

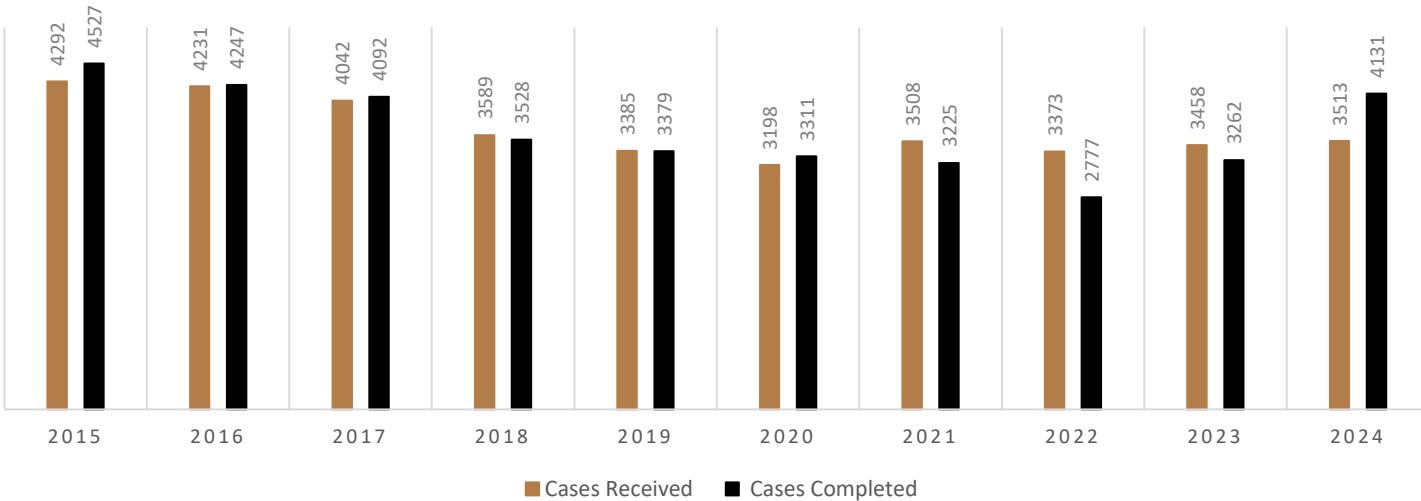


# Oklahoma State Bureau of Investigation Annual Toxicology Trends

CY2024

## 2015-2024 CASE TRENDS

### OSBI TOXICOLOGY TOTAL CASES RECEIVED AND COMPLETED: TEN YEARS



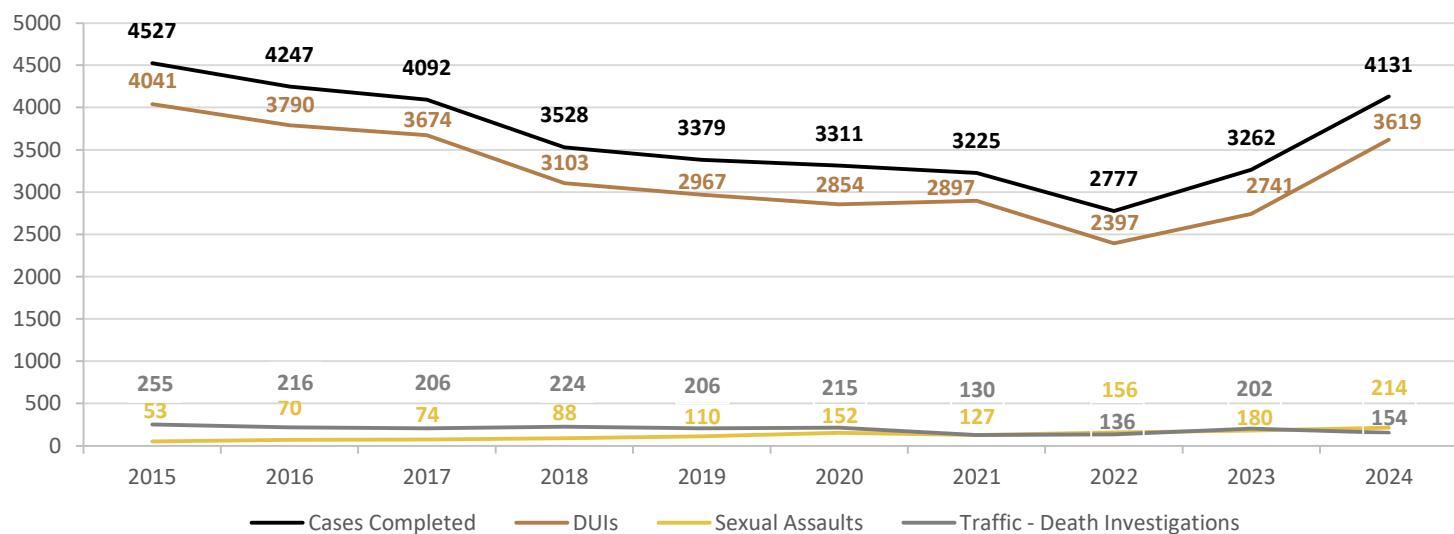
Turnaround time?

\*The turnaround time went from a peak of 134 days to 89 days.

≈33.3%

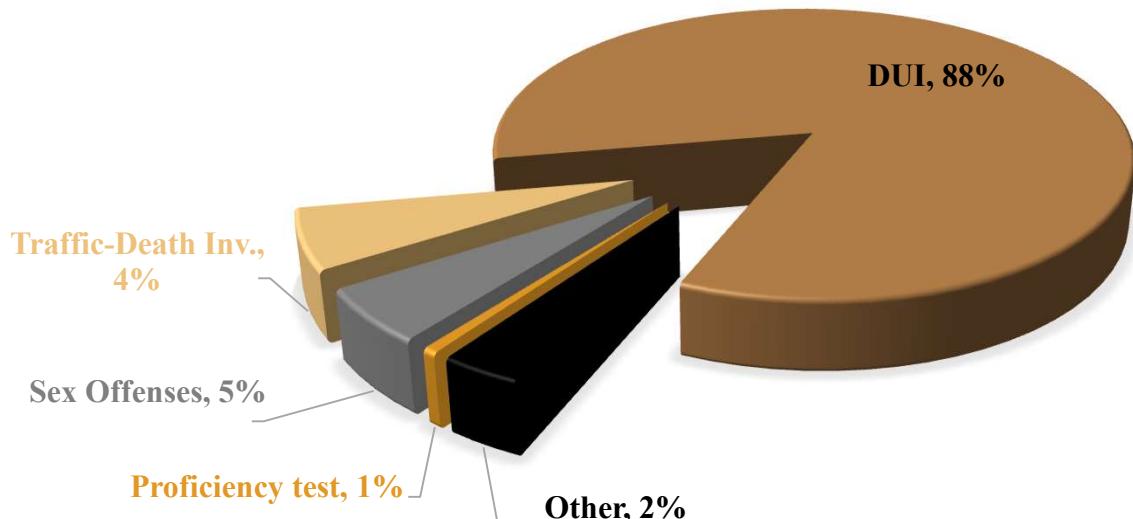
Turnaround time reduction rate

### TEN YEAR TREND BREAKDOWN: TOTAL CASES COMPLETED BY CASE TYPE



# 2024 CASE TRENDS

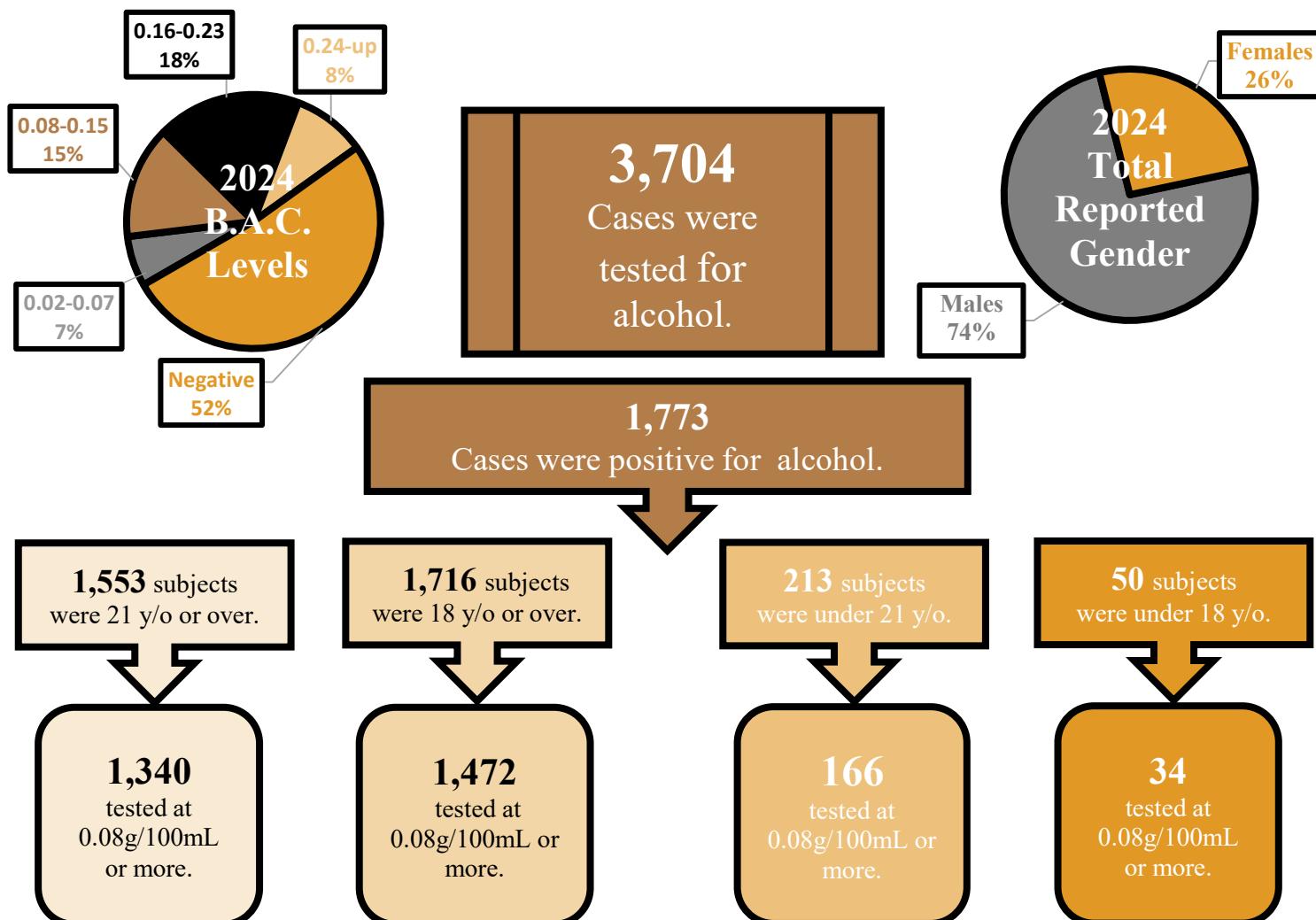
## CASE COMPLETED BY CASE TYPE



\*Proficiency test = an external quality and accuracy assessment process that is used to monitor competency of personnel and the quality of the results provided by the analysts and lab system.

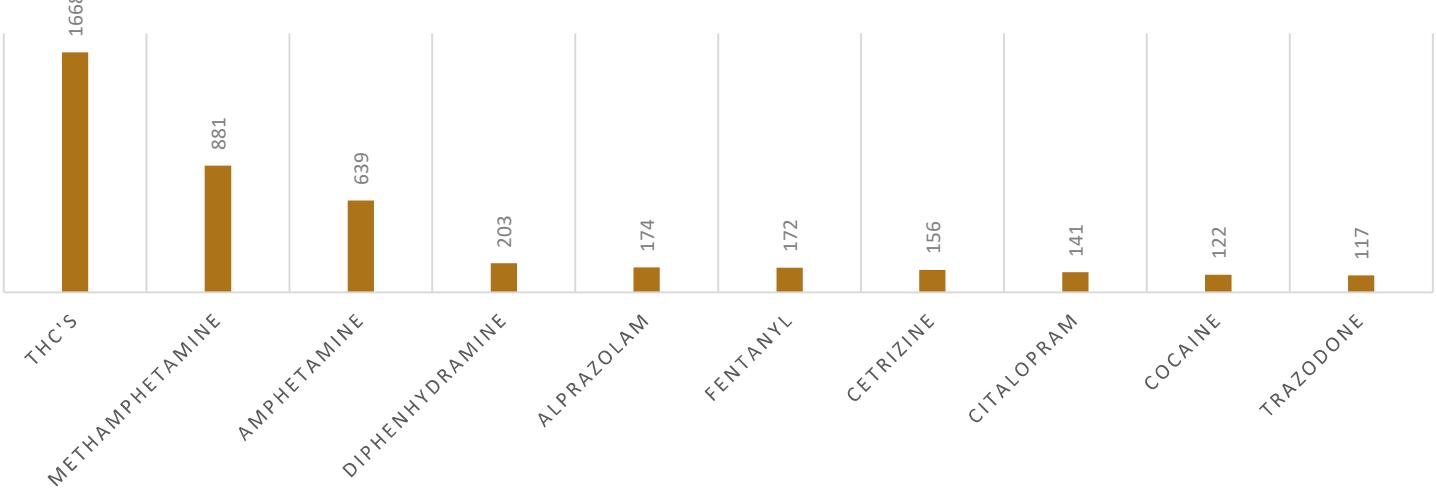
## 2024 B.A.C. LEVEL TRENDS

\* B.A.C. = Blood Alcohol Content



# 2024 DRUG TRENDS

## TOP TEN DRUGS OF 2024



\*Cases may have more than one drug identified.

**130**  
different drugs  
were reported in  
2024.

Of those 130  
drugs,  
**12 different**  
**Benzos** were  
observed.

Benzos  
accounted for  
**≈14%** of  
the drugs  
reported in  
casework.

Of those 130 drugs,  
**16 different Anti-**  
**depressants** were  
observed.

Anti-depressants accounted  
for **≈22%** of the drugs  
reported in casework.

### Top 5 results in Traffic - Death Investigations cases

1. No drugs detected
2. Cannabinoids
3. Methamphetamine
4. Amphetamine
5. Fentanyl

### Top 5 results in Sex Offense cases

1. No drugs detected
2. Methamphetamine
3. Amphetamine
4. Cannabinoids
5. Cetirizine

