



Heroin: An Ongoing Epidemic

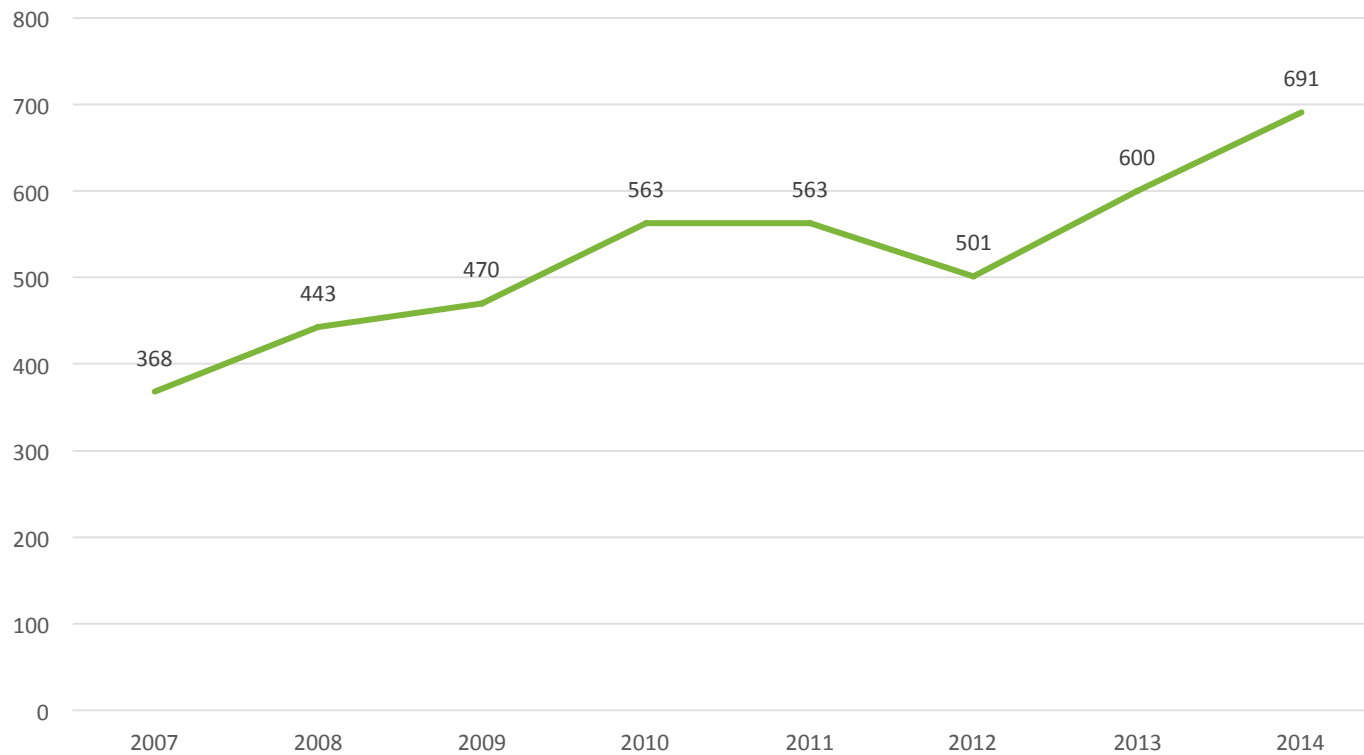
Brandon Costerison

Goals

- Identify Epidemic Nature of Opiate Misuse
- Understand Roots of Epidemic
- Discuss Steps to Mitigate Harms of Epidemic

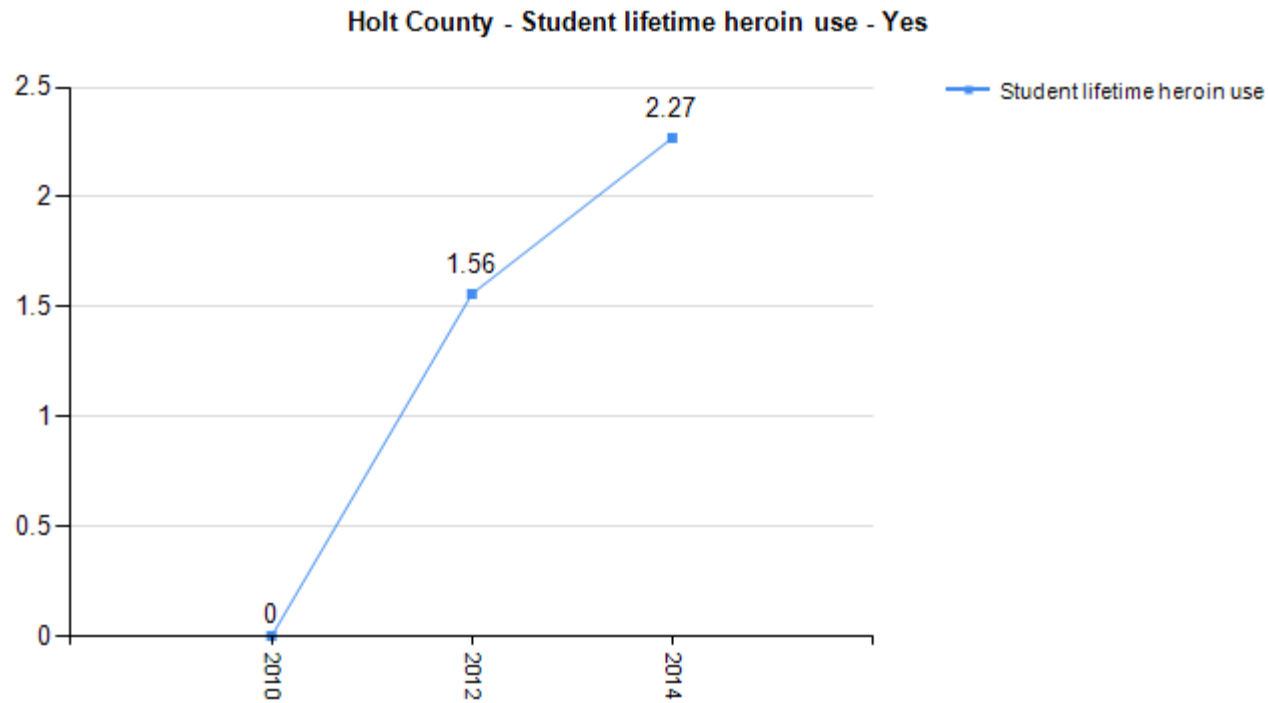
Missouri Heroin and Prescription Opiate Deaths

Opioid-Related Deaths: Missouri Occurrence



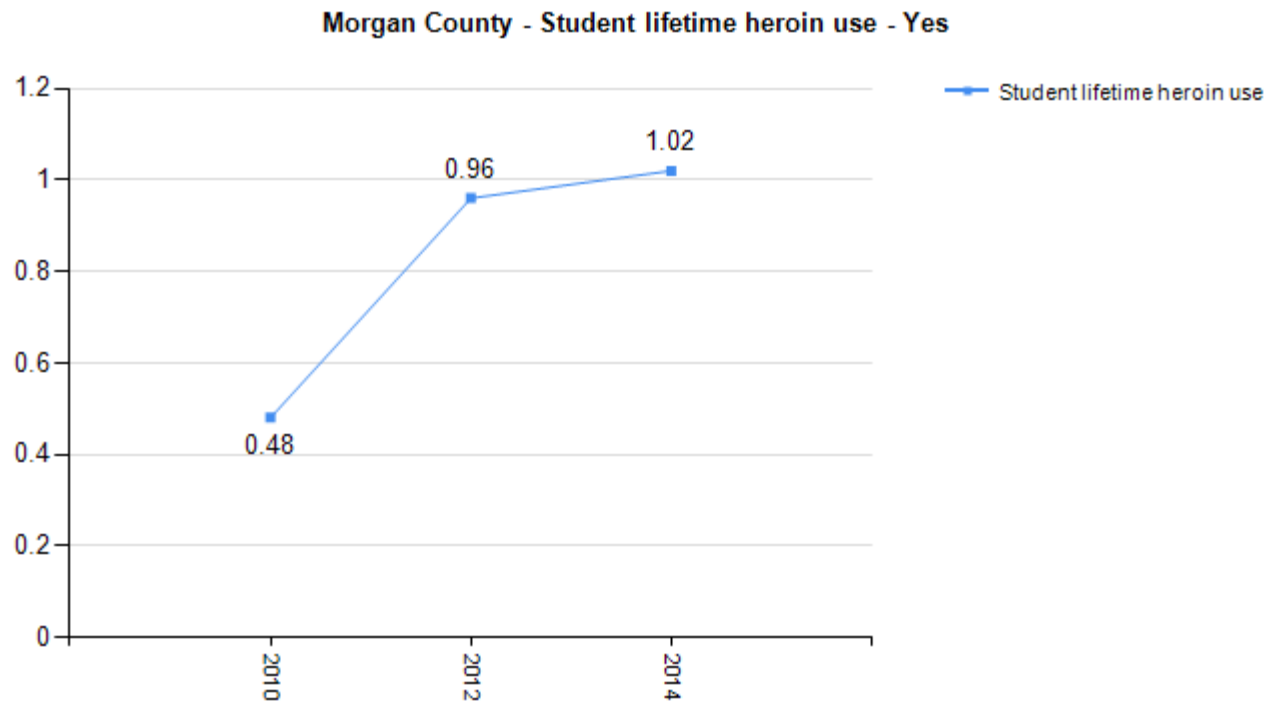
From Missouri Department of Health

Holt County Lifetime Heroin Use



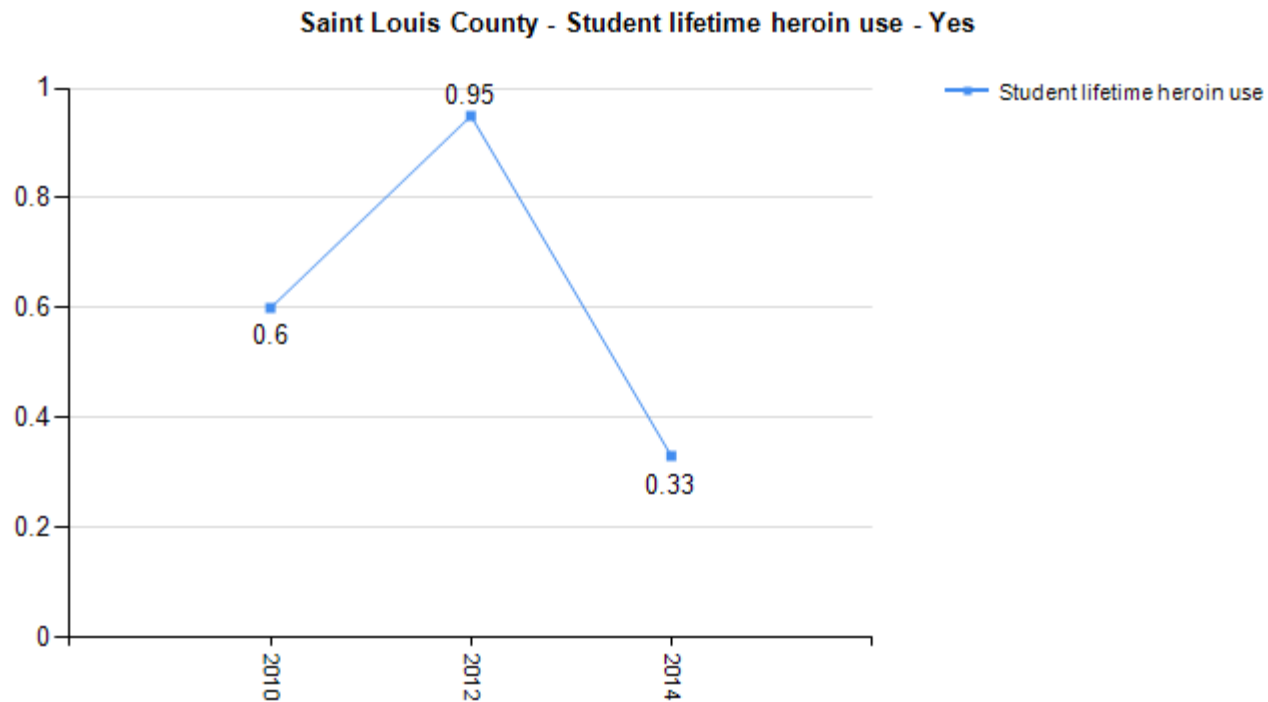
From: Missouri Department of Mental Health

Morgan County Lifetime Heroin Use



From: Missouri Department of Mental Health

St. Louis County Lifetime Heroin Use

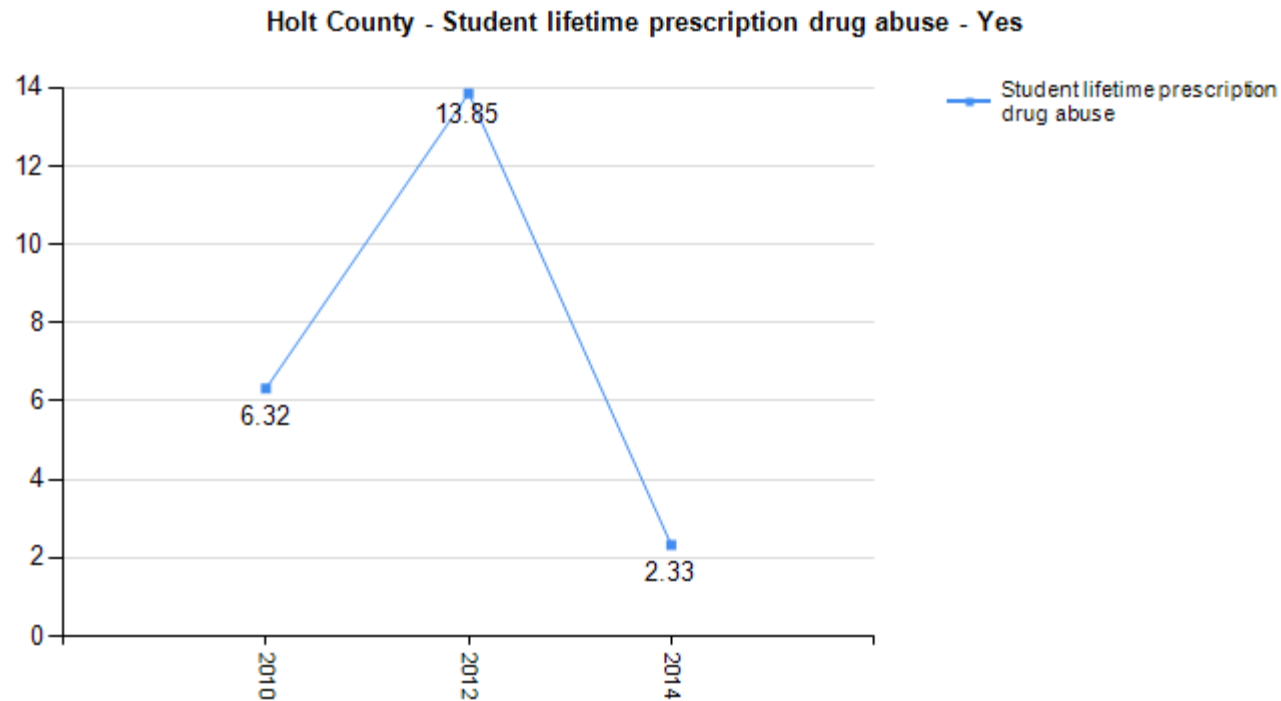


From: Missouri Department of Mental Health

The root of opiate use disorders

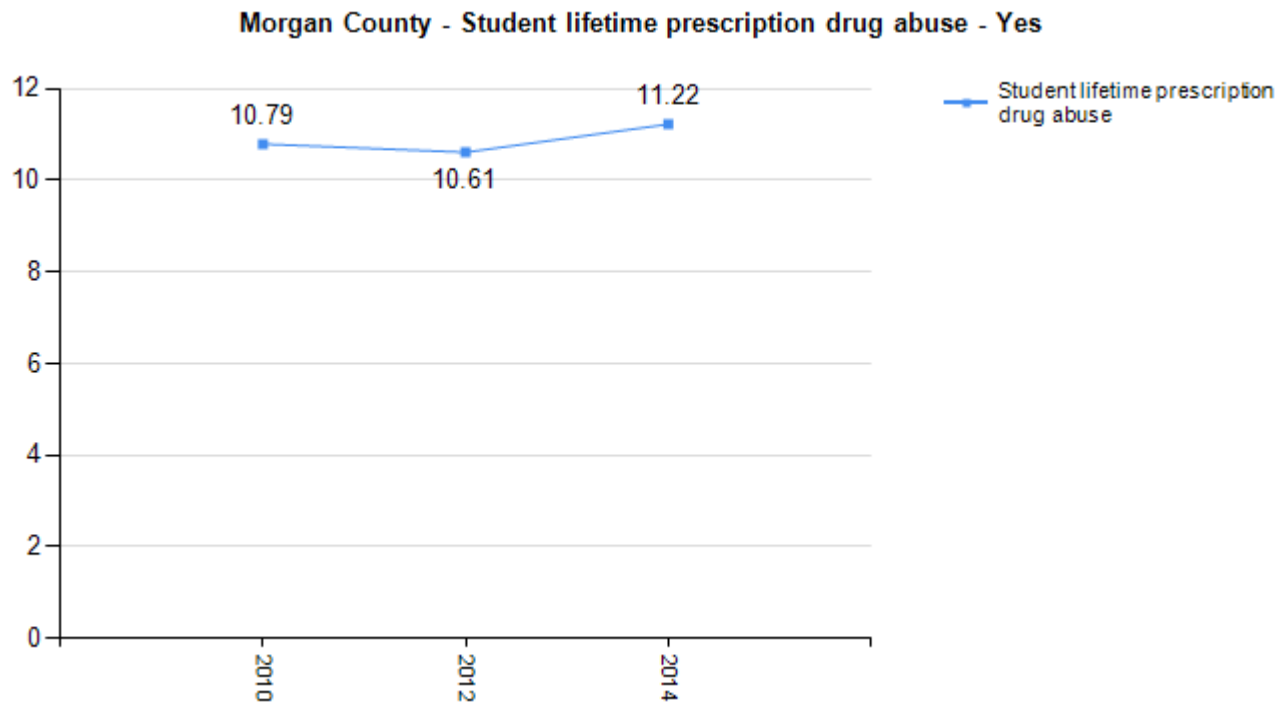


Holt County Prescription Drug Abuse



From: Missouri Department of Mental Health

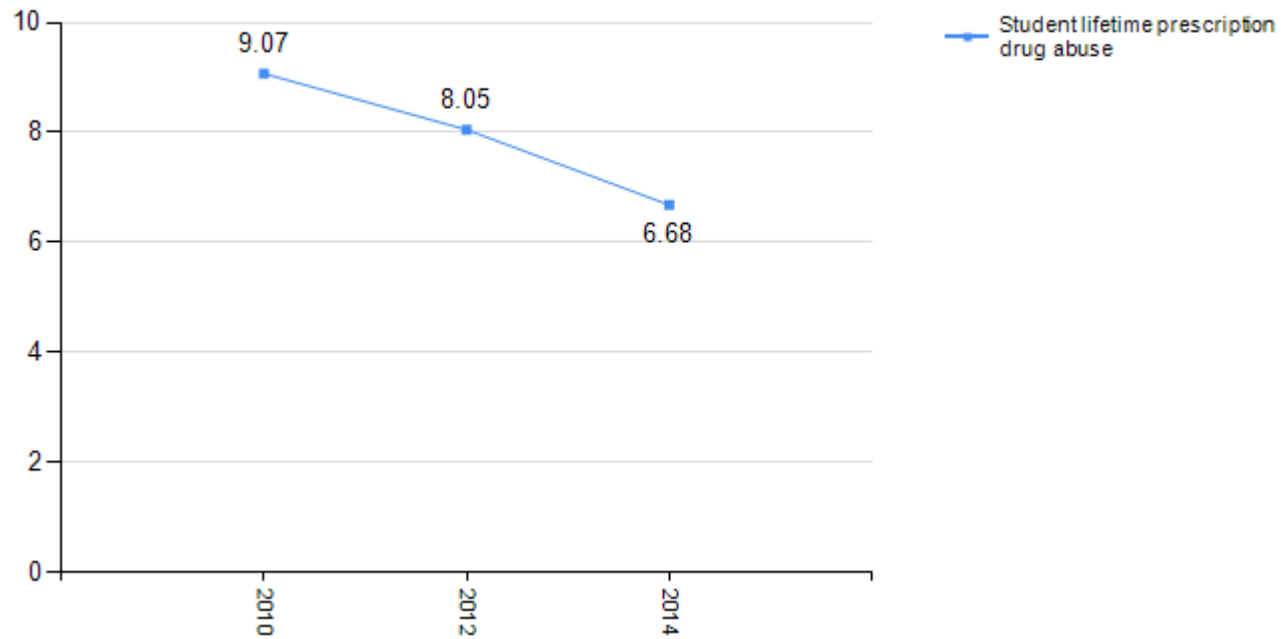
Morgan County Prescription Drug Abuse



From: Missouri Department of Mental Health

St. Louis County Prescription Drug Abuse

Saint Louis County - Student lifetime prescription drug abuse - Yes



From: Missouri Department of Mental Health

How does someone develop a substance use disorder?



Perception of availability (Very Easy or Sort of Easy)

Prescription Drugs

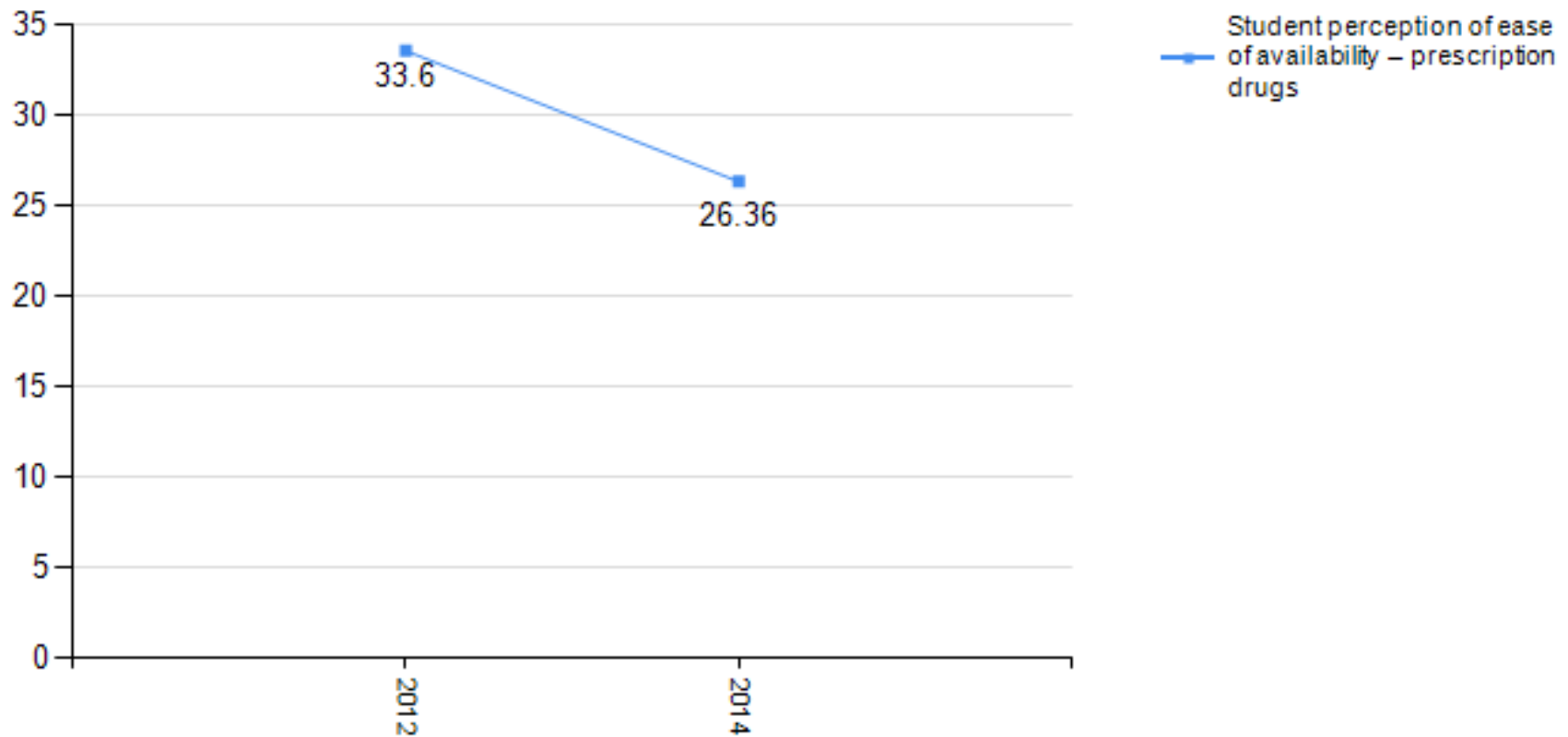
- Boone: 35.1
- Clark: 48.7
- Stone: 32.6

Marijuana

- Boone: 24.5
- Clark: 33.3
- Stone: 32.6

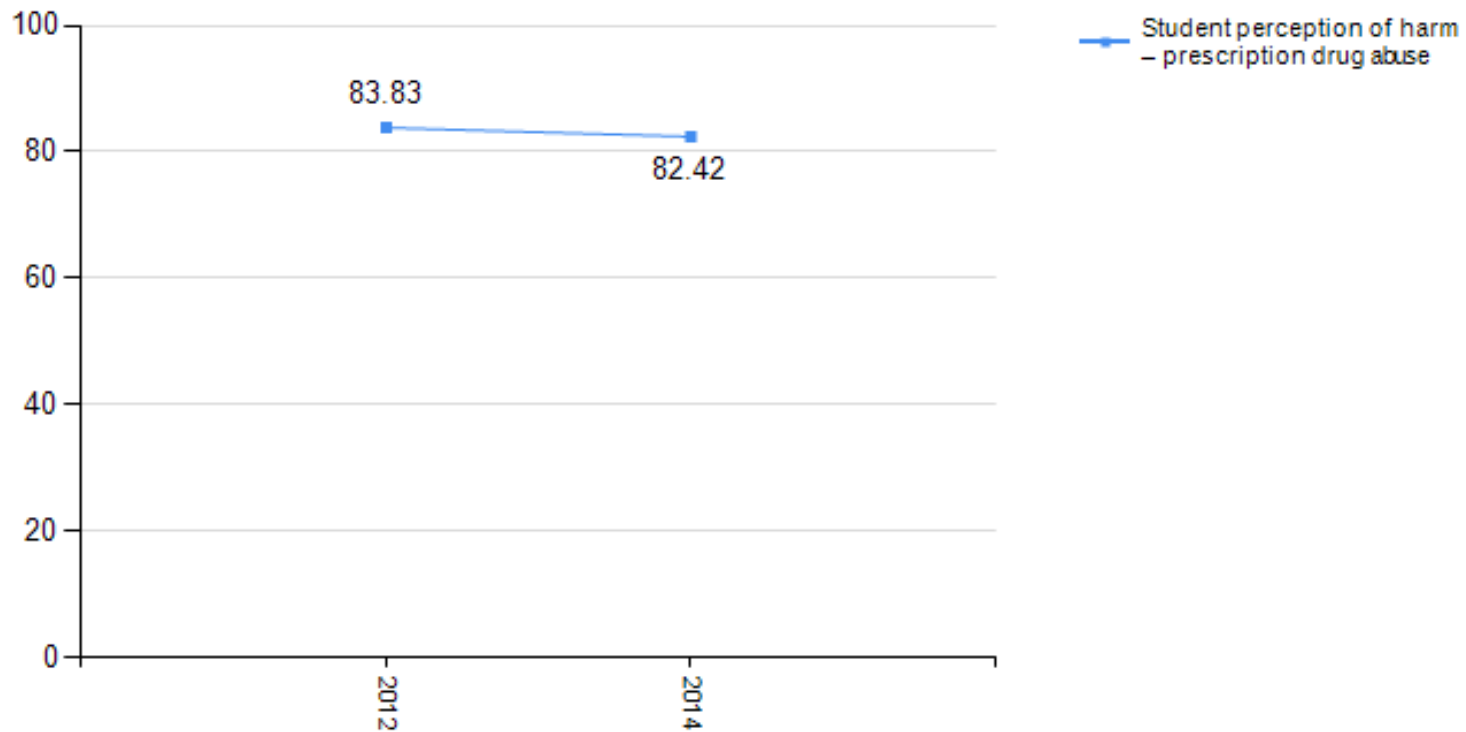
Jackson County: Rx Accessibility

Jackson County - Student perception of ease of availability – prescription drugs - Very Easy or Sort of Easy



Jackson County: Rx Drug Abuse Perception of Harm

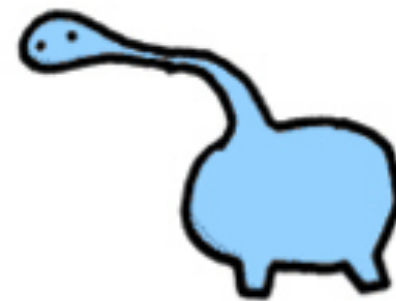
Jackson County - Student perception of harm – prescription drug abuse - Moderate or Great Risk



The best meal. Ever.



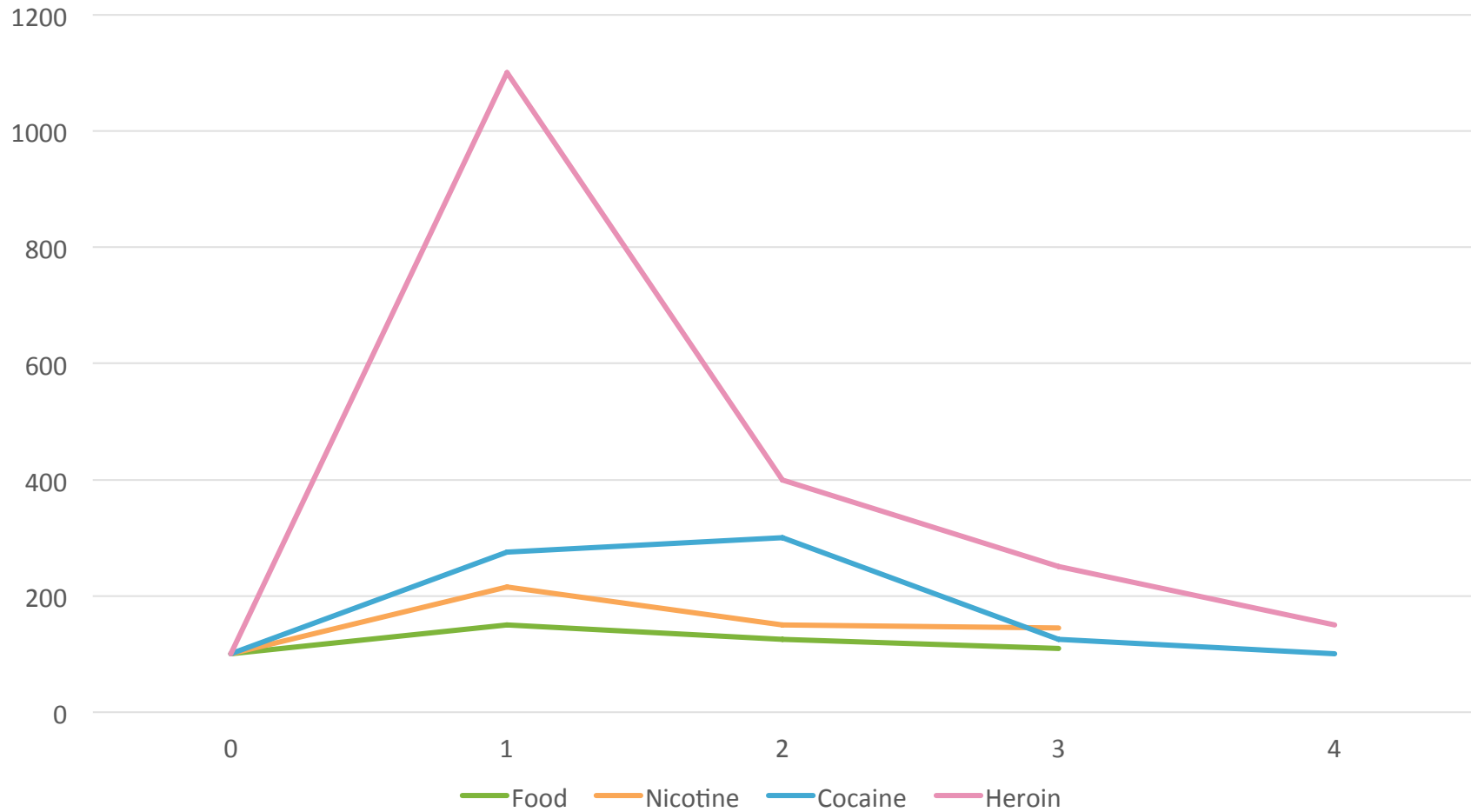
SEROTONIN & DOPAMINE



Technically, the only two things
you enjoy

Dopamine levels

Di Chiara et al 1988





Find the heroin



NOW WHAT?

Personal level

■ Awareness

- Attending events/meetings
- Start the conversation
- ThePlaceToTurn.com

■ Best practices

- Lock up current prescriptions
- Dispose of expired or unused medications



Community level

- Prescription Drug Monitoring Program (PDMP)
- 911 Good Samaritan Law
- Naloxone/Narcan Accessibility
- Expand Medicaid

Questions?

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