

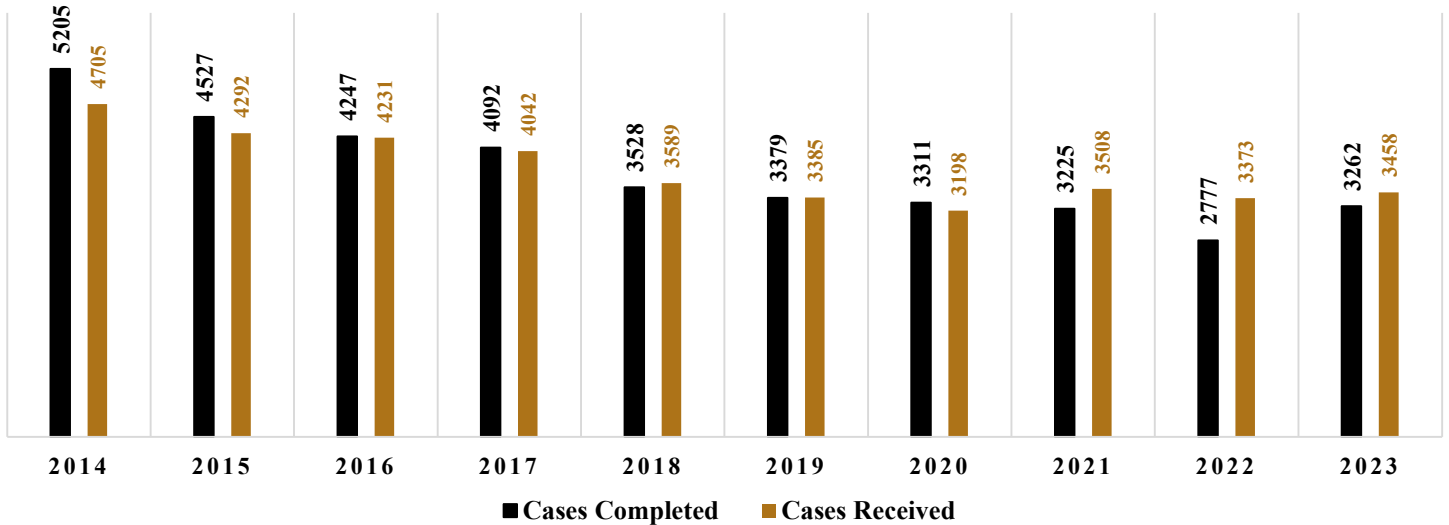


Oklahoma State Bureau of Investigation Annual Toxicology Trends

CY2023

2014-2023 CASE TRENDS

OSBI TOXICOLOGY TOTAL CASES RECEIVED AND COMPLETED:
TEN YEAR TREND

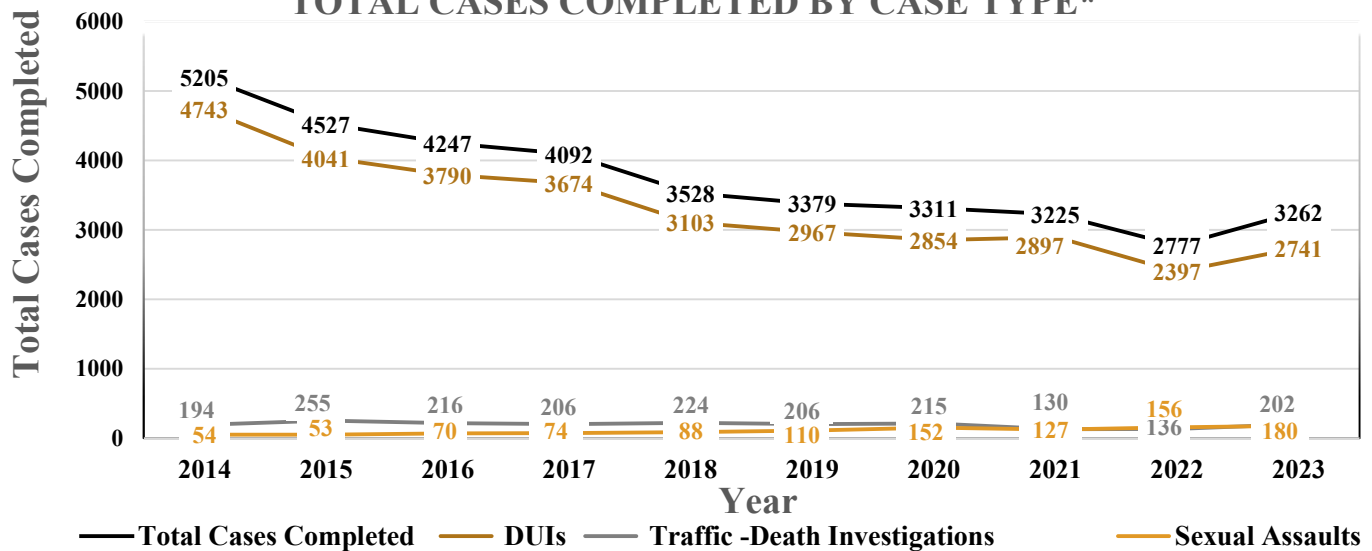


Since the beginning of 2023, the Toxicology unit staff has increased by **25%**.

With the addition of comprehensive testing in 2023, the turnaround time went from 107 days to a peak of 153 days.

By the end of 2023, the turn around time decreased to **138 days.**

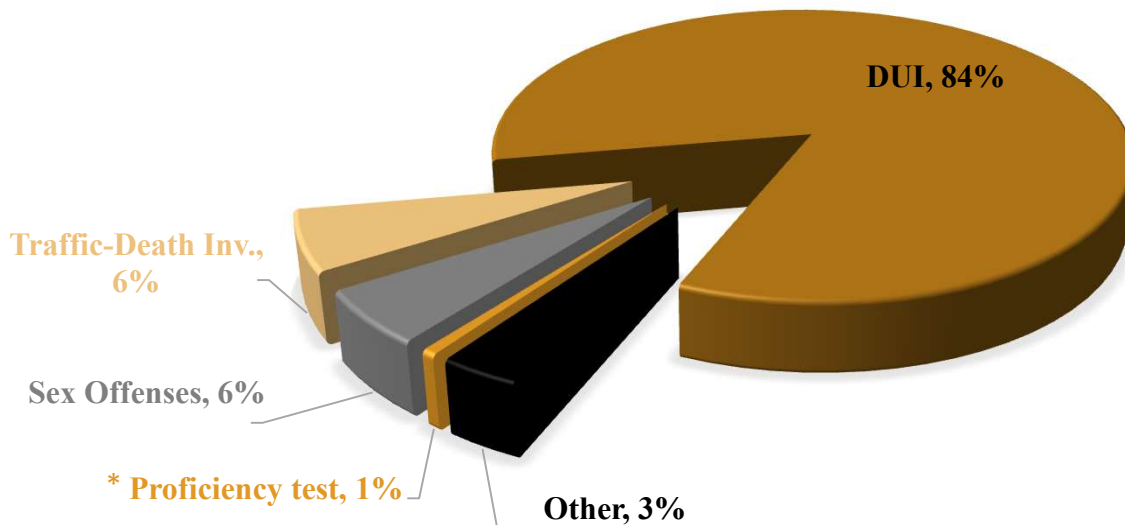
TEN YEAR TREND BREAKDOWN:
TOTAL CASES COMPLETED BY CASE TYPE*



*The discrepancies between the Total Cases Completed each year and the total of all DUI's, Traffic-Death Investigations, and Sexual Assaults is due to other case types not listed on the graph.

2023 CASE TRENDS

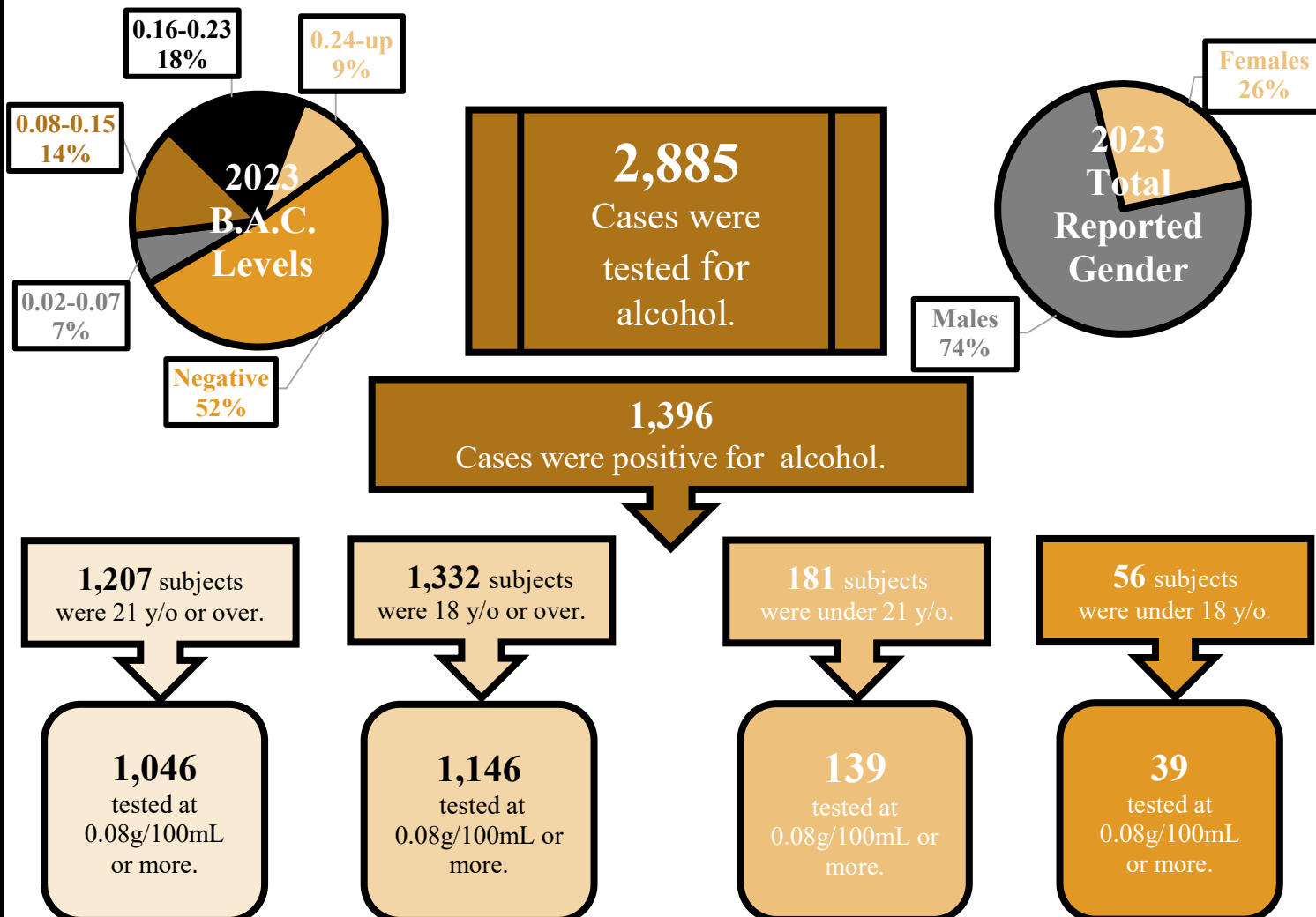
CASE COMPLETED BY CASE TYPE



*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.

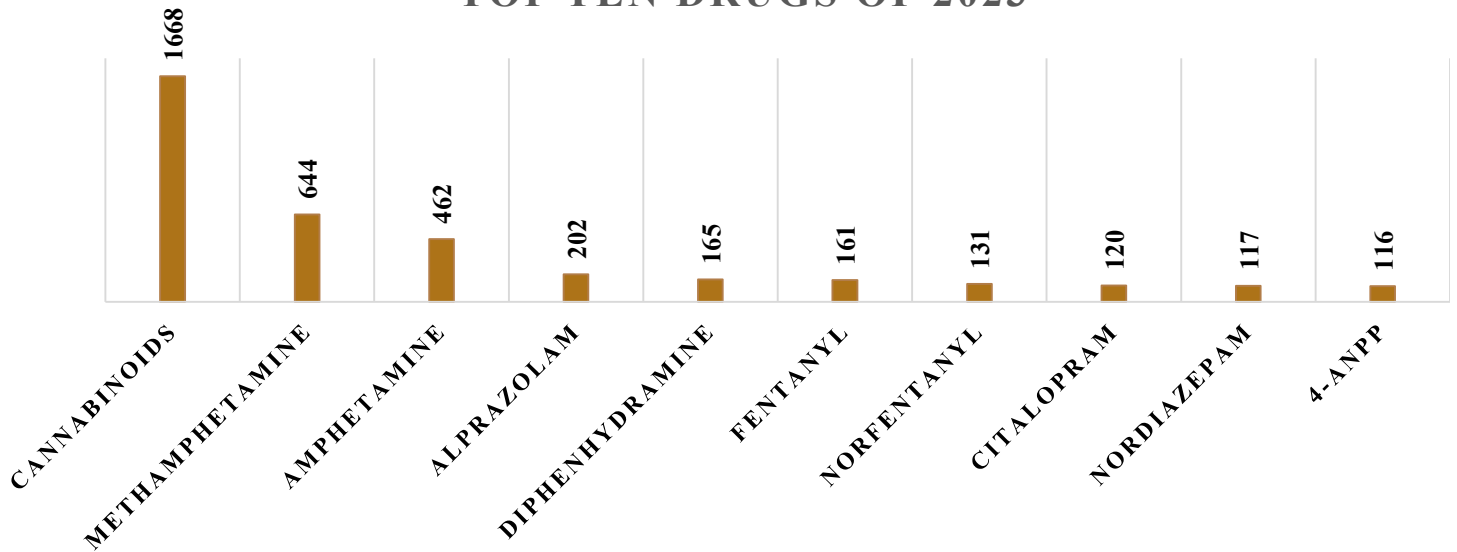
2023 *B.A.C. LEVEL TRENDS

* B.A.C. = Blood Alcohol Content



2023 DRUG TRENDS*

TOP TEN DRUGS OF 2023



*Cases may have more than one drug identified.

121

different drugs were reported in 2023.

Of those 121 drugs, **16 different Benzos** were observed.

Benzos accounted for **≈19%** of the drugs reported in casework.

Of those 121 drugs, **11 different Anti-depressants** were observed.

Anti-depressants accounted for **≈13.8%** of the drugs reported in casework.

The use of more than one drug, also known as **polysubstance use**, is common in cases. This is when two or more drugs are taken together or within a short time period, either intentionally or unintentionally.

Top 5 results in Traffic - Death Investigations cases

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

Top 5 results in Sex Offense cases

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



*Alcohol is not accounted for in these statistics.