

HEROIN AND FENTANYL: LAB PERSPECTIVE

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KENTUCKY STATE POLICE

- Any opinions or points of view expressed are those of the presenter and do not necessarily reflect the official position or policies of the Kentucky State Police.



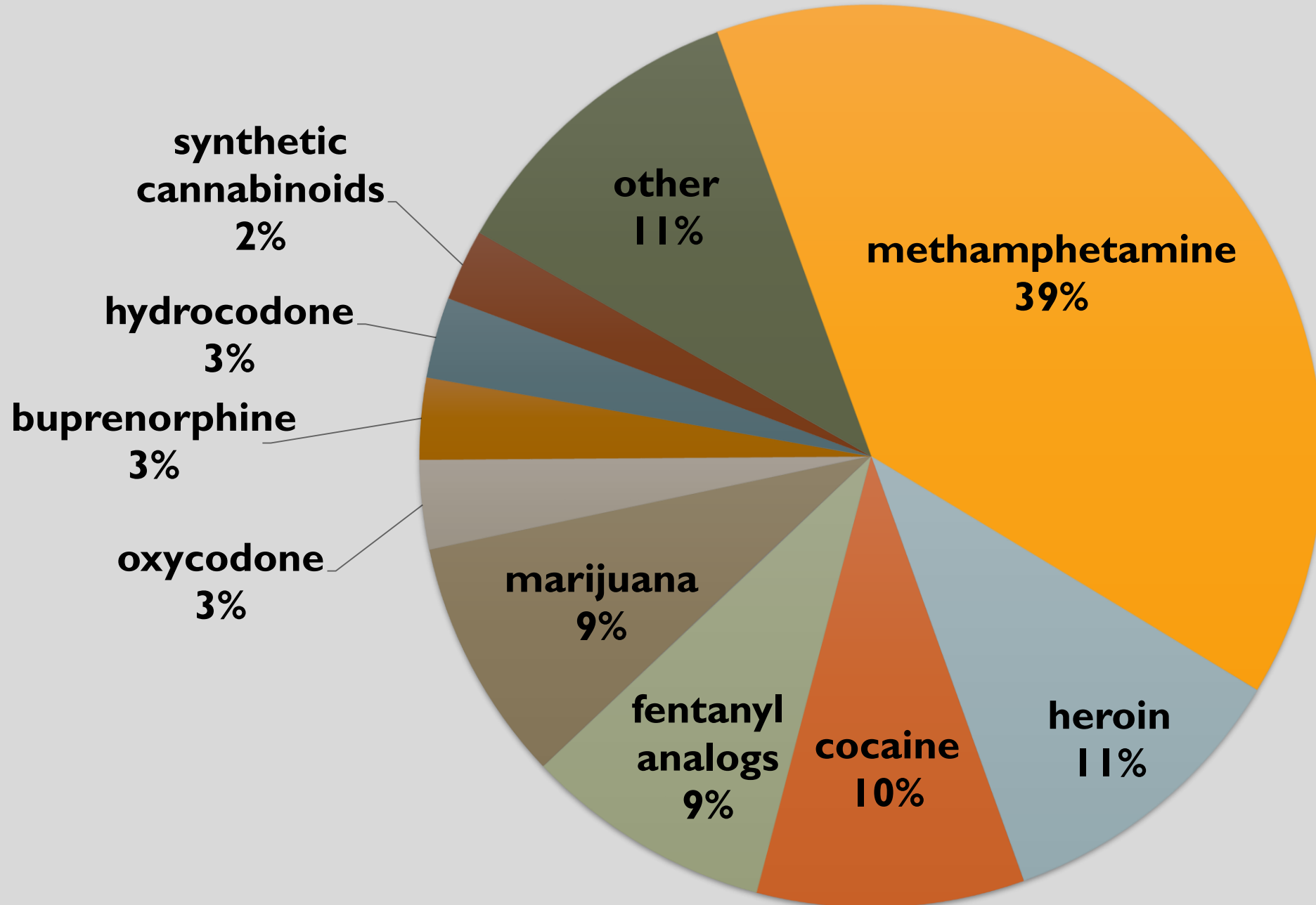
FINANCIAL DISCLOSURE

- No disclosures.

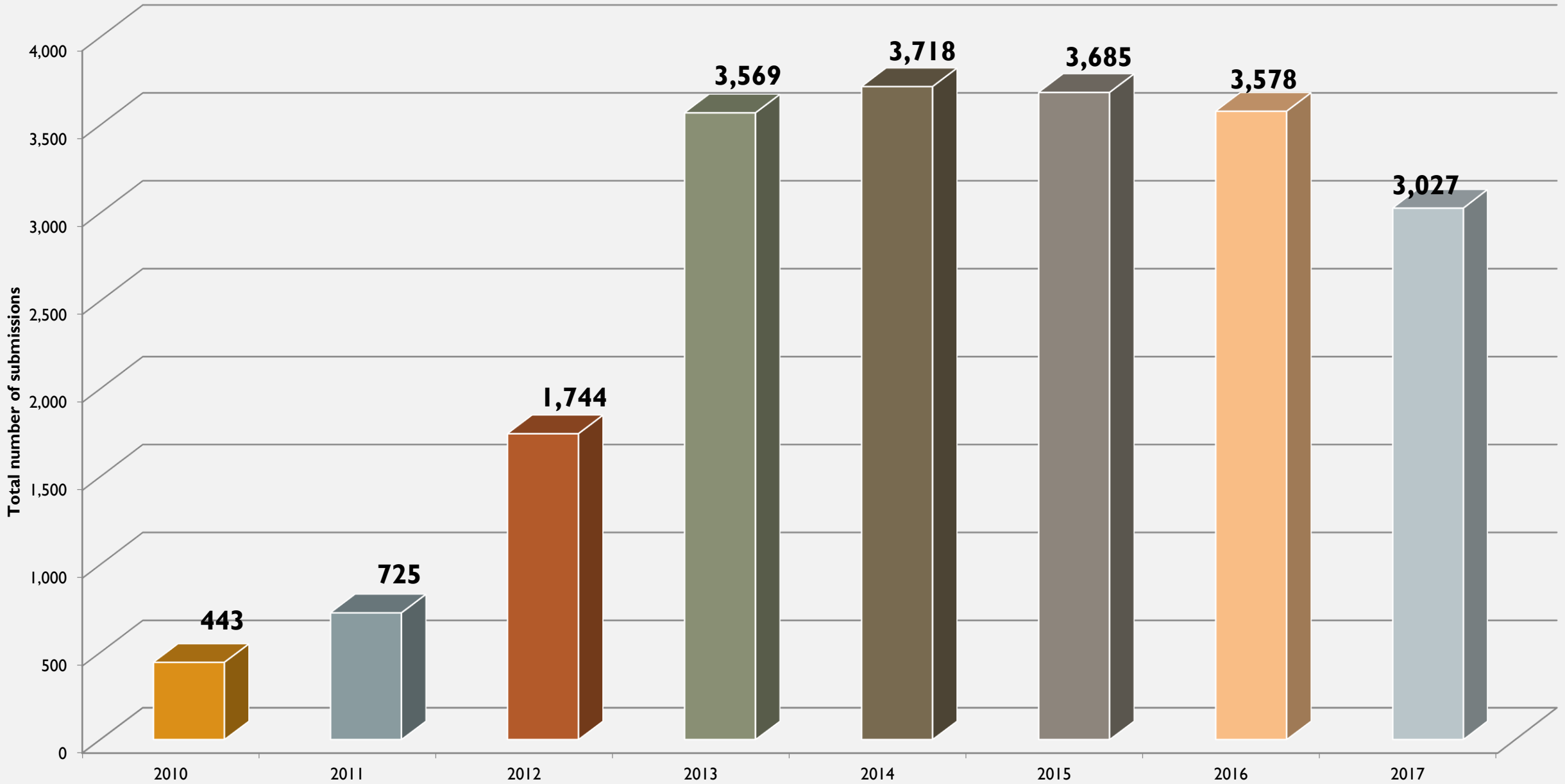
OBJECTIVES – LABORATORY PERSPECTIVES ON THE OPIOID PROBLEM

- Review recent trends in drug casework submissions
- Describe the role of fentanyl: a drug lab game changer

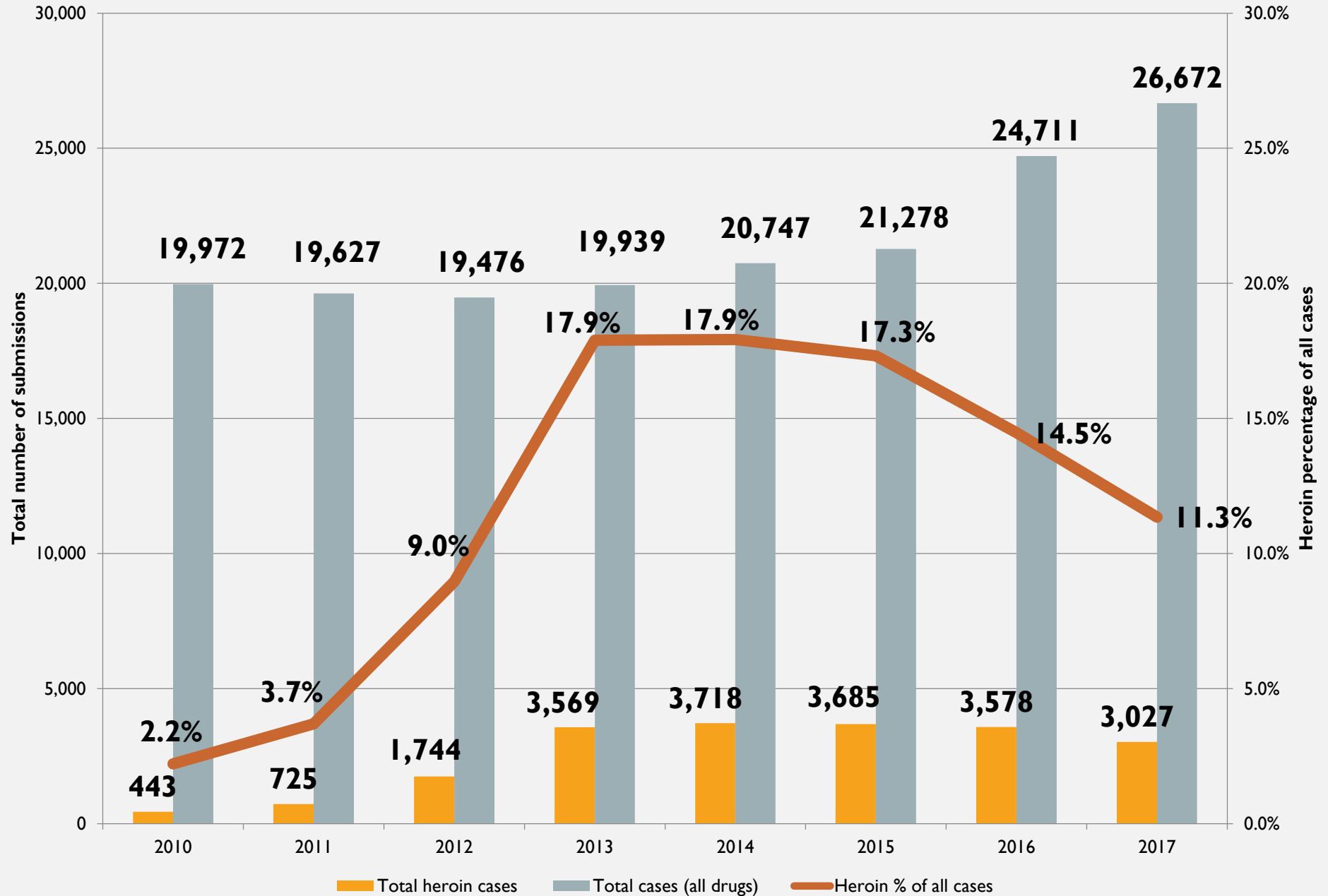
2017 Submissions to KSP Laboratories



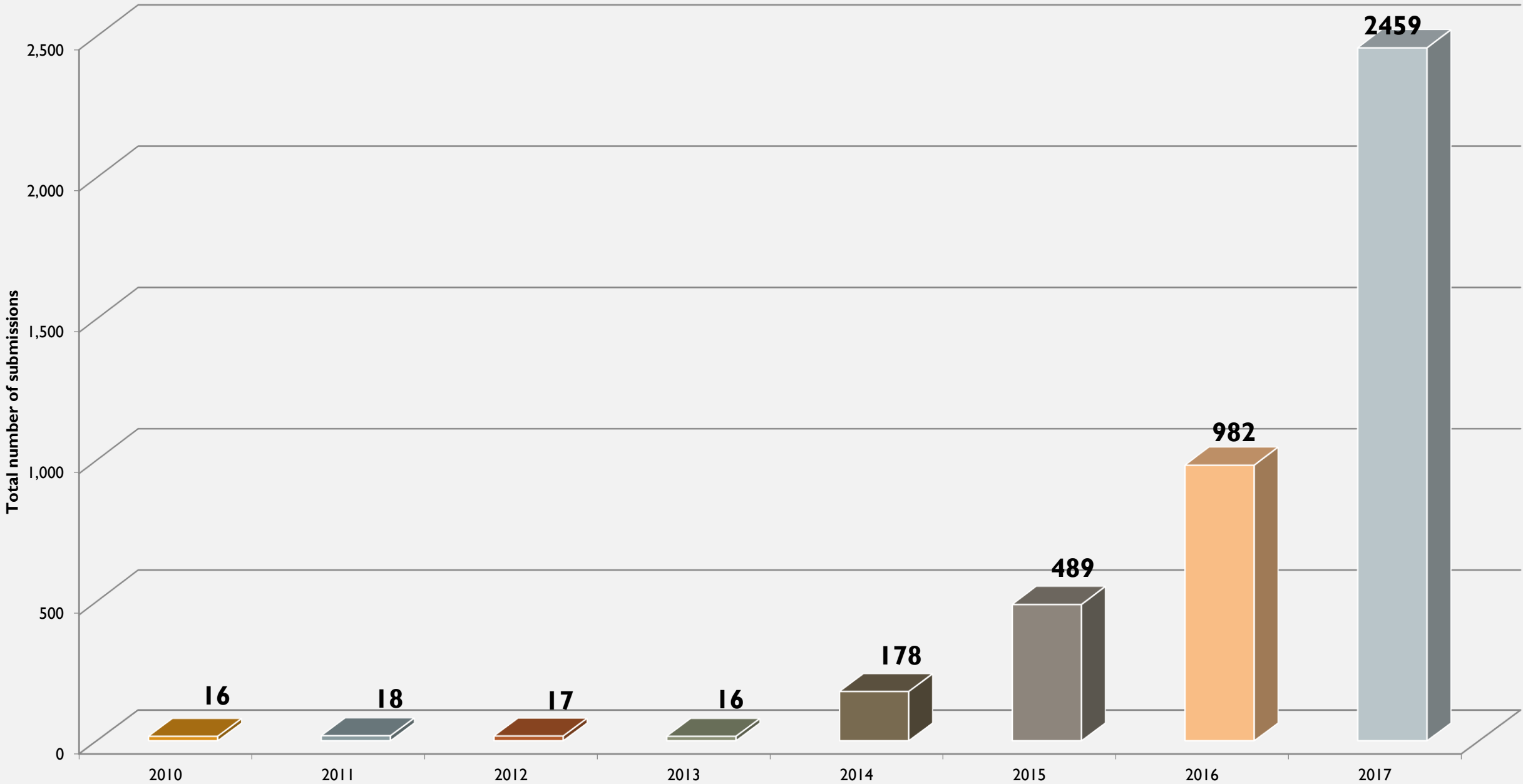
Kentucky State Police Laboratories 2010 – 2017 Total Heroin Submissions



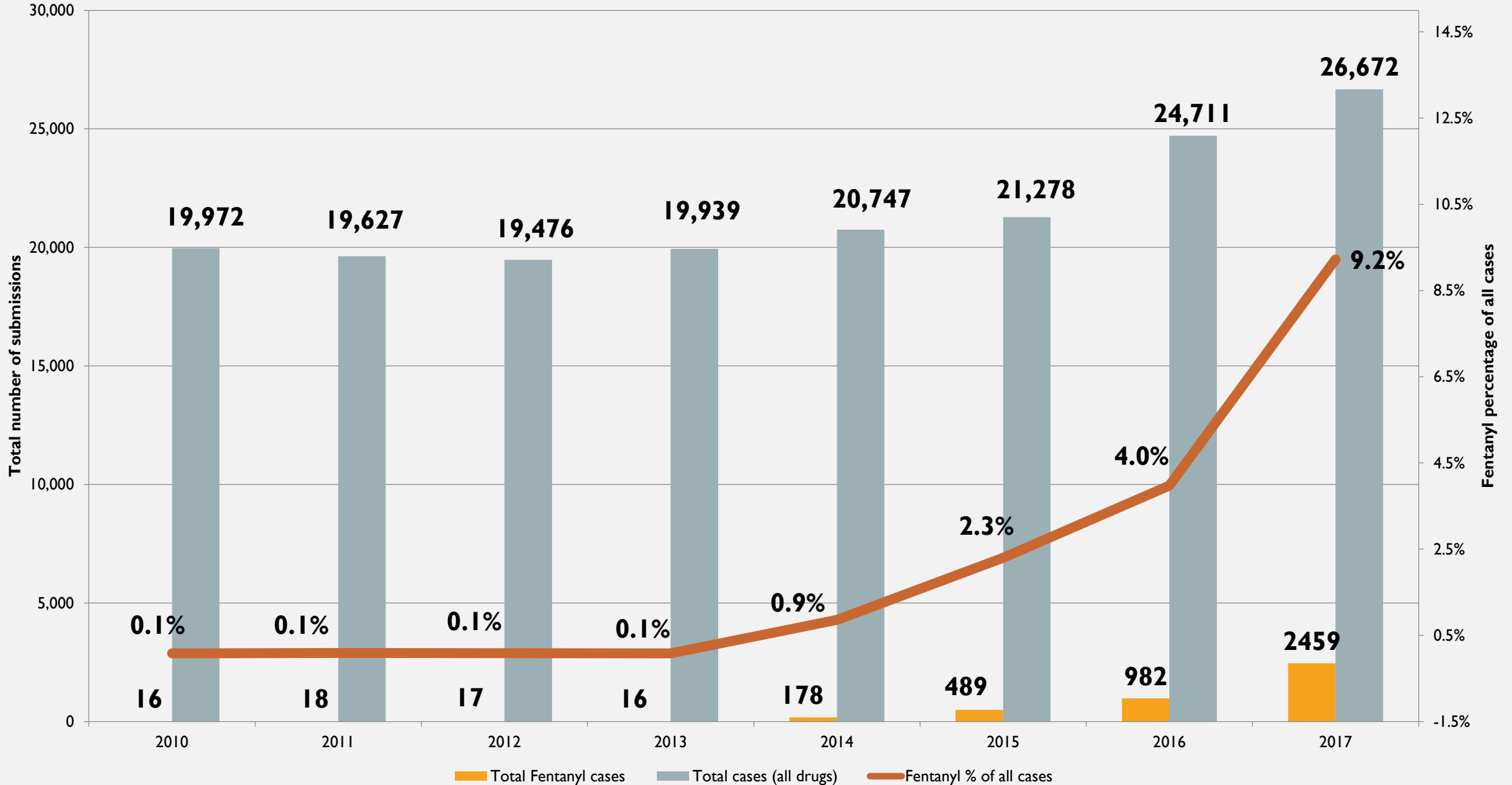
Kentucky State Police Lab 2010 – 2017 Heroin vs. Total Drug Comparison



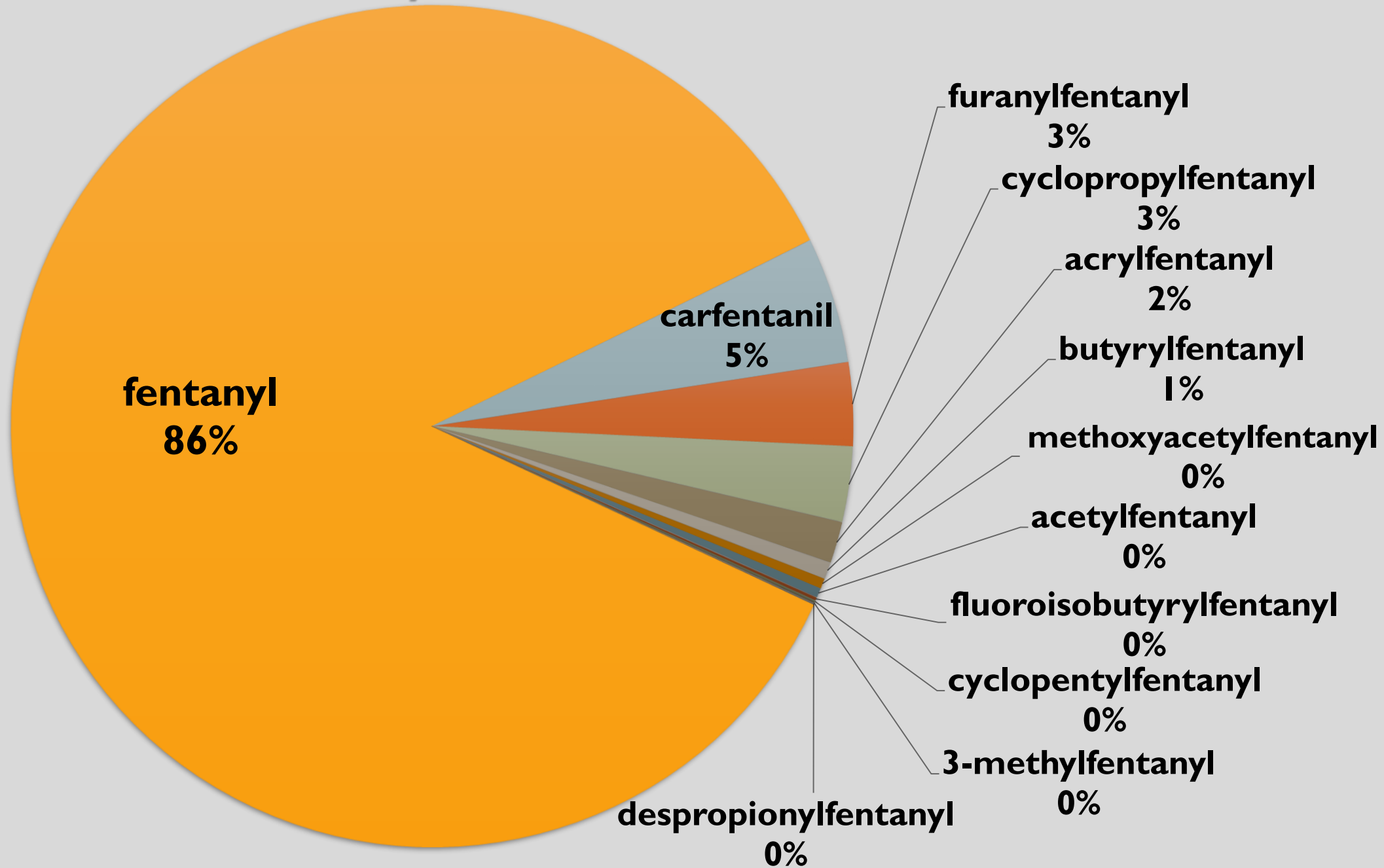
Kentucky State Police Laboratories 2010 - 2017 Total Fentanyl Submissions



Kentucky State Police Lab 2010 - 2017 Fentanyl vs. Total Drug Comparison



2017 Fentanyl Derivative Submissions



LETHALITY OF FENTANYL



DANGER TO PUBLIC SERVANTS

Fentanyl linked to thousands of urban overdose deaths

18 Pittsburgh cops sent to hospital after possible fentanyl exposure during ICE raids

3 nurses revived after fentanyl exposure at Ohio hospital

CPD officer hospitalized for possible fentanyl exposure

Officer came into contact with substance at police station



NEW PROTOCOLS FOR KSP LABS

- Universal precaution / Safety
 - Gloves, masks, fume hoods
 - Narcan
- Evidence
 - Notification stickers
 - Return if not packaged properly



SUMMARY

- Heroin use has significantly gone up in the past 7 years
- Fentanyl is on the rise
- Lab safety protocols have changed
- In-court procedures may need to, as well



WHAT'S NEXT?

- Gabapentin (Neurontin) mixtures
- Counterfeit tablets
 - synthetic cannabinoids
 - Fentanyl derivatives
- Phencyclidine (PCP) analogues
 - 3-Methoxyphencylidine (3-MeO PCP)



THANK YOU!

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