



# Indiana Oral Fluid Program

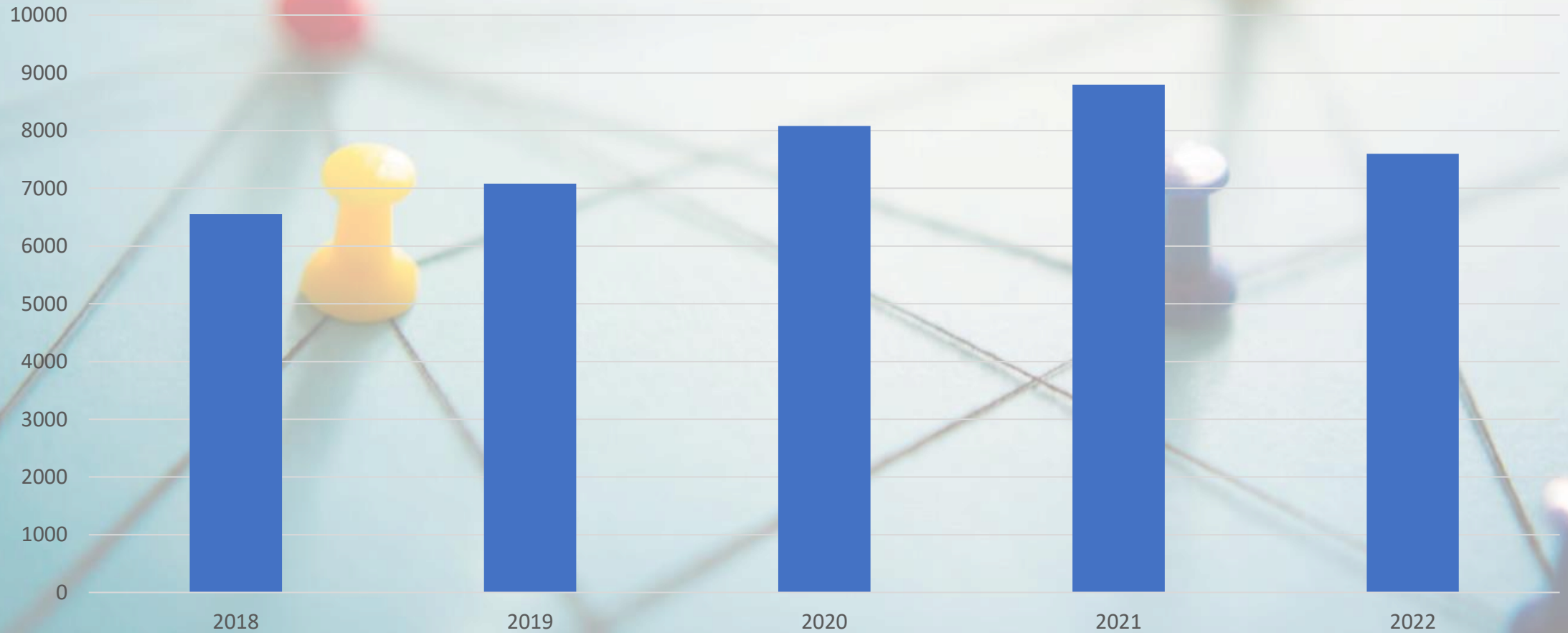
Indiana Criminal Justice  
Institute

ICJI

# WHY

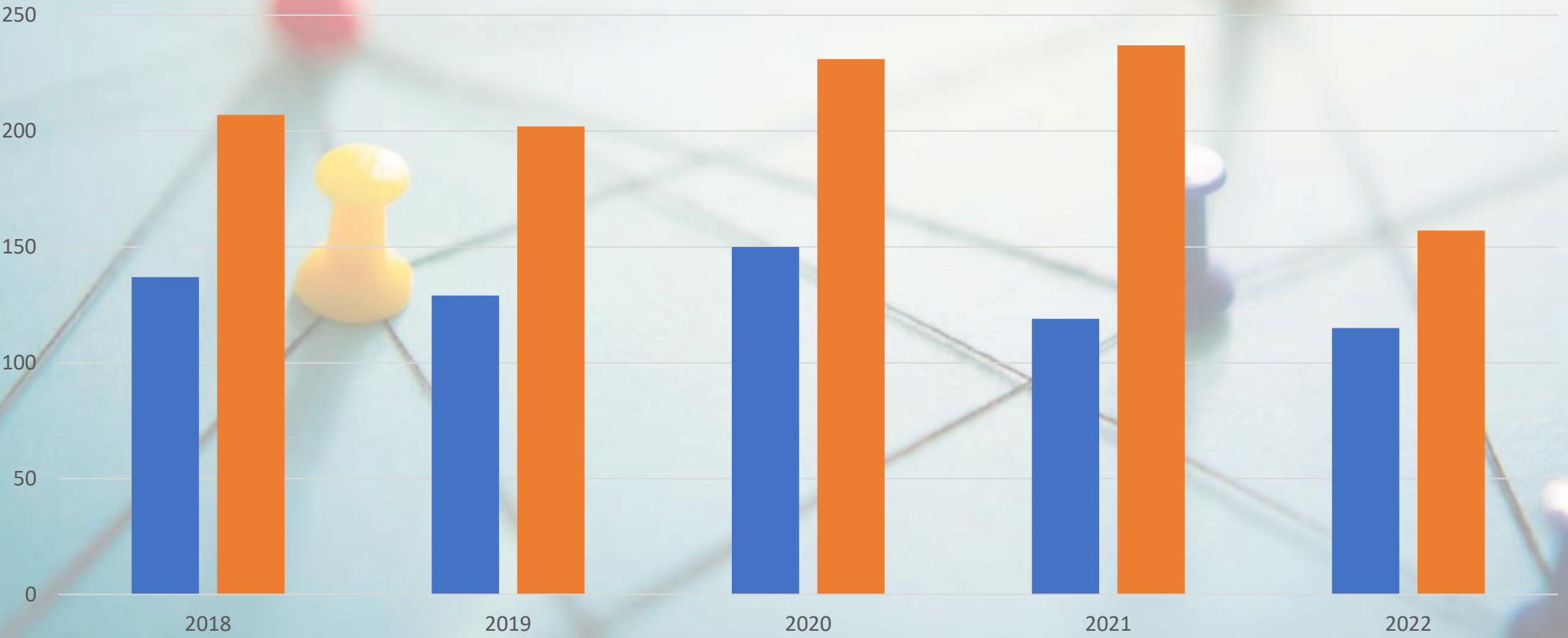
- ▶ Increase effectiveness of DUI enforcement thereby reducing impaired driving and DUI related fatal crashes
- ▶ Gain an understanding of oral fluid testing principles and the proper operation of oral fluid testing instruments
- ▶ Understand the changing topography surrounding Indiana increasing the need for roadside drug screening.

# Drug Sample Submissions to State Lab





# Alcohol vs Drug Positive



2020

- ▶ 80 oral fluid analyzers issued to Officers across Indiana with the emphasis on urban areas.

▶ 110 uses

# 2021

The focus was changed to concentrate on training and data collection.

879 Total uses

# 2022

The focus shifts to equal usage between urban and rural areas.

ARIDE – ARIDE –  
ARIDE almost 500  
Officers

(Advanced  
Roadside  
Impaired Driving  
Enforcement)

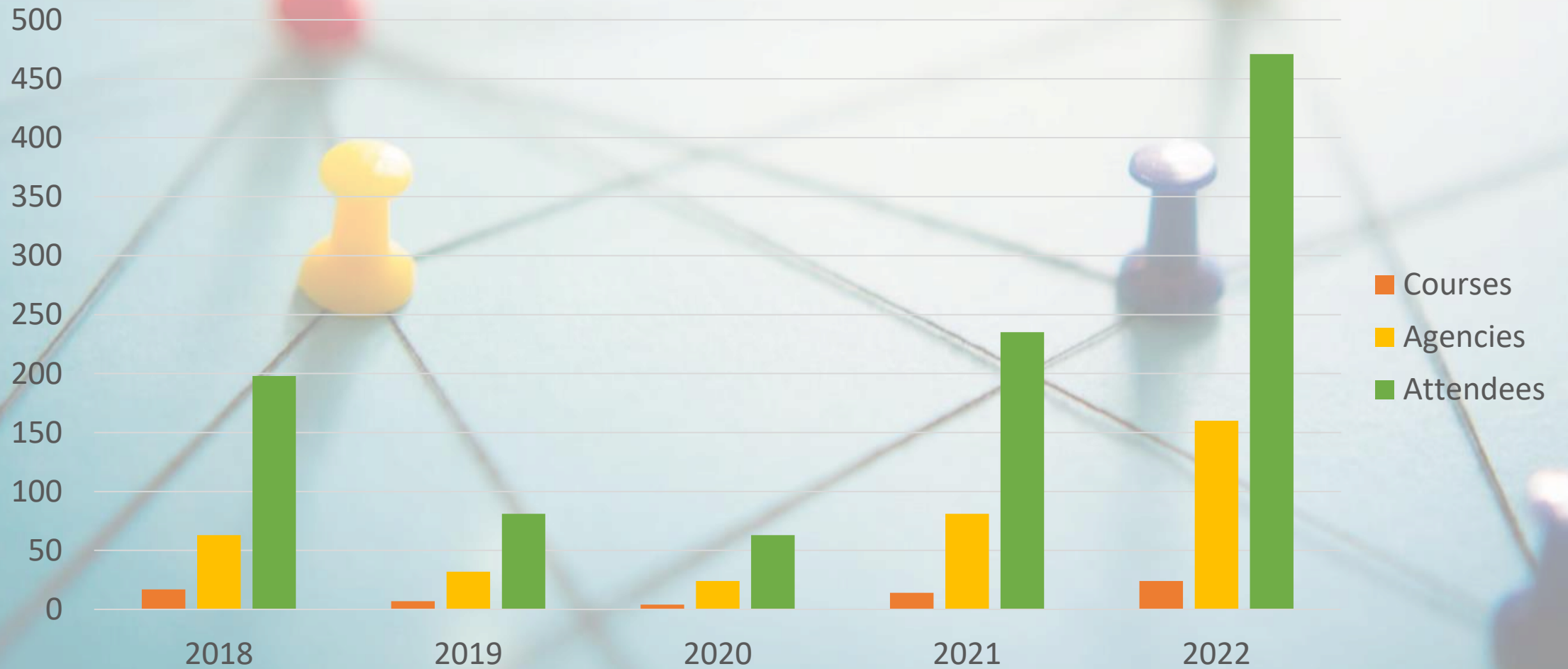
782 uses

# ARIDE Training in Indiana

| Courses | Courses | Agencies Represented | Attendees |
|---------|---------|----------------------|-----------|
| 2018    | 17      | 63                   | 198       |
| 2019    | 7       | 32                   | 81        |
| 2020    | 4       | 24                   | 63        |
| 2021    | 14      | 81                   | 235       |
| 2022    | 24      | 160                  | 471       |



# ARIDE Training in Indiana

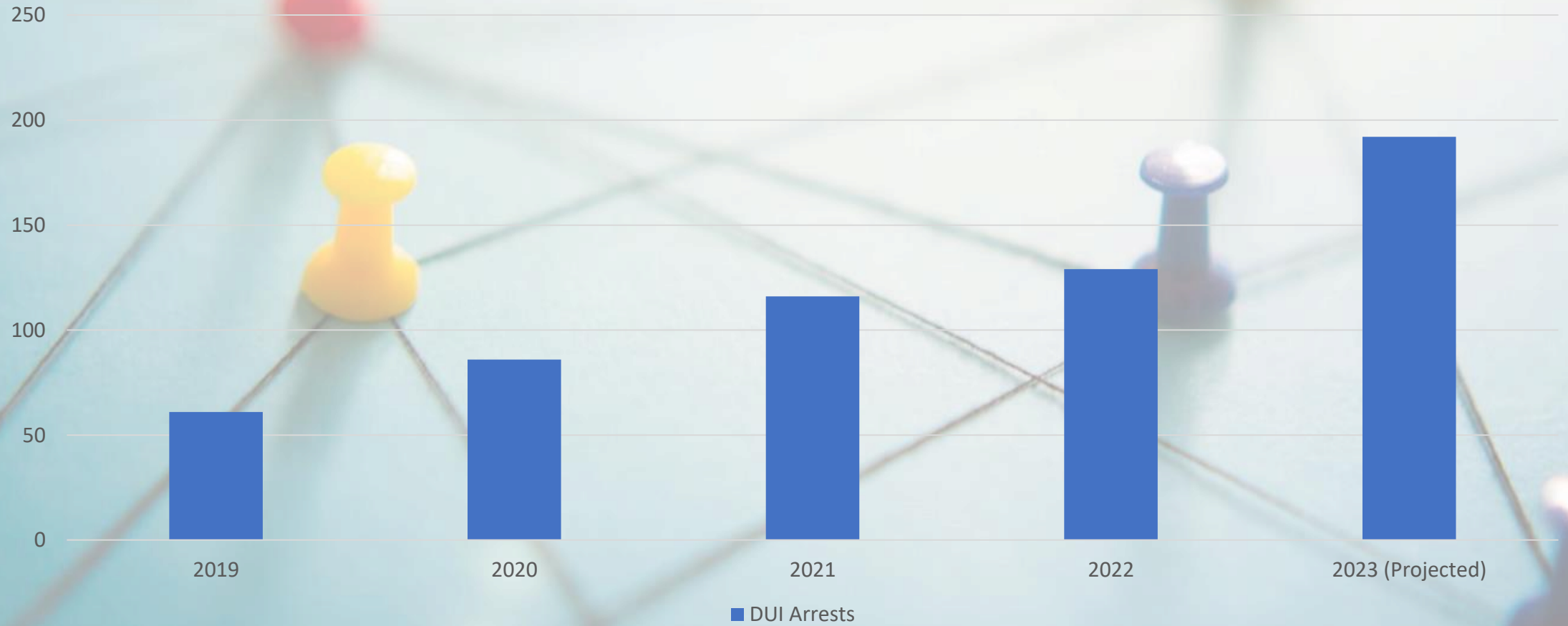


# Crawfordsville, Indiana

Lt. Matthew Schroeter

- 2019 - 61 OWI arrests (2 ARIDE trained)
- 2020 - 86 OWI arrests (5 ARIDE trained)
- 2021 - 116 OWI arrests (10 ARIDE)
- 2022 - 129 OWI arrests (15 ARIDE trained)
- 2023 - 112 OWI arrests (20 ARIDE trained)
- 2023 - 192 projected OWI arrests

# Crawfordsville Indiana



# ARIDE Training in Indiana

*“Since attending ARIDE in 2022, my OWI arrest rate went up 67% just in that year alone prior to the previous year.*

*I am on track to have an additional 20% increase this year.*

*ARIDE saves lives and I highly recommend every officer to attend ARIDE at least every two years to stay sharp with OWI Investigations as it is a perishable skill. ”*

Johnathan R. Wells - Martin County Sheriff's Office

# 2023

- ▶ More ARIDE – a lot more
- ▶ THE Indiana State Police – 14 instruments
- ▶ Over 1,000 uses so far
- ▶ 124 uses by Troopers



POLY POSITIVE  
47%

3,000 Tests

THC 67%



# Indiana: Benchmark for SUCCESS

- Significant increase in submissions to lab for drug analysis:
  - **61 of 92 (78%) of counties increased submissions by 15% or more.**
  - **42 of 92 (46%) of counties increased submissions by 50% or more.**
  - **71.1% of submissions positive for one or more drugs (6,246 vs. 6,720).**
  - **THC positives increased from 40.4% in 2019 to 53.4% in 2021 (+13%).**

# RESULTS

Program launched in November 2020 with phased rollout.

Statewide implementation at local level; ARIDE-trained officers.

## Indicators of success:

- Increase in identification of drug-impaired drivers including drivers under the influence of multiple drugs.
- Increase in DRE drug evaluations.
- Increase in drug submissions to forensic laboratory.
- Increase in officer engagement with training (all-time high participation in ARIDE trainings).

## Keys to success:

- Engage all stakeholders early to obtain input and buy-in during planning phase.
- Focus on ARIDE-trained over DRE; identify oral fluid training opportunities.
- Develop a plan to collect data and evaluate the program (i.e., measure impact).

# Additional Tools: Oral Fluid Testing

*“We first received the Oral Fluid Testing units in the fall of 2020. From 2019 to 2020 we saw a 210% increase in DRE evaluations. From 2020 to 2021, we saw an additional 153% increase in DRE evaluations (first full year of Oral Fluid Testing). For the 3.5 years we have been using Oral Fluid Testing, we have seen a 228% increase in DRE evaluations when compared to 2019.”*

Sgt John Kreiger – Fort Wayne Police Department

# Additional Tools: Oral Fluid Testing

*“In the 3 years prior to Oral Fluid Testing, I averaged 2.4 calls a year for evals. In under 2 years of having Oral Fluid Testing, I am currently averaging 8 calls for evals a year.”*

*Even on negative results, we’re getting calls. The mere fact that the officer saw impairment and took that step to confirm the impairment was by drug, caused them to feel more confident in calling a DRE out even though it was negative.”*

Matthew Kling – Angola Police Department

# Additional Tools: Oral Fluid Testing

## DRE Evaluations Involving Oral Fluid:

2021 – 34%

2022 – 39%

2023 – 56%

# Oral Fluid Testing

## OWI Arrests Involving Oral Fluid:

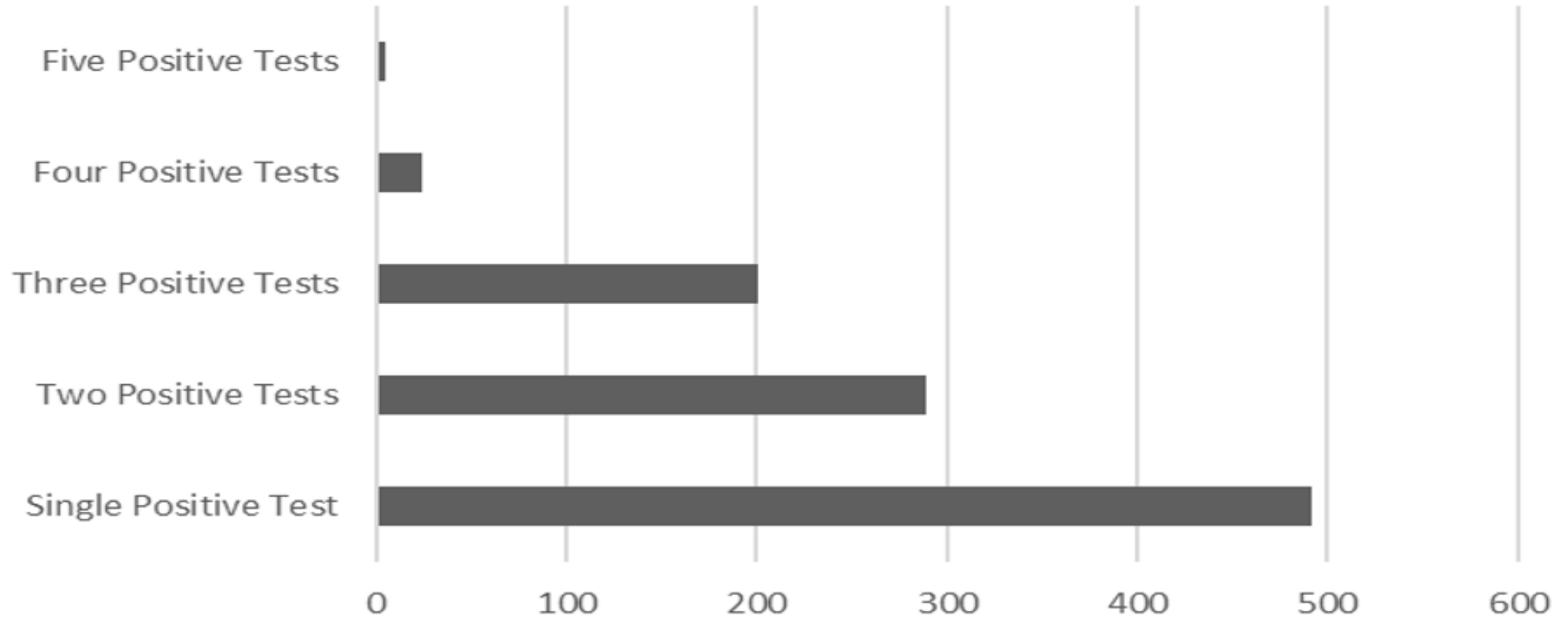
2021 – 78%


2022 – 78%

2023 – 67%



## Number of Positive In a Single Test





# ACCURACY OF ORAL FLUID, DRE OPINION COMPARED TO TOXICOLOGY

The overall results were confirmed by blood results 81% of the time for the 6 drugs it tests for.

- When Benzodiazepines are removed, the Sotoxa was 91% confirmed by toxicology.
  - There were very limited benzodiazepine positive results in the study.
  - ISDT has lower thresholds for detection of BZO and Sotoxa only detecting Temazepam

The DRE opinion was confirmed by toxicology 90% of the time for all drugs present.

- Limited testing panels at ISDT

Legislative actions that can be taken

Ensure

Ensure that Roadside Oral Fluid Testing is an available option for law enforcement

Ensure

Ensure that your state lab has the funding and personnel needed to test for both Alcohol and Drugs

Ensure

Ensure that ARIDE is being taught to law enforcement

# Oral fluid Operator Training

01

Attend initial training course provided a Qualified Trainer

02

Participate in laboratory exercises

03

Pass final online examination with a score of 100%

# WHY

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QUESTIONS?

