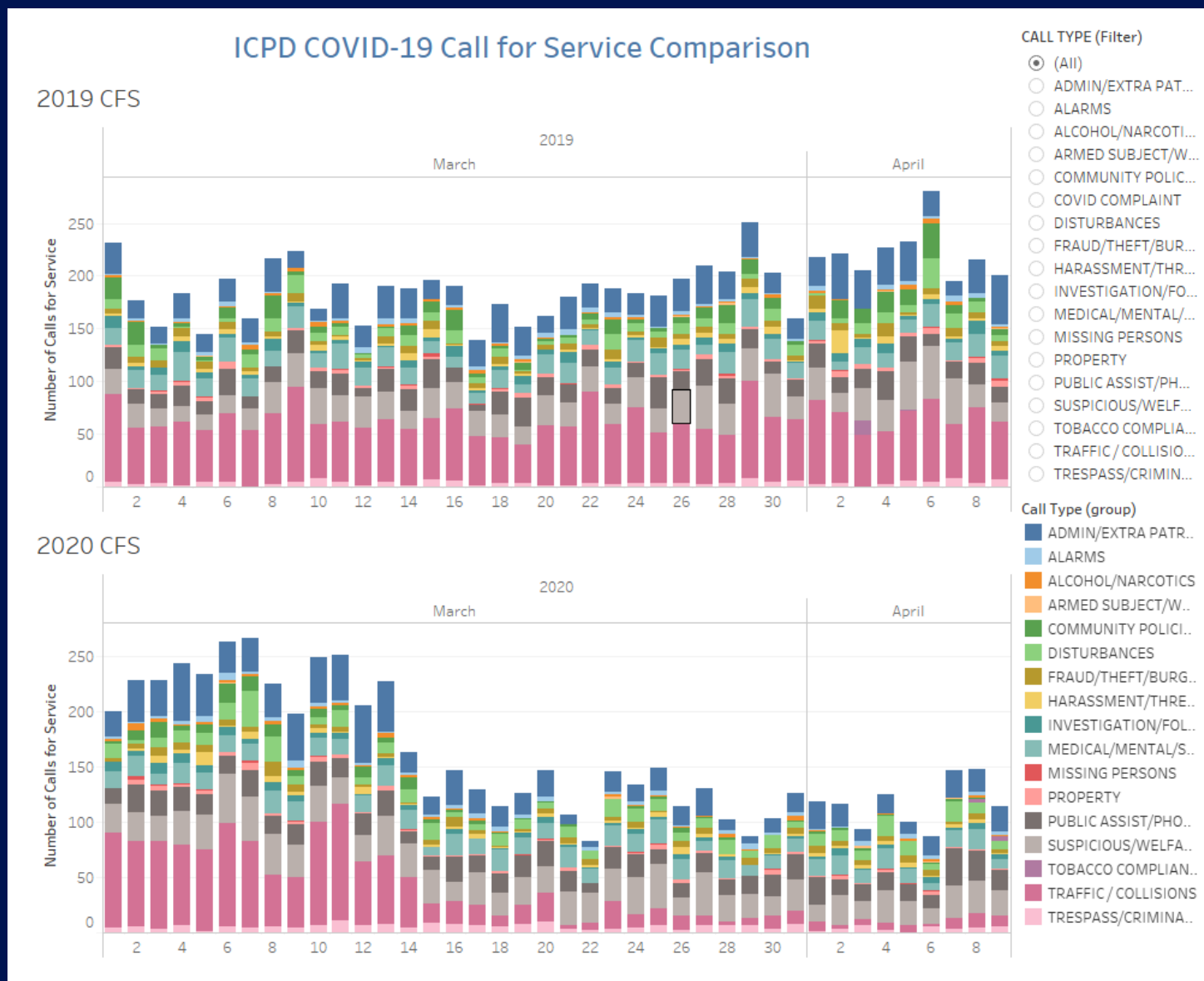
Show Score Details Download CSV

		FIRST NAME	LAST NAME	DATE OF BIRTH	SCORE
1		RUSSELL		-10-06	132
2		RICKIE		-08-28	114
3		GARY		-06-08	106
4		RONAL		-07-24	90

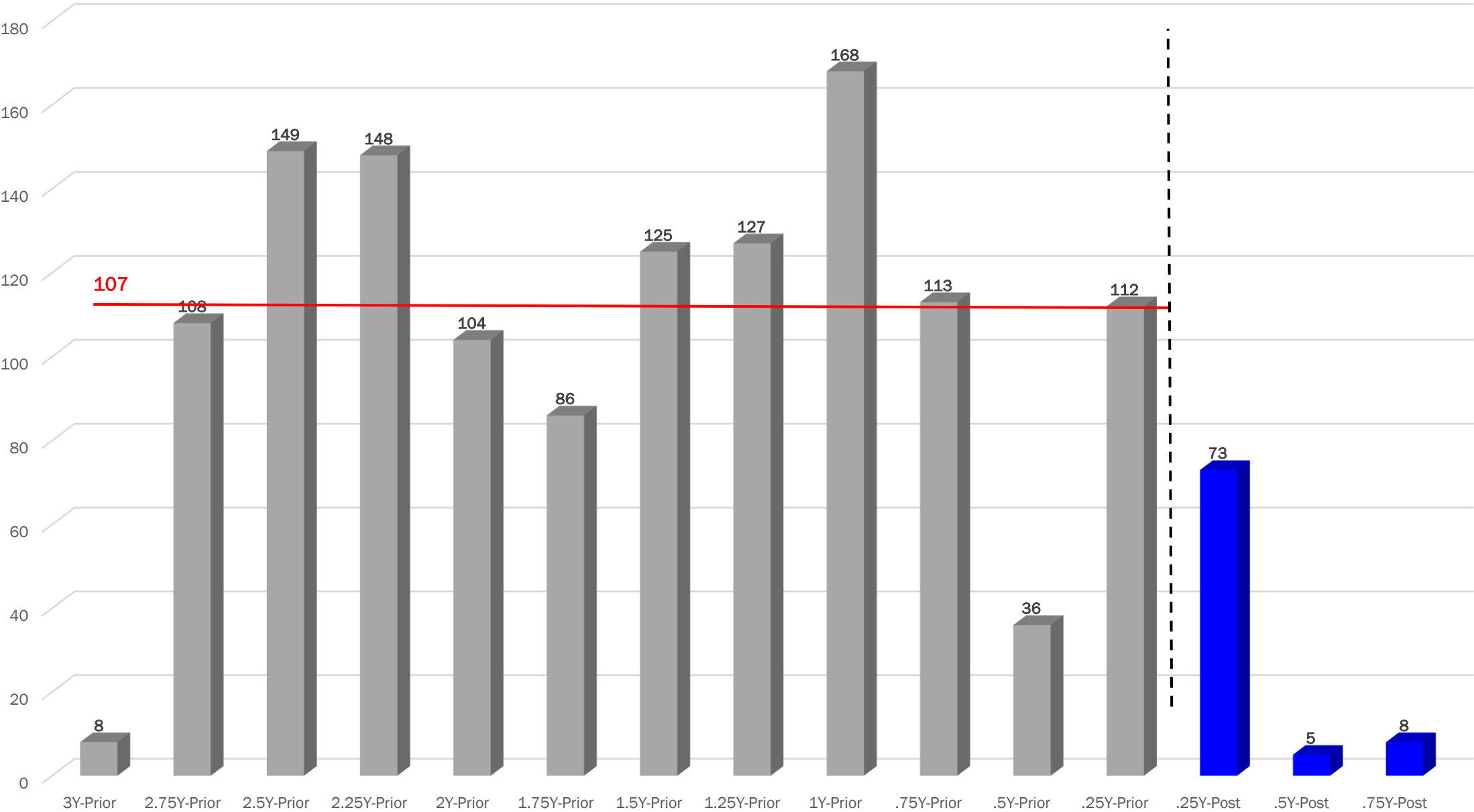
Custom Dashboards



Custom Dashboards



NIGHTS IN JAIL



Medical Costs

ALIAS	AVG (Pre)	2019 (Reactive)	2019 (R +/-)	2020 (Reactive)	2020 (R +/-)
LA	\$425,738.11	\$472,516.00	\$46,777.90	\$474,210.00	\$48,471.90
AW	\$302,402.45	\$126,938.00	-\$175,464.45	\$97,316.00	-\$205,086.45
MH	\$251,848.57	\$142,619.00	-\$109,229.57	\$26,042.00	-\$225,806.57
JC	\$96,457.79	\$68,104.00	-\$28,353.79	\$58,808.00	-\$37,649.79
CJ	\$60,679.49	\$124,420.00	\$63,740.51	\$64,070.00	\$3,390.51
DS	\$33,325.18	\$0.00	-\$33,325.18	\$10,654.00	-\$22,671.18
JS	\$33,117.50	\$28,380.00	-\$4,737.50	\$15,928.00	-\$17,189.50
FM	\$30,702.93	\$0.00	-\$30,702.93	\$0.00	-\$30,702.93
RR	\$30,273.21	\$130,420.00	\$100,146.79	\$5,968.00	-\$24,305.21
JK	\$27,353.14	\$142,769.00	\$115,415.86	\$79,542.00	\$52,188.86
VV	\$27,142.35	\$21,339.00	-\$5,803.35	\$0.00	-\$27,142.35
JD	\$25,239.36	\$4,221.00	-\$21,018.36	\$0.00	-\$25,239.36
FW	\$18,485.60	\$252,781.00	\$234,295.40	\$0.00	-\$18,485.60
RW	\$13,809.47	\$61,965.00	\$48,155.54	\$79,562.00	\$65,752.54
KW	\$16,649.37	\$0.00	-\$16,649.37	\$0.00	-\$16,649.37
SS	\$9,438.50	\$0.00	-\$9,438.50	\$0.00	-\$9,438.50
MS	\$5,982.90	\$0.00	-\$5,982.90	\$16,870.00	\$10,887.10
KM	\$4,960.56	\$9,529.00	\$4,568.44	\$0.00	-\$4,960.56
PM	\$1,213.25	\$28,662.00	\$27,448.75	\$46,210.00	\$44,996.75
	\$1,414,819.71	\$1,614,663.00	\$199,843.29	\$975,180.00	-\$439,639.71



New Data



CARE

openlattice.com/care/#/home

☆

CARE

Iowa City PD

Last Name

First Name

Date of Birth

MM/DD/YYYY

Search

Advanced Search



CARE

openlattice.com/care/#/home

☆

CARE

Iowa City PD

Last Name

dan

First Name


ed

Date of Birth

MM/DD/YYYY

Search

Advanced Search



DANIELS, EDWARD

1/2/1970

Male

White

9/14/2020

5

View Profile

New Report

Can't find the person you're looking for? Try the advanced search filters or [CREATE A NEW PERSON](#)

1 - 1 OF 1 < >



CARE

openlattice.com/care/#/profile/7a920000-0000-0000-8000-000000010059

CARE

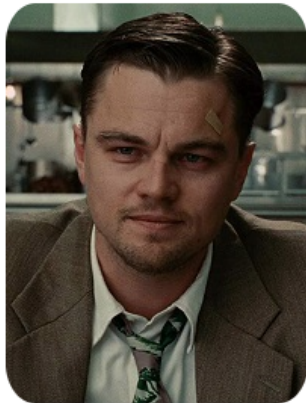
Iowa City PD

EDWARD DANIELS > PROFILE

Response

History

Create Report



FIRST NAMEEdward

LAST NAMEDaniels

DATE OF BIRTH1/2/1970

APPEARANCE

CONTACT

Response Plan

⚠

Officer Safety

No curated safety concerns.

⛔

Triggers

Military service (WWII veteran who liberated a concentration camp)

Do not mention the name "Andrew Laeddis"

✓

Interaction Strategies

1. Smoking Cigarettes

2. Woodworking

Emergency Contacts

A blue circular logo with the white letters 'AV' inside.

CARE

openlattice.com/care/#/profile/7a920000-0000-0000-8000-000000010059

CARE

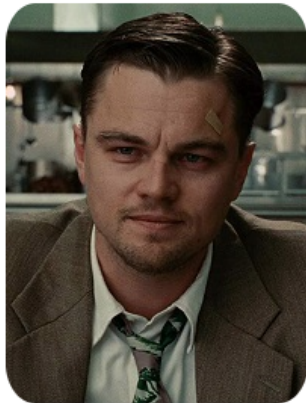
Iowa City PD

EDWARD DANIELS > PROFILE

Response

History

Create Report



FIRST NAMEEdward

LAST NAMEDaniels

DATE OF BIRTH1/2/1970

APPEARANCE

CONTACT

6 CRISIS CALLS IN THE LAST YEAR



Top Behaviors

Psychotic	8
Bizarre	5
Delusional	5

Top Safety Concerns

Violence	8
Injuries	2
Armed	1

Report History

 Crisis Report	10/8/2020
 Crisis Report	9/14/2020



CARE

openlattice.com/care/#/new-crisis

☆

CARE

Iowa City PD

EDWARD DANIELS > NEW CRISIS REPORT

Observations

☒ Served in military?

☐ Affiliated with University of Iowa?

Behaviors*

Select all that apply

Belligerent / Uncooperative	Bizzare, unusual behavior	Disorientation / Confusion	Disorganized speech / Communication
Disorderly / Disruptive	Hallucinations / Delusions	Hopeless / Depressed	Mania
Neglect of self care	Out of touch with reality	Paranoid	None

Suicide threat or attempt?*

Select only one

Threat	Attempt	None
--------	---------	------

Demeanors*

Select all that apply

CARE

openlattice.com/care/#/new-crisis

Chemically induced causes

Select all that apply

Alcohol

Illicit

OTC

Poison

Prescription

Assistance on Scene*

Select all that apply

Case Manager / Service Provider

Spouse / Partner / Girlfriend / Boyfriend

Family Member

Friend

Neighbor

None

Other

Housing*

Select only one

Stable Housing

Service Provider Housing

Homeless Shelter

Unsheltered Homeless

Unknown

Back

3 of 6

Next



CARE


openlattice.com/care/#/new-crisis

☆

CARE

Iowa City PD

EDWARD DANIELS > NEW CRISIS REPORT



Success!

You submitted a Crisis Report on 10/8/2020 for Edward Daniels

VISIT PROFILE →



Lessons Learned

- Police Officer as Program Manager
- C-Suite/Director Level Contacts
 - Not necessarily good place to start
 - Leverage existing relationships
 - Learn pain points
 - Customize presentation
- Legal and Technology expertise may be limited
- Small accomplishments add up



Next Steps

- Newly created position
- GuideLink
 - Behavioral Health Urgent Care Center
 - Many providers within same facility
 - How to share patient data
- Embedded Clinician
 - How to document work/benefits

Our mission:

To responsibly unleash the power of data for
the benefit of all Americans.



Data-Driven Justice

Johnson County, Iowa

David Schwindt

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