# 2018

# Oklahoma Drug Threat Assessment



Oklahoma Bureau of Narcotics and Dangerous Drugs John Scully, Director MARY FALLIN Governor



JOHN SCULLY Director

# September 12, 2018

The Oklahoma Bureau of Narcotics has served the citizens of Oklahoma in the quest for a drugfree state since 1975. Our agency remains committed to working with lawmakers, law enforcement, public health officials, and the citizens of Oklahoma to develop comprehensive strategies to address drug abuse in communities across the state. While we know many factors contribute to drug abuse, OBN is committed to reducing the availability of illegal drugs in Oklahoma.

Our agency works to eradicate illegal drugs in Oklahoma by enforcing drug laws, administering statewide programs, and providing continual outreach to our stakeholders – lawmakers, law enforcement, public health officials, and the citizens of Oklahoma. OBN agents enforce drug laws by utilizing aggressive investigative methods and administering statewide drug diversion programs. The Prescription Drug Monitoring Program is a valuable tool for practitioners, pharmacists, and law enforcement in the prevention and detection of the diversion and abuse of pharmaceutical controlled substances. As a service to our communities, OBN also administers the Safe Trips for Scripts Drug Prevention Program. This program provides citizens a safe way to discard unwanted medications by disposing of them in one of our 177 take back boxes located around the state.

This drug threat assessment was created to help provide officials and citizens with helpful information about drug threats across our state. We will continue to collaborate with other agencies and the citizens to work toward a safer and healthier Oklahoma. We urge you to work with your local law enforcement to fight drug abuse in your community. If you would like more information about our agency and our programs, please visit www.ok.gov/obndd or call (800) 522-8031. You may also visit our Facebook page.

Respectfully,

John Scully, Director

Oklahoma Bureau of Narcotics

Committed to honor, integrity and excellence, the Oklahoma Bureau of Narcotics will serve the citizens of Oklahoma in the quest for a drug-free state.

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# **Acronyms and Abbreviations**

COPS Community Oriented Policing Services

DEA Drug Enforcement Agency

DOC Department of Corrections

DTAP Drug Threat Assessment Project

DTO Drug Trafficking Organization

EPIC El Paso Intelligence Center

FDA Food and Drug Administration

HIDTA High Intensity Drug Trafficking Area

NDTA National Drug Threat Assessment

OAC Oklahoma Administrative Code

OCME Office of the Chief Medical Examiner

ODEC Oklahoma Drug Endangered Children

ODMAP Overdose Detection Mapping Application Program

ODMHSAS Oklahoma Department of Mental Health and Substance Abuse Services

OSBI Oklahoma State Bureau of Investigation

PDMP Prescription Drug Monitoring Program

SAMHSA Substance Abuse and Mental Health Services Administration

THC Tetrahydrocannabinol

# **Executive Summary**

The 2018 Oklahoma Drug Threat Assessment is a comprehensive assessment of current drug trends and emerging drug threats in the state. The goal of this threat assessment is to provide law enforcement, public health officials, lawmakers, and the citizens of Oklahoma with information to assist them in making informed decisions about policy changes and the allocation of resources.

This threat assessment includes state and county-level data for key public safety and public health indicators. Public safety indicators include drug arrests, drug-related fatality crashes, methamphetamine labs, interdictions, and drug lab submittals. Public health indicators include fatal overdoses, treatment admissions, and dispensed prescription opioids.

This threat assessment includes district profiles for each of the 27 judicial districts. These profiles can be found at the end of this report. This report also includes data and threat information from the National Drug Threat Assessment (NDTA) and the regional drug threat assessment published by the Texoma High Intensity Drug Trafficking Area (HIDTA). Results from a law enforcement needs assessment conducted by OBN in early spring are also included in this report.

The threat assessment is divided into three sections. The first section includes data and intelligence on current drug trends and emerging drug threats in Oklahoma. The second section includes an overview of OBN programs and initiatives. The final section includes the district profiles. Key findings from this year's threat assessment include:

- Methamphetamine remains the greatest threat in Oklahoma, followed by prescription opioids and marijuana. Law enforcement intelligence suggests heroin is an emerging threat across the state, while cocaine remains a low threat in Oklahoma;
- ➤ While the number of methamphetamine labs seized by law enforcement has declined over the past few years, the availability and purity of methamphetamine in Oklahoma continues to increase;
- ➤ Oklahoma continues to lead the nation in the abuse of prescription opioids. Over 4.1 million opioid prescriptions were dispensed in Oklahoma in 2017, which equates to a prescribing rate of 106.7 opioid prescriptions per 100 people;
- Fatal overdoses decreased 11.5% from 2016 to 2017; fatal overdoses involving prescription drugs also decreased 27.1% in 2017.

Table 1. Overview of Key Drug Indicators

| Key Indicator                                      | 2015    | 2016    | 2017    | % Change 2016 to 2017 |
|--|---------|---------|---------|-----------------------|
| Reported Arrests <sup>1</sup>                      |         |         |         |                       |
| Drug-related                                       | 18,565  | 22,413  | 20,782  | -7.3%                 |
| Total arrests                                      | 123,157 | 119,179 | 114,135 | -4.2%                 |
| % of total arrests related to drugs                | 15.1%   | 18.8%   | 18.2%   | N/A                   |
| Reported Fatality Crashes <sup>2</sup>             |         |         |         |                       |
| Drug-related                                       | 72      | 121     | 179     | 47.9%                 |
| Total fatality crashes                             | 590     | 628     | 612     | -2.5%                 |
| % of total fatality crashes related to drugs       | 12.2%   | 19.3%   | 29.2%   | N/A                   |
| Lab Submittal Cases <sup>3</sup>                   |         |         |         |                       |
| Cocaine  | 468     | 374     | 506     | 35.3%                 |
| Heroin   | 224     | 342     | 402     | 17.5%                 |
| Marijuana  | 5,646   | 4,841   | 5,945   | 22.8%                 |
| Methamphetamine                                    | 8,058   | 8,000   | 9,110   | 13.9%                 |
| Treatment Admissions <sup>4</sup>                  |         |         |         |                       |
| Cocaine  | 315     | 310     | 319     | 2.9%                  |
| Heroin   | 483     | 722     | 864     | 19.7%                 |
| Marijuana  | 3,388   | 3,114   | 2,979   | -4.3%                 |
| Methamphetamine                                    | 3,938   | 4,713   | 5,620   | 19.2%                 |
| Opiates  | 2,170   | 1,996   | 1,908   | -4.4%                 |
| Prescription stimulants                            | 583     | 494     | 407     | -17.6%                |
| Fatal Overdoses <sup>5</sup>                       |         |         |         |                       |
| Prescription overdoses                             | 462     | 435     | 317     | -27.1                 |
| Total overdoses                                    | 835     | 899     | 796     | -11.5                 |
| % of fatal overdoses related to prescription drugs | 55.3%   | 48.4%   | 39.8%   | N/A                   |

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<sup>&</sup>lt;sup>1</sup> Crime in Oklahoma, Oklahoma State Bureau of Investigation

<sup>&</sup>lt;sup>2</sup> Crash Facts, Oklahoma Highway Safety Office – Includes those crashes where at least one driver tested positive for drugs or where law enforcement suspected a driver was under the influence. Note: total number of fatality crashes, not number of individuals killed

<sup>&</sup>lt;sup>3</sup> Yearly lab submittals to OSBI Forensic Laboratory, Oklahoma State Bureau of Investigation

<sup>&</sup>lt;sup>4</sup> ODMHSAS Online Query System – includes counts of admissions at alcohol and drug certified providers with a service focus of alcohol or drug. Count is number of admissions, not number of unique persons. Primary drug of choice as reported. Published by fiscal year

<sup>&</sup>lt;sup>5</sup> Office of the Chief Medical Examiner – analysis conducted by L. Baker, OBN. 2017 data are preliminary

# Introduction

Oklahoma is located in the South Central region of the United States. Oklahoma is divided into 77 counties and 598 cities - the largest cities in Oklahoma are Tulsa and Oklahoma City. Oklahoma's Border States include Arkansas, Colorado, Kansas, Missouri, New Mexico, and Texas. An estimated 3.9 million people live in Oklahoma, representing an increase of 8.6% since 2003. The US Census reported the 2016 median household income in Oklahoma was \$48,038, which is below the national average by more than \$10,000. The US Census estimates that approximately 16% of Oklahomans live in poverty (see table 2).

Table 2. Oklahoma Demographics

| Population                     | 3,930,864     |
|--------------------------------|---------------|
| Land Area (square miles)       | 68,595        |
| Persons (per square mile)      | 54.7          |
| Capital                        | Oklahoma City |
| Counties                       | 77            |
| Median Household Income        | \$48,038      |
| Poverty Line (% below)         | 16.3%         |
| Unemployment Rate              | 4.0%          |
| Adult Drug-Related Arrests*    | 19,498        |
| Juvenile Drug-Related Arrests* | 1,284         |

Source: US Census Bureau; UCR Report, OSBI

Several factors contribute to the drug threat in Oklahoma. The extensive interstate highway system creates a unique challenge for law enforcement. Oklahoma has 935 miles of interstate. Interstate 35 extends north-south through the middle of the state. Nationally, Interstate 35 extends from Laredo, Texas (near US-Mexico border) to Duluth, Minnesota. Interstate 40 spans the nation from Barstow, California to Wilmington, North Carolina; it extends east-west across Oklahoma. Other state highways also make Oklahoma an ideal transportation state for drug trafficking.

Since the early 1990's, some of the most powerful drug trafficking organizations (DTOs) operating in Mexico have established distribution channels in Oklahoma. They utilize Oklahoma's close proximity to the Mexico border and Oklahoma's highway system to traffic drugs across the United

<sup>\*</sup> Includes drug possession and sales/manufacturing

States. Law enforcement data and intelligence suggests Mexico-based DTOs continue to transport and distribute drugs in Oklahoma.

In addition to the extensive interstate highway system, the high rate of drug abuse among Oklahomans contributes to the drug threat in the state. In 2017, the Centers for Disease Control and Prevention (CDC) reported Oklahoma as one of 26 states that experienced a statistically significant increase in the rate of reported drug overdoses during 2016. In 2017, officials reported 796 fatal overdoses in the state (OBN, 2018), representing an 11.5% decrease compared to 2016. In 2017, Oklahoma's fatal overdose rate was 20.3 (per 100,000 people), which represents a slight decrease compared to 2016 (see figure 1). Almost 40% of all fatal overdoses reported in the state were related to prescription drugs.

NONE

NONE

OLITO 14.9

TEAS

BEAVER

WOODS

ALFALFA
GRANT

MACR

MACR

GRANT

MACR

Figure 1. Fatal Drug Overdose Rates (per 100,000) - 2017, by County

Source: Fatal Overdoses Dataset, OBN

Another unique challenge for law enforcement in Oklahoma is the limited amount of resources available to address drug threats across the state. Substance abuse treatment and drug enforcement consume considerable resources in Oklahoma. Similar to other states, the demand for drug treatment often exceeds the capacity of the treatment system. According to the Oklahoma Department of Mental Health and Substance Abuse Services (ODMHSAS) data, drug-related treatment admissions increased 3.6% in FY17.

# **Section 1: Current Threat Assessment**

This section includes the most current threat assessment for the following drugs: methamphetamine, marijuana, prescription opioids, heroin, and cocaine. Methamphetamine remains the greatest illicit drug threat to Oklahoma, while marijuana remains the most widely available and commonly used drug in the state. Diversion of pharmaceutical drugs, the transfer of legal prescription drugs for illegal use, continues to increase in Oklahoma. The heroin threat in Oklahoma is increasing, likely due to changes in the supply and demand of other drugs, namely prescription opioids. Cocaine remains a low drug threat in the Oklahoma.

# Methamphetamine

Methamphetamine remains the greatest illicit drug threat to Oklahoma. The use, trafficking, and distribution of methamphetamine poses a significant threat to law enforcement and the citizens of Oklahoma. Use of methamphetamine remains high as evidenced by the number of treatment admissions, fatal overdoses, and drug lab submittals in Oklahoma.

Long-term use of methamphetamine may cause individuals to suffer from anxiety, confusion, insomnia, and mood disturbances. Individuals may also exhibit symptoms of psychosis while under the influence of methamphetamine, including paranoia, visual and auditory hallucinations, and delusions.

| Quick Facts: Methamphetamine |   |  |
|------------------------------|---|--|
| Туре                         | Stimulant   |  |
| Appearance                   | Crystal-like powder, may come in large<br>rock form – usually white or slightly<br>yellow   |  |
| Method of use                | Smoked, ingested, snorted, injected   |  |
| Common street names          | Chalk, crank, croak, crypto, crystal, fire, glass, meth, tweek, or white cross  |  |
| Primary source(s)            | Mexico, surrounding states  |  |
| Short-term effects           | Insomnia, changes in appetite, irritability/agitation, anxiety, nervousness, convulsions, and heart attack                                      |  |
| Long-term effects            | Prolonged use of methamphetamine<br>may cause paranoia, hallucinations,<br>repetitive behavior, constant feeling of<br>bugs crawling under skin |  |

Source: http://www.drugfree.org/drug-guide/methamphetamine

The domestic production of methamphetamine has decreased over the past few years due to stricter laws, enforcement efforts, and Mexico-produced methamphetamine. Unlike other illicit drugs,

methamphetamine, or "meth," is a synthetic drug, which means it is manufactured in clandestine laboratories. Methamphetamine is not a plant-based drug, so its production is not impacted by drought, flooding, growth cycles, or other factors that typically impact the production of other illicit drugs (e.g., heroin).

Most methamphetamine available in Oklahoma today is produced in Mexico, and then smuggled across the Southwest Border by Mexico-based DTOs. In its annual regional threat assessment, the Texoma HIDTA reported, "Oklahoma law enforcement continues to encounter small methamphetamine laboratories in the northeastern part of the state. However, since 2011, El Paso Intelligence Center (EPIC) Clandestine lab seizure reporting for Oklahoma shows a steady downward trend in the number of seized laboratories and dump sites, likely due to the increasing supply of cheap Mexico-produced methamphetamine" (p. 11).

According to the 2017 NDTA, Mexico-based DTOs exploit the extensive US transportation infrastructure to transport large amounts of methamphetamine. In its annual regional threat assessment, the Texoma HIDTA wrote, "From 2009 to 2016, Texoma HIDTA Initiative seizures of methamphetamine increased approximately 750%, from 112 kilograms in 2009 to 950 kilograms in 2016" (p. 7). In assessing the methamphetamine threat, the Texoma HIDTA determined:

Methamphetamine has been the most pervasive drug threat in Oklahoma for several years. Mexican DTOs oversee the production of methamphetamine in Mexico and import it in bulk quantities into Oklahoma. The last several years have seen a significant drop in the wholesale price as the market has been saturated with low cost, but high purity, methamphetamine produced in Mexico and transported to Oklahoma. The drug's wholesale price has more or less been halved over the past two years, with current prices only a fraction of the \$40,000 per kilogram price the drug commanded back in 2008. The tumbling prices have coincided with increased methamphetamine availability in the region, particularly as DTOs have perfected the movement of methamphetamine in solution ("liquid meth") and the use of local conversion laboratories used to convert and "clean" liquid methamphetamine from liquid to crystal.

Intelligence from law enforcement agencies in Texas and Oklahoma have suggested that due to the arrest of high-ranking Sinaloa Cartel managers in the Chicago area, the Sinaloa Cartel has begun to increase its operational presence and organizational command elements in Oklahoma City...most importantly, both Oklahoma City and Tulsa have, in their own rights, become primary distribution points for Mexico-based DTOs, with cell heads communicating directly with

command and control elements in Mexico as opposed to secondary distribution locations supplied via other states" (p.11)

While methamphetamine labs have decreased in recent years, the availability and purity of methamphetamine in Oklahoma has significantly increased. Data from the Oklahoma State Bureau of Investigation (OSBI) indicated a 13.9% increase in methamphetamine lab submittal cases in 2017 (see figure 2). At the same time, the price of methamphetamine has significantly decreased since 2014. In 2014, an ounce of methamphetamine sold for \$1,000.00 to \$1,500.00; today, an ounce of methamphetamine typically sells for \$250.00 to \$800.00 in Oklahoma (OBN, 2018).

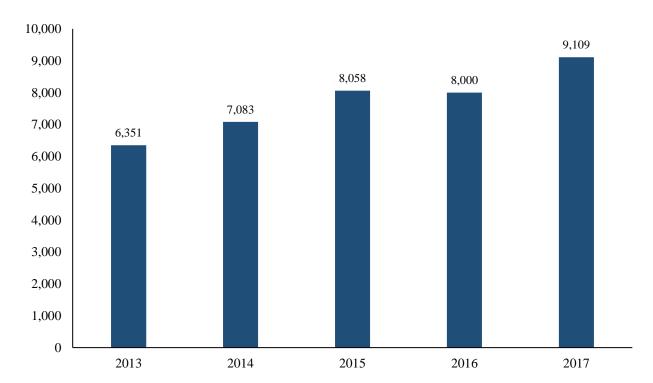


Figure 2. Methamphetamine Lab Submittals, by Year

Source: OSBI, 2018

Oklahomans are also seeking treatment for methamphetamine addiction at higher rates compared to previous years. Based on ODMHSAS data, the number of admissions in FY17 for methamphetamine as primary drug of choice in Oklahoma increased 19.2% compared to FY16. Likewise, the number of methamphetamine-related fatal overdoses continues to increase. In 2017, Oklahoma reported 330 methamphetamine-related deaths, representing a 71.9% increase since 2014 (OBN, 2018).

# Marijuana

Marijuana remains the most widely available and commonly used illicit drug in Oklahoma. Shifting public opinions and the legalization of marijuana in several states has strongly influenced the marijuana threat in Oklahoma. While marijuana remains illegal under federal law, many states – including Oklahoma – have passed legislation (or voted on referendums/initiatives) approving the cultivation, possession, and use of marijuana for medicinal or recreational purposes. Law enforcement in Oklahoma have reported a decrease in both locally-grown marijuana and Mexico-produced marijuana. Most marijuana on the streets of Oklahoma today is high-grade hydroponic marijuana grown legally in states like California and Colorado.

| Quick Facts: Marijuana |  |  |
|------------------------|--|--|
| Туре                   | Cannabis   |  |
| Appearance             | Multiple forms: 1) green leafy substance; 2) wax; 3) edible products   |  |
| Method of use          | Smoked and ingested  |  |
| Common street names    | Mary Jane, Aunt Mary, Boom Chronic,<br>Dope, Grass, Hash, Herb, Pot, Reefer,<br>Skunk, Weed  |  |
| Primary source(s)      | Mexico, surrounding states   |  |
| Short-term effects     | Learning and memory problems,<br>distorted thinking, problem solving<br>difficulty, loss of motor coordination,<br>hallucinations, anxiety |  |
| Long-term effects      | Prolonged use of marijuana may cause depression, paranoia, respiratory problems, impaired learning and memory functions.                   |  |

Source: http://www.drugfree.org/drug/marijuana

The potency of marijuana has more than tripled in the last 20 years. In the past, marijuana seized by law enforcement in Oklahoma contained six to eight percent Tetrahydrocannabinol (THC); however, recent black market shipments of high-grade marijuana from medical and recreational marijuana states contained 20% THC (Texoma HIDTA, 2017). Oklahoma law enforcement also seized THC oil and edible products diverted from pharmacies in neighboring states containing 50% THC. Marijuana extracts (e.g., hash, wax, and other THC-infused products) are also prevalent in Oklahoma.

Marijuana lab submittals to OSBI increased 22.8% in 2017 (see figure 3).

OBN Interdiction Agents seized 2,132 pounds of marijuana from vehicles traveling through Oklahoma in 2017 alone, representing a 42.9% increase compared to 2016. Law enforcement in Oklahoma reported fewer marijuana-related arrests in 2017. Arrests for possession of marijuana

decreased 4.1% in 2017, and arrests for the sale or manufacturing of marijuana decreased 5.3% (OSBI, 2018).

7,000 6,000 5,335 5,000 4,769 4,000 3,000 2,000 1,000

Figure 3. Marijuana Lab Submittals, by Year

Source: OSBI, 2018

2013

0

Treatment admissions where marijuana was self-reported by the patient as the primary drug of choice decreased 4.3% in FY17 (ODMHSAS, 2018). However, treatment admissions where marijuana was self-reported by the patient as a drug of choice increased 1.3% in FY17.

2015

2016

2017

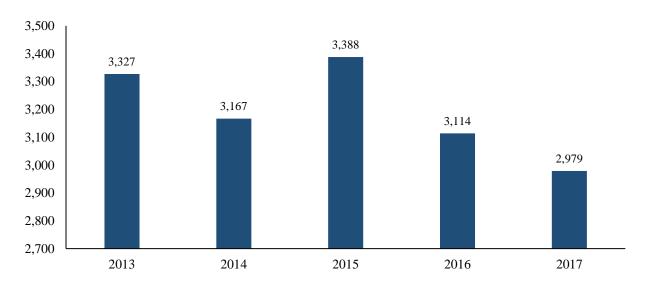


Figure 4. Marijuana Treatment Admissions – Primary Drug of Choice, by Fiscal Year

2014

Source: ODMHSAS, 2018

# Diverted Pharmaceutical Drugs

Diversion of pharmaceutical drugs, the transfer of legal prescription drugs for illicit purposes, remains a threat in Oklahoma. Common diversion methods include doctor shopping, visiting

emergency rooms, stealing prescription pads, and calling pharmacies with fraudulent phone orders.

Unlike the stigma attached to heroin and methamphetamine, people often think prescription drugs are safe because they are prescribed by medical professionals. Law enforcement and public health officials still struggle to educate the public about the harmful effects of prescription drug misuse and abuse.

In the 1990's healthcare providers began prescribing opioid pain relievers at a high rate; consequently, the practice of overprescribing opioids led to widespread diversion and abuse of these

| Quick Facts: Opioids |   |  |
|----------------------|---|--|
| Туре                 | Narcotics   |  |
| Appearance           | Multiple forms: tablets/capsules, liquids, and patches  |  |
| Method of use        | Smoked and ingested   |  |
| Common street names  | Percs, Vike, Apache, China Girl, China<br>White, Mister Blue, Morpho, Dillies,<br>Sizzurp, Purple Drank, Oxy, Hillbilly<br>Heroin |  |
| Common opioids       | Hydrocodone, Oxycodone, Tramadol,<br>Buprenorphine, Fentanyl, Morphine,<br>Codeine  |  |
| Short-term effects   | Drowsiness, slowed breathing, constipation, nausea, confusion, paranoia   |  |
| Long-term effects    | Prolonged abuse of opioids may lead to liver damage, brain damage, dependence and addiction                                       |  |

Source: http://www.drugfree.org/drug/prescription-pain-relievers-opioids

medications. In response to the prescription opioid epidemic in Oklahoma, lawmakers passed more restrictive prescribing laws for opioids. Consequently, it is now more difficult for users to purchase opioids on the street.

Hydrocodone is the most frequently diverted opioid in Oklahoma – it is also one of the most commonly abused drugs present in fatal overdoses (OBN, 2018). Oklahoma is also a source of diverted opioids for other parts of the country. The Texoma HIDTA reported, "Customers are known to come from neighboring states, like Arkansas, into Oklahoma to obtain prescriptions and pills" (p. 21). Law enforcement in Oklahoma consistently report prescription drugs as one of the main drug threats in their communities.

According to the Oklahoma Prescription Drug Monitoring Program (PDMP), over 4.1 million opioid prescriptions were dispensed in Oklahoma in 2017, which equates to a prescribing rate of 106.7 opioid prescriptions per 100 people. Harmon County had the highest prescribing rate of

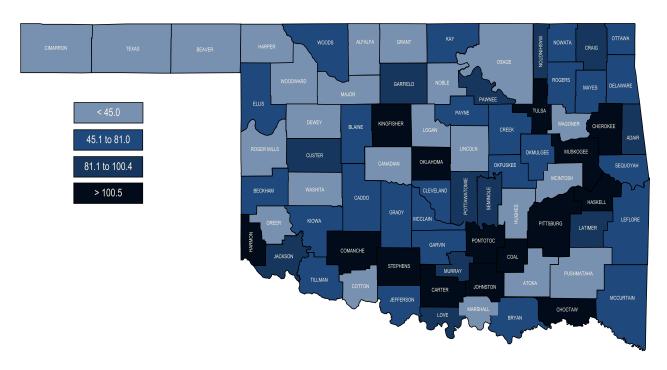
opioid prescriptions at 293.8 per 100 people, while Grant County had the lowest prescribing rate at 7.3 per 100 people (see figure 5).

Other counties with high opioid prescribing rates included Johnston (190.1), Choctaw (189.6), Tulsa (170.9), Oklahoma (158.7), Carter (147.9), Kingfisher (145.7), and Pontotoc (142.5).

| Opioid Prescriptions in Oklahoma, 2017 |           |  |  |
|--|-----------|--|--|
| Total number dispensed                 | 4,194,792 |  |  |
| Average number per month               | 349,566   |  |  |
| Average number per week                | 80,669    |  |  |
| Average number per day                 | 11,493    |  |  |
| Average number per hour                | 479       |  |  |

Source: Oklahoma PDMP

Figure 5. County Opioid Prescribing Rates, 2017



Source: Oklahoma PDMP \* See Appendix for list of opioids

The top five controlled prescription drugs dispensed in Oklahoma in 2017 included Hydrocodone, Oxycodone, Alprazolam, Tramadol, and Zolpidem (see table 3). Prescriptions for Hydrocodone are the most frequently filled opioid in every county in Oklahoma, followed by Oxycodone and Alprazolam. Prescriptions filled for all of these drugs decreased in 2017. Hydrocodone prescriptions decreased 6.9% from 2016 to 2017, while oxycodone prescriptions decreased 2.7%. Prescriptions filled for Zolpidem decreased six percent.

Table 3. Top Five Prescriptions, by Year

|             | 2013      | 2014      | 2015      | 2016      | 2017      |
|-------------|-----------|-----------|-----------|-----------|-----------|
| Hydrocodone | 2,916,208 | 2,624,911 | 2,231,711 | 2,048,734 | 1,907,347 |
| Oxycodone   | 717,484   | 783,166   | 888,028   | 899,290   | 874,692   |
| Alprazolam  | 823,594   | 816,273   | 819,863   | 782,353   | 728,284   |
| Tramadol    | 735,054   | 753,672   | 807,675   | 811,103   | 776,373   |
| Zolpidem    | 649,009   | 631,275   | 608,725   | 578,768   | 543,801   |

Source: Oklahoma PDMP

Current research suggests a relationship exists between opioid abuse and the eventual transition to heroin (HIDTA, p. 21). Data suggests Oklahomans may be turning to heroin as a substitute to prescription opioids. According to ODMHSAS data, the number of admissions for opioids as primary drug of choice in Oklahoma decreased 4.4% in FY17. In contrast, the number of admissions for heroin as primary drug of choice in Oklahoma increased 19.7% in FY17.

Public safety and public health officials are particularly concerned with the abuse of fentanyl. Fentanyl is a Schedule II synthetic opioid originally developed by drug manufacturers to serve as both a pain killer and an anesthetic. Because of its strong opioid properties, fentanyl has become an increasingly attractive drug of abuse. Fentanyl is often mixed into heroin or pressed into counterfeit prescription drugs. In 2017, fentanyl contributed to 56 fatal overdose deaths (OBN, 2018).

The most common prescription drugs present in overdose deaths in 2017 included Oxycodone (98 deaths), Alprazolam (73 deaths), Hydrocodone (73 deaths), Morphine (63 deaths), Fentanyl (56 deaths), Methadone (30 deaths), and Diazepam (26 deaths) (OBN, 2018).

### Heroin

The heroin threat in Oklahoma is increasing. This emerging threat is likely due to changes in the supply and demand of other drugs, namely prescription opioids. In response to the growing

Oklahoma lawmakers have worked to pass laws aimed at reducing the availability of prescription opioids. Consequently, prescription opioids are expensive and harder to find on the streets. In some instances, those addicted to prescription opioids have turned to heroin, a less expensive alternative that provides a similar effect. In fact, heroin is cheaper, easier to obtain, and it provides users with a more intense high.

prescription opioid abuse epidemic,

Heroin is derived from the opium poppy plant. While poppy plants are grown in Mexico and Columbia, the majority of

| Quick Facts: Heroin |  |  |
|---------------------|--|--|
| Туре                | Opiate   |  |
| Appearance          | Two forms: 1) white or brown powder or 2) tar-like substance   |  |
| Method of use       | Injected, snorted, or smoked   |  |
| Common street names | H, Smack, Junk, Black Tar, Doojee,<br>Brown Sugar, Dope, and Skag  |  |
| Primary source(s)   | Asia and Mexico  |  |
| Short-term effects  | Constricted blood vessels; drowsiness, dry mouth, slowed and slurred speech, and apathy                          |  |
| Long-term effects   | Prolonged use of heroin may cause collapsed veins, abscesses, pulmonary complications, liver disease, and death. |  |

Source: http://www.drugfree.org/drug/drug-heroin

illicit opium poppy is grown in Southeast Asia or the mountainous areas of Afghanistan, Iran, and Pakistan. Mexico-based DTOs supply heroin to Oklahoma. In its annual regional drug threat assessment, the Texoma HIDTA found, "Mexican brown and black tar heroin remains the most prevalent form of heroin available in Oklahoma, but white heroin is on the increase" (pg. 16). In assessing the heroin threat, the Texoma HIDTA determined:

Texoma HIDTA initiatives based in Oklahoma and DEA Oklahoma City have noted the presence of entrenched distribution cells supplied by sources of supply in Nayarit and Sinaloa, Mexico; these organizations often rotate personnel between Oklahoma City and Nayarit, and utilize a dispatch system that allows the operational cell head to control the distribution operations from locations outside Oklahoma in California or Mexico. The Oklahoma-based workers receive multi-kilogram shipments of heroin and then repackage the heroin for distribution at the street level in \$40 and \$90 balloons. One street-level distributor in Oklahoma City estimated selling, on average, 20 small balloons and 30 to 40 large balloons a day (p.17).

Heroin is generally distributed in balloons, bindles, or in glassine envelopes. Balloons are more commonly seen at the street level in Oklahoma. Based on recent undercover purchases, a small heroin balloon (1/4 gram) costs \$40.00, while a larger balloon (1/2 gram) costs \$90.00. Heroin prices vary by region, but an ounce of heroin in Oklahoma costs around \$2,000.00.

In 2017, Oklahoma law enforcement submitted 402 seizures of heroin to the OSBI, representing a 17.5% increase compared to 2016. Nationally, law enforcement report an increase in the amount of heroin available on the streets. In Oklahoma, the number of heroin cases submitted by law enforcement increases each year. In 2017, Oklahoma law enforcement submitted 402 seizures of heroin to the OSBI, representing a 17.5% increase compared to 2016.

Almost 70% of those heroin submittals were submitted by law enforcement from Canadian, Cleveland, Oklahoma, and Tulsa counties. In 2017, OBN Interdiction Agents seized 15.8 pounds of heroin from vehicles driving through Oklahoma.

Treatment admissions for heroin also increased in Oklahoma. Treatment admissions increased 19.7% in FY17, with 864 reported admissions for heroin listed as the primary drug of choice. In 2017, Oklahoma reported 59 heroin-related fatal overdoses, which is a 62.5% increase compared to 2016 (OBN, 2018).

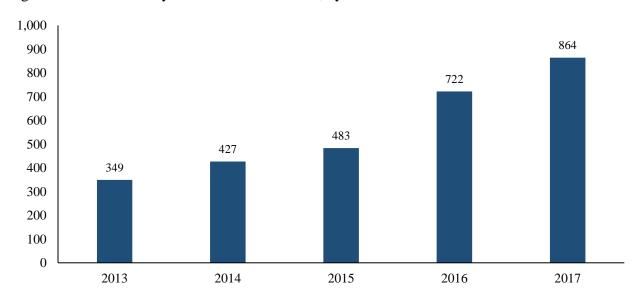


Figure 6. Heroin Primary Treatment Admissions, by Fiscal Year

Source: ODMHSAS

# **Cocaine**

Cocaine remains a low drug threat in Oklahoma. Use of cocaine and crack cocaine has decreased over the years in Oklahoma due to the popularity of methamphetamine in this part of the country. The most prevalent form of cocaine distributed in Oklahoma is powder cocaine; however, crack

cocaine is found by law enforcement in Oklahoma City, Tulsa, and Lawton.

Cocaine is a highly addictive drug. Cocaine abusers may experience both short and long-term physiological and psychological effects. Physical effects may include constricted blood vessels, dilated pupils, and fluctuation in body temperature. Psychological effects include erratic behavior. may irritability, anxiety, and violent behavior.

Columbia is the primary source for cocaine in the United States; in fact, 90% of cocaine in the US is imported from Columbia. Mexico-based DTOs

| Quick Facts: Cocaine |   |  |
|----------------------|---|--|
| Туре                 | Stimulant   |  |
| Appearance           | Two forms: 1) white crystalline powder or 2) hard chips, chunks, or rocks   |  |
| Method of use        | Injected, snorted, or smoked  |  |
| Common street names  | Big C, Blow, Coke, Flake, Freebase,<br>Lady, Nose Candy, Rock, Snow,<br>Snowbirds, White Crack  |  |
| Primary source(s)    | Columbia, Mexico  |  |
| Short-term effects   | Constricted blood vessels; dilated pupils; increased temperature, heart rate, and blood pressure; insomnia; loss of appetite; anxiety; and irritability |  |
| Long-term effects    | Prolonged use of cocaine may cause paranoid behavior. If snorted, cocaine may cause ulceration of the nose.   |  |

Source: http://www.drugfree.org/drug/cocaine-crack

control the retail distribution of powder cocaine, while street gangs control much of the distribution of crack cocaine. According to the 2016 Texoma HIDTA Threat Assessment, crack cocaine distribution is one of the driving forces behind acts of violence by the Hoover Crips, a large street gang controlling an estimated 70% of cocaine distribution in Tulsa (p. 25).

Oklahoma law enforcement submitted 506 seizures of cocaine to the OSBI in 2017; of those, almost half (49.6%) were submitted by law enforcement from Cleveland, Comanche, Oklahoma, and Tulsa counties. While arrests for possession of cocaine decreased 16.4% in 2017, arrests for the sale and manufacturing of cocaine increased 45.8% (OSBI, 2018). Treatment admissions increased slightly in FY17, with 319 reported admissions for cocaine listed as the primary drug of choice (ODMHSAS, 2018).

# **Outlook**

The purpose of the 2018 Oklahoma Drug Threat Assessment is to provide law enforcement, public health officials, lawmakers, and the citizens of Oklahoma with information to assist them in making informed decisions. This report includes state and county-level data for key public safety and public health indicators. This year's outlook is based on the information and intelligence included in this report.

- Methamphetamine will remain the greatest illicit threat to Oklahoma. Availability indicators (including price, purity, and availability) clearly suggest Mexico-based DTOs will continue trafficking and distributing methamphetamine. In the past, most highway interdiction seizures in Oklahoma were transient loads of drugs passing through the state destined for larger cities; however, recent intelligence and drug seizure amounts indicate Oklahoma has become a destination state. In fact, law enforcement in neighboring states (e.g., Texas and New Mexico) have interdicted large shipments destined for Oklahoma. Current intelligence indicates this trend will persist for the foreseeable future.
- ➤ The diversion of pharmaceutical drugs will increase in Oklahoma. While lawmakers and public officials have worked to address the opioid crisis, the key public health and public safety indicators suggest the illegal market for pharmaceutical drugs is strong. Of particular concern to public safety and public health officials is the emerging threat of fentanyl.
- ➤ The heroin threat in Oklahoma is increasing. The demand for cheaper alternatives to prescription opioids has led to the heroin epidemic at the national level. Oklahoma is not immune from this epidemic or its effects.
- Marijuana use will increase in Oklahoma. Through a state ballot initiative, Oklahomans voted to legalize marijuana for medicinal purposes. Voters approved SQ788, the *Medical Marijuana Legalization Initiative*, in June 2018. SQ788 allows doctors to recommend medical use of marijuana for any medical condition. Despite changes to state laws in Oklahoma and around the country, the Drug Enforcement Agency (DEA) still classifies marijuana as a Schedule 1 drug, which means it is a substance with no accepted medical use and a high potential for abuse. Public safety and public health officials will spend considerable resources to implement the provisions of SQ788.

# **Section 2: OBN Programs**

OBN is the primary drug enforcement agency in Oklahoma. The agency's mission is to eliminate the abuse of illicit drugs and controlled dangerous substances through enforcement directed at emerging and pervasive drug threats, human trafficking, and money laundering. OBN enforces the Uniform Controlled Dangerous Substances Act, codified in Title 63 O.S. §2-101 et seq. and Oklahoma Administrative Code (OAC) 475:1-1-1 et seq.

OBN provides logistical and technical support to local, state, federal, and tribal law enforcement agencies for drug enforcement. To do this, OBN collaborates with public safety and public health partners to implement multi-jurisdictional law enforcement and intelligence initiatives designed to identify and dismantle major drug trafficking organizations operating in Oklahoma and surrounding states.

One of the agency's top priorities is to collect, analyze, and share drug-related information and intelligence with law enforcement, public health service providers, and other public sectors. Lawmakers, law enforcement, and other decision makers use this information to develop and implement data-driven strategies to reduce drug activity in Oklahoma. Other OBN programs designed to achieve the agency's mission include the Prescription Drug Monitoring Program, the Marijuana Eradication Program, the Safe Trips for Scripts Drug Prevention Program, and the Oklahoma Drug Endangered Children Program.

# Prescription Drug Monitoring Program

The Prescription Drug Monitoring Program (PDMP) is a valuable tool for practitioners, pharmacists, and law enforcement in the prevention and detection of diversion and abuse of pharmaceutical controlled substances. PDMPs are state-based electronic databases that contain information about controlled substance prescriptions dispensed by prescribers and pharmacists. Currently, OBN maintains the only real-time prescription drug monitoring program in the nation.

While prescription monitoring programs have been in place since the 1930's to help control diversion, states did not collect or store prescribing and dispensing information until the early 1990's. OBN implemented the web-based PDMP in 2006, and Oklahoma lawmakers mandated the use of the PDMP system by prescribers and pharmacists in 2015.

# Safe Trips for Scripts Drug Prevention Program

OBN started the Safe Trips for Scripts Prevention Program (also referred to as the Drug Take Back Program) in 2011. The program's purpose is to provide citizens with a safe method to remove and destroy expired and unwanted medications. Currently, OBN maintains 177 take-back boxes that are strategically located in law enforcement agencies across Oklahoma. OBN collected more than 65 tons of medication over the last five years.

OBN partnered with *Oklahoma Roll-Off*, a private storage container company that provides a free metal storage container to collect and transport the medications. Each quarter, OBN escorts an Oklahoma Roll-Off vehicle filled with unwanted medications from the Oklahoma City warehouse to Covanta Energy in Tulsa, Oklahoma. Covanta Energy then converts the medication into clean energy for the state.

35,000 29,854 30,000 28,675 26,667 24,177 25,000 22,205 20,000 15.000 10,000 5,000 0 2013 2014 2015 2016 2017

Figure 7. Safe Trips for Scripts Drug Prevention Program, by Pounds

# Marijuana Eradication Program

In the past, the cultivation of marijuana flourished in parts of Oklahoma. By the 1980's, Oklahoma had the dubious and deserved reputation in the United States as a commercial producer of high-quality marijuana. In response, OBN developed the nation's first Aerial Marijuana Eradication

program in 1989. In 1997, OBN agents seized 89,000 cultivated marijuana plants in Oklahoma. The program was a success and by 2010, the average number of plants eradicated during a typical growing season dropped to 10,000.

Since the early 1990's, many of the most powerful DTOs operating in Mexico have established distribution channels in Oklahoma. They utilize Oklahoma's close proximity to the Mexico border and Oklahoma's highway system to traffic drugs across the United States. Over the past decade, OBN has also identified and dismantled marijuana growing operations in Oklahoma tied to Mexico-based DTOs. OBN agents have arrested several high-ranking associates tied to both the Juarez and Sinaloa cartels attempting to establish drug cell groups in Oklahoma. These cartel cell groups no longer answer to regional traffickers in other states; instead, they communicate directly to mid and upper level drug trafficking organizations in Mexico (Texoma HIDTA, 2017).

### Interdiction Unit

OBN's Interdiction Unit works to reduce drug trafficking in Oklahoma by utilizing interdiction techniques on the highways throughout the state. Because of the extensive highway system, DTOs prefer to transport illegal drugs through Oklahoma to other drug markets across the nation. Typically, DTOs employ cell members who are responsible for smuggling drugs to Oklahoma from Mexico through the Laredo and El Paso/Juarez plazas.

DTOs use technology, concealed compartments, and other techniques to avoid detection by law enforcement. They smuggle drugs in private and commercial vehicles that have concealed compartments. Many DTOs also arrange for children or the elderly to be in vehicles that are transporting drugs to avoid suspicion from law enforcement. In its 2017 NDTA, the DEA described how DTOs often operate in the US:

US-Based Mexican DTOs are composed of various compartmentalized cells assigned with specific functions such as distribution, transportation, consolidation of drug proceeds, or money laundering. Mexican operations in the United States typically function as a supply chain – operators in the chain are aware of their specific function, but they are unaware of other aspects of an operation. In most cases, individuals hired to transport drug shipments within the US are independent, third-party contractors who may be working for multiple Mexican DTOs (p. 5)

In the past, most highway interdiction seizures in Oklahoma were transient loads of drugs passing through the state destined for larger cities; however, recent intelligence and drug seizure amounts suggests Oklahoma has become a destination state. In fact, law enforcement in neighboring states (e.g., Texas and New Mexico) have interdicted large shipments destined for Oklahoma. Current intelligence indicates this trend will only continue. In 2017, OBN Interdiction Agents seized 2,131.4 pounds of marijuana on Oklahoma highways, representing a 42.9% increase compared to 2016. Agents also seized 131.5 pounds of methamphetamine, 15.8 pounds of heroin, 33.3 pounds of cocaine, and 8.8 pounds of fentanyl (see table 4).

Table 4. OBN Interdiction Seizures, by Pounds

| Drug Type       | 2016    | 2017    | % Change |
|-----------------|---------|---------|----------|
| Marijuana       | 1,491.6 | 2,131.4 | 42.9     |
| Methamphetamine | 51.2    | 131.5   | 156.8    |
| Heroin          | 8.5     | 15.8    | 85.9     |
| Cocaine         | 0.08    | 33.3    | **       |
| Fentanyl        | **      | 8.8     | **       |

Source: ACISS Case Management System, OBN

# Oklahoma Drug Endangered Children

Established in 2011, the Oklahoma Drug Endangered Children (ODEC) is a nationally-recognized and certified outreach program based on the National Alliance for Drug Endangered Children Model. The purpose of the program is to reduce child abuse and neglect related to drug abuse. Research suggests children who live in homes where others are abusing drugs are more likely to suffer from abuse and neglect. OBN works with other law enforcement, social service providers, medical professionals, legal professionals, and members of the non-profit community to advance evidence-based strategies in working with children exposed to drugs.

# Methamphetamine Waste Container Program

OBN implemented the Methamphetamine Waste Container Program in 2003 as part of a grant from Community Oriented Policing Services (COPS). With the assistance and support of DEA, OBN developed the program to provide law enforcement agencies with a safe method to dispose

toxic waste created by the production of methamphetamine. Using the federal grant money, OBN purchased five methamphetamine waste containers and installed them in strategic locations around the state. Since that time, OBN partnered with DEA and Oklahoma Department of Corrections (DOC) to purchase and install seven additional containers.

While the number of methamphetamine labs seized in Oklahoma has declined over the years (see figure 8), lab cleanup remains expensive and labor intensive. Before the program was implemented, local law enforcement agencies were burdened with high clean-up costs; on average, environmental companies charged law enforcement \$1,800 to safely dispose of clandestine lab waste. Today, law enforcement can dispose of methamphetamine lab waste at one of the 12 waste containers located around the state free of charge. An environmental company is responsible for transporting the waste from the lab container to a facility for safe destruction. Since 2011, local law enforcement have disposed of approximately 1,650 methamphetamine labs using this program.

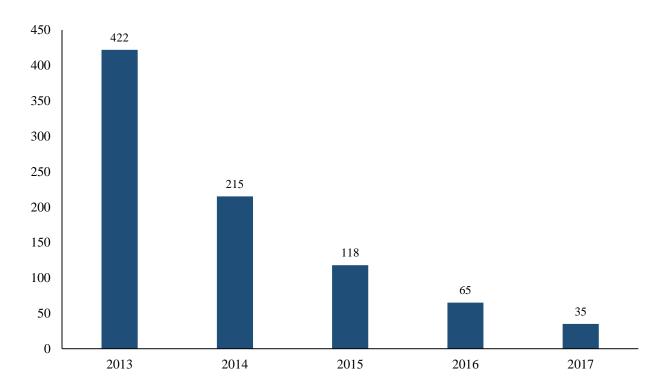


Figure 8. Methamphetamine Labs Seized, 2013 to 2017

Source: Methamphetamine Tracker Lab Reports, OBN

# The Drug Threat Assessment Project (DTAP)

One of the agency's top priorities is to collect, analyze, and share drug-related information and intelligence with law enforcement, public health service providers, and other public sectors. To that end, OBN recently implemented the Drug Threat Assessment Project (DTAP). This project is a drug incident information sharing project modeled after New Jersey's Drug Monitoring Initiative. OBN plans to use the information and intelligence created by this project to develop products and publications.

OBN's leadership developed five goals for this project. First, the agency will collect timely and accurate statewide public safety and health data to understand drug trends and assess current threats. Second, OBN will develop and maintain working relationships with public safety and public health partners. Third, the agency will provide real-time awareness of drug threats impacting Oklahoma. Fourth, OBN will create comprehensive response plans based on project findings and best practices. Finally, the agency hopes to influence the development of effective drug policy and practices in Oklahoma.

# Overdose Detection Mapping Application Program (ODMAP)

Recently, OBN began working with local law enforcement to implement the Overdose Detection Mapping Application Program (ODMAP). Originally created by the Washington/Baltimore HIDTA, ODMAP is a free mobile tool for first responders to enter and share real-time overdose data across jurisdictions. OBN's goal is for all law enforcement and first responders to enter overdose information in ODMAP. The Custer County Sheriff's Office, Weatherford Police Department, Garvin County Sheriff's Office, and the Oklahoma Medical Examiner's Office have agreed to serve as pilot agencies for the initiative.

# **Section 3: District Profiles**

For this year's drug threat assessment, OBN completed a brief drug threat profile for each of the 27 judicial districts. OBN collected data from the best available sources for each data source. District profiles include data for reported arrests, drug lab submittals, fatal crashes, treatment admissions, and fatal overdoses. The Oklahoma State Bureau of Investigation provided arrest data and drug lab submittal data. The Oklahoma Highway Safety Office provided fatal crash data. The Oklahoma Department of Mental Health and Substance Abuse Services provided treatment admission data – treatment admissions are based on fiscal year. The Oklahoma Office of Chief Medical Examiner, in cooperation with OBN analysts, provided fatal overdose data. Law enforcement feedback is also provided in the report. OBN collected this feedback from its annual needs assessment survey.

### **District 1 Profile**

Counties: Beaver, Cimarron, Harper, and Texas



District 1 is located in the panhandle of Oklahoma. With an estimated population of 32,177, District 1 includes Cimarron, Texas, Beaver, and Harper counties. The largest city in District 1 is Guymon. District 1 respondents identified methamphetamine and marijuana as the top drug threats in their area, followed by prescription opioids and prescription stimulants.

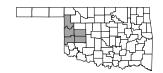
Select Drug-Related Data - 2017, by County

|                       | % of All Arrests<br>Related to Drugs | OSBI Drug<br>Lab Submittals | Fatal<br>Crashes | Treatment<br>Admissions | Overdose<br>Deaths |
|-----------------------|--------------------------------------|-----------------------------|------------------|-------------------------|--------------------|
| Beaver                | 30.0%                                | 28                          | 2                | 4                       | 2                  |
| Cimarron              | 79.3%                                | 14                          | 1                | 0                       | 0                  |
| Harper                | **                                   | 1                           | 0                | 2                       | 0                  |
| Texas                 | 15.6%                                | 52                          | 1                | 32                      | 1                  |
| <b>District Total</b> | 19.8%                                | 95                          | 4                | 38                      | 3                  |

<sup>\*\*</sup> Harper County did not report any drug-related arrests in 2017

# **District 2 Profile**

Counties: Beckham, Custer, Ellis, Roger Mills, and Washita



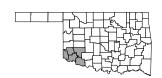
District 2, located in western Oklahoma, includes Beckham, Custer, Ellis, Roger Mills, and Washita counties. With an estimated population of 69,409, the largest city in District 2 is Sayre. District 2 respondents identified methamphetamine as the top drug threat, followed by marijuana and prescription opioids.

Select Drug-Related Data - 2017, by County

|                | % of All Arrests<br>Related to Drugs | OSBI Drug<br>Lab Submittals | Fatal<br>Crashes | Treatment<br>Admissions | Overdose<br>Deaths |
|----------------|--------------------------------------|-----------------------------|------------------|-------------------------|--------------------|
| Beckham        | 18.8%                                | 125                         | 1                | 83                      | 9                  |
| Custer         | 19.9%                                | 226                         | 2                | 83                      | 2                  |
| Ellis          | 21.1%                                | 7                           | 0                | 5                       | 0                  |
| Roger Mills    | 10.5%                                | 5                           | 0                | 8                       | 0                  |
| Washita        | 20.0%                                | 25                          | 2                | 26                      | 5                  |
| District Total | 19.4%                                | 388                         | 5                | 205                     | 16                 |

# **District 3 Profile**

Counties: Greer, Harmon, Jackson, Kiowa, and Tillman



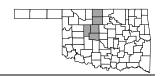
District 3 is located in southwest Oklahoma. With an estimated population of 49,983, District 3 includes Greer, Harmon, Jackson, Kiowa, and Tillman counties. District 3 respondents identified methamphetamine and prescription opioids as the top drug threats.

Select Drug-Related Data - 2017, by County

|                | % of All Arrests | OSBI Drug      | Fatal   | Treatment  | Overdose |
|----------------|------------------|----------------|---------|------------|----------|
|                | Related to Drugs | Lab Submittals | Crashes | Admissions | Deaths   |
| Greer          | 5.0%             | 7              | 0       | 31         | 1        |
| Harmon         | 14.3%            | 6              | 0       | 7          | 1        |
| Jackson        | 12.8%            | 130            | 2       | 83         | 8        |
| Kiowa          | 31.3%            | 27             | 2       | 47         | 3        |
| Tillman        | 17.7%            | 19             | 0       | 18         | 0        |
| District Total | 15.3%            | 189            | 4       | 186        | 13       |

### **District 4 Profile**

Counties: Blaine, Canadian, Garfield, Grant, and Kingfisher



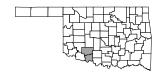
District 4 is located in the west central region of Oklahoma. With an estimated population of 231,069, District 4 includes Blaine, Canadian, Garfield, Grant, and Kingfisher counties. The largest cities in District 4 include Enid, El Reno, Mustang, and Yukon. District 4 respondents identified marijuana as the top drug threat, followed by methamphetamine and prescription opioids.

Select Drug-Related Data - 2017, by County

|                       | % of All Arrests | OSBI Drug      | Fatal   | Treatment  | Overdose |
|-----------------------|------------------|----------------|---------|------------|----------|
|                       | Related to Drugs | Lab Submittals | Crashes | Admissions | Deaths   |
| Blaine                | 11.7%            | 48             | 2       | 39         | 2        |
| Canadian              | 17.2%            | 388            | 3       | 250        | 13       |
| Garfield              | 14.4%            | 391            | 1       | 226        | 11       |
| Grant                 | 37.7%            | 37             | 0       | 4          | 0        |
| Kingfisher            | 30.0%            | 59             | 4       | 21         | 5        |
| <b>District Total</b> | 16.3%            | 923            | 10      | 540        | 31       |

# **District 5 Profile**

Counties: Comanche and Cotton



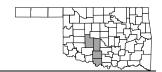
District 5, which is located in south central Oklahoma, includes Comanche and Cotton counties. With an estimated population of 127,349, the largest city in the district is Lawton. District 5 respondents identified prescription opioids and methamphetamine as the top drug threats.

Select Drug-Related Data - 2017, by County

|                | % of All Arrests | OSBI Drug      | Fatal   | Treatment  | Overdose |
|----------------|------------------|----------------|---------|------------|----------|
|                | Related to Drugs | Lab Submittals | Crashes | Admissions | Deaths   |
| Comanche       | 19.2%            | 595            | 7       | 223        | 22       |
| Cotton         | 23.5%            | 50             | 1       | 19         | 0        |
| District Total | 19.3%            | 645            | 8       | 242        | 22       |

### **District 6 Profile**

Counties: Caddo, Grady, Jefferson, and Stephens



District 6 is located in the west central Oklahoma. With an estimated population of 133,631, District 6 includes Caddo, Grady, Jefferson, and Stephens counties. District 6 respondents identified methamphetamine as the top drug threat in their area, followed by marijuana and prescription opioids. Several respondents reported they have experienced an increase in heroin availability and use in communities.

Select Drug-Related Data - 2017, by County

|                       | % of All Arrests | OSBI Drug      | Fatal   | Treatment  | Overdose |
|-----------------------|------------------|----------------|---------|------------|----------|
|                       | Related to Drugs | Lab Submittals | Crashes | Admissions | Deaths   |
| Caddo                 | 15.4%            | 207            | 2       | 79         | 4        |
| Grady                 | 17.9%            | 167            | 6       | 141        | 4        |
| Jefferson             | 31.3%            | 42             | 0       | 13         | 2        |
| Stephens              | 14.4%            | 233            | 1       | 94         | 7        |
| <b>District Total</b> | 16.5%            | 649            | 9       | 327        | 17       |

# **District 7 Profile**

Counties: Oklahoma



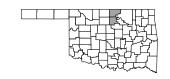
District 7 is located in central Oklahoma and includes Oklahoma County. With an estimated population of 787,958, many of the state's largest cities are located in Oklahoma County, including Bethany, Edmond, Midwest City, Nichols Hills, Warr Acres, and Oklahoma City – the state's largest city. District 7 respondents identified prescription opioids as the top drug threat in their area, followed by marijuana and methamphetamine. Several respondents identified heroin, Fentanyl, and LSD as emerging threats.

Select Drug-Related Data - 2017, by County

|                       | % of All Arrests<br>Related to Drugs | OSBI Drug<br>Lab Submittals | Fatal<br>Crashes | Treatment<br>Admissions | Overdose<br>Deaths |
|-----------------------|--------------------------------------|-----------------------------|------------------|-------------------------|--------------------|
| Oklahoma              | 20.4%                                | 1,494                       | 12               | 3,210                   | 212                |
| <b>District Total</b> | 20.4%                                | 1,494                       | 12               | 3,210                   | 212                |

# **District 8 Profile**

Counties: Kay and Noble



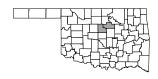
District 8, which is located in northern Oklahoma, includes Kay and Noble counties. Kay County shares its northern border with Kansas. With an estimated population of 55,821, the largest cities in District 8 are Blackwell, Newkirk, Perry, and Ponca City. District 8 respondents identified marijuana and methamphetamine as top drug threats.

Select Drug-Related Data - 2017, by County

|                       | % of All Arrests<br>Related to Drugs | OSBI Drug<br>Lab Submittals | Fatal<br>Crashes | Treatment<br>Admissions | Overdose<br>Deaths |
|-----------------------|--------------------------------------|-----------------------------|------------------|-------------------------|--------------------|
| Kay                   | 15.2%                                | 432                         | 1                | 176                     | 12                 |
| Noble                 | 20.6%                                | 49                          | 3                | 13                      | 1                  |
| <b>District Total</b> | 15.6%                                | 481                         | 4                | 189                     | 13                 |

### **District 9 Profile**

Counties: Logan and Payne



Located in north central Oklahoma, District 9 includes Logan and Payne counties. With an estimated population of 128,359, the largest cities in District 9 are Guthrie and Stillwater. District 9 respondents reported marijuana as the top drug threats, followed by prescription opioids and methamphetamine.

Select Drug-Related Data - 2017, by County

|                       | % of All Arrests | OSBI Drug      | Fatal   | Treatment  | Overdose |
|-----------------------|------------------|----------------|---------|------------|----------|
|                       | Related to Drugs | Lab Submittals | Crashes | Admissions | Deaths   |
| Logan                 | 27.0%            | 104            | 0       | 124        | 5        |
| Payne                 | 21.1%            | 561            | 3       | 123        | 3        |
| <b>District Total</b> | 22.2%            | 665            | 3       | 247        | 8        |

# **District 10 Profile**

Counties: Osage and Pawnee



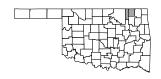
Located in northeast Oklahoma, District 10 includes Osage and Pawnee counties. With an estimated population of 63,705, the largest communities in District 10 are Pawhuska and Pawnee. District 10 respondents identified methamphetamine and prescription opioids as top drug threats. Respondents also reported an increase in opioids and "heroin-opioid derivatives."

Select Drug-Related Data - 2017, by County

|                       | % of All Arrests<br>Related to Drugs | OSBI Drug<br>Lab Submittals | Fatal<br>Crashes | Treatment<br>Admissions | Overdose<br>Deaths |
|-----------------------|--------------------------------------|-----------------------------|------------------|-------------------------|--------------------|
| Osage                 | 26.2%                                | 266                         | 6                | 57                      | 11                 |
| Pawnee                | 21.0%                                | 95                          | 2                | 36                      | 5                  |
| <b>District Total</b> | 24.2%                                | 361                         | 8                | 93                      | 16                 |

**District 11 Profile** 

Counties: Nowata and Washington



District 11 is located in the northeast region of the state and shares its border with Kansas. With an estimated population of 62,238, District 11 includes Nowata and Washington counties. The largest communities in District 11 are Nowata and Bartlesville. Respondents from District 11 reported methamphetamine and marijuana as top drug threats. Two respondents reported that they are starting to see more heroin on the streets.

Select Drug-Related Data - 2017, by County

|                | % of All Arrests | OSBI Drug      | Fatal   | Treatment  | Overdose |
|----------------|------------------|----------------|---------|------------|----------|
|                | Related to Drugs | Lab Submittals | Crashes | Admissions | Deaths   |
| Nowata         | 41.8%            | 76             | 2       | 23         | 0        |
| Washington     | 5.1%             | 116            | 3       | 133        | 9        |
| District Total | 36.1%            | 192            | 5       | 156        | 9        |

# **District 12 Profile**

Counties: Craig, Mayes, and Rogers



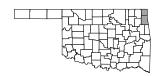
Located in northeast Oklahoma, District 12 includes Craig, Mayes, and Rogers counties. With an estimated population of 146,692, the largest cities in District 12 are Claremore, Catoosa, and Vinita. District 12 respondents identified prescription opioids and marijuana as top drug threats in their area.

Select Drug-Related Data - 2017, by County

|                       | % of All Arrests<br>Related to Drugs | OSBI Drug<br>Lab Submittals | Fatal<br>Crashes | Treatment<br>Admissions | Overdose<br>Deaths |
|-----------------------|--------------------------------------|-----------------------------|------------------|-------------------------|--------------------|
| Craig                 | 23.3%                                | 69                          | 0                | 27                      | 2                  |
| Mayes                 | 18.2%                                | 178                         | 2                | 86                      | 7                  |
| Rogers                | 21.5%                                | 364                         | 2                | 199                     | 5                  |
| <b>District Total</b> | 20.6%                                | 611                         | 4                | 312                     | 14                 |

**District 13 Profile** 

Counties: Delaware and Ottawa



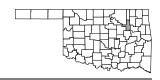
District 13 is located in the far northeast region of the state and shares its borders with Kansas, Missouri, and Arkansas. With an estimated population of 73,914, District 13 includes Delaware and Ottawa counties. The largest cities in District 13 are Grove and Miami. District 13 respondents identified marijuana and methamphetamine as the top drug threats in their area, followed by prescription opioids.

Select Drug-Related Data - 2017, by County

|                       | % of All Arrests | OSBI Drug      | Fatal   | Treatment  | Overdose |
|-----------------------|------------------|----------------|---------|------------|----------|
|                       | Related to Drugs | Lab Submittals | Crashes | Admissions | Deaths   |
| Delaware              | 25.1%            | 174            | 2       | 64         | 8        |
| Ottawa                | 26.0%            | 202            | 7       | 116        | 6        |
| <b>District Total</b> | 25.6%            | 376            | 9       | 180        | 14       |

# **District 14 Profile**

Counties: Tulsa



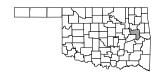
District 14 is located in northeast Oklahoma and serves the city of Tulsa. With an estimated population of 646,266, District 14 includes Collinsville, Glenpool, Collinsville, and Tulsa – the state's second largest city. District 14 respondents identified prescription opioids as the top drug threat in their area, followed by methamphetamine and heroin. Over half (57.1%) of respondents reported heroin as an emerging drug threat. Several respondents reported an increase in drug cartel activities. One respondent reported they have "several cartel cells operating heroin trafficking rings."

Select Drug-Related Data - 2017, by County

|                       | % of All Arrests<br>Related to Drugs | OSBI Drug<br>Lab Submittals | Fatal<br>Crashes | Treatment<br>Admissions | Overdose<br>Deaths |
|-----------------------|--------------------------------------|-----------------------------|------------------|-------------------------|--------------------|
| Tulsa                 | 11.9%                                | 876                         | 24               | 1,749                   | 157                |
| <b>District Total</b> | 11.9%                                | 876                         | 24               | 1,749                   | 157                |

# **District 15 Profile**

Counties: Muskogee



District 15 is located in northeast Oklahoma. With an estimated population of 69,086, Muskogee County includes Muskogee, Fort Gibson, Boynton, and Webbers Falls. Law enforcement in Muskogee County did not respond to the survey.

Select Drug-Related Data - 2017, by County

|                       | % of All Arrests | OSBI Drug      | Fatal   | Treatment  | Overdose |
|-----------------------|------------------|----------------|---------|------------|----------|
|                       | Related to Drugs | Lab Submittals | Crashes | Admissions | Deaths   |
| Muskogee              | 12.7%            | 347            | 2       | 402        | 13       |
| <b>District Total</b> | 12.7%            | 347            | 2       | 402        | 13       |

# **District 16 Profile**

Counties: Latimer and LeFlore



Located in southeast Oklahoma, District 16 includes Latimer and Leflore counties. With an estimated population of 60,142, the largest cities in District 16 include Heavener, Poteau, and Wilburton. District 16 respondents identified prescription opioids as the top drug threat in their area, followed by methamphetamine.

Select Drug-Related Data - 2017, by County

|                       | % of All Arrests<br>Related to Drugs | OSBI Drug<br>Lab Submittals | Fatal<br>Crashes | Treatment<br>Admissions | Overdose<br>Deaths |
|-----------------------|--------------------------------------|-----------------------------|------------------|-------------------------|--------------------|
| Latimer               | 37.3%                                | 146                         | 2                | 49                      | 3                  |
| LeFlore               | 15.9%                                | 297                         | 4                | 111                     | 14                 |
| <b>District Total</b> | 20.8%                                | 443                         | 6                | 160                     | 17                 |

# **District 17 Profile**

Counties: Choctaw, McCurtain, and Pushmataha



Located in far southeast Oklahoma, District 17 includes Choctaw, McCurtain, and Pushmataha counties. District 17 shares its borders with Arkansas and Texas. With an estimated population of 58,844, District 17 includes Hugo, Broken Bow, Idabel, and Antlers. District 17 respondents reported methamphetamine and marijuana as the top drug threats in their area, followed by prescription opioids.

Select Drug-Related Data - 2017, by County

|                | % of All Arrests | OSBI Drug      | Fatal   | Treatment  | Overdose |
|----------------|------------------|----------------|---------|------------|----------|
|                | Related to Drugs | Lab Submittals | Crashes | Admissions | Deaths   |
| Choctaw        | 12.4%            | 118            | 2       | 142        | 1        |
| McCurtain      | 18.9%            | 211            | 2       | 154        | 7        |
| Pushmataha     | 33.7%            | 160            | 0       | 37         | 2        |
| District Total | 16.0%            | 489            | 4       | 333        | 10       |

### **District 18 Profile**

Counties: Haskell and Pittsburg



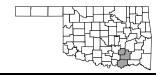
District 18, which includes Haskell and Pittsburg counties, is located in southeast Oklahoma. With an estimated population of 56,947, District 18 includes McAlester, Krebs, and Stigler. District 18 respondents reported prescription stimulants as the top drug threat in their communities, followed by methamphetamine, marijuana, and prescription opioids.

Select Drug-Related Data - 2017, by County

|                | % of All Arrests<br>Related to Drugs | OSBI Drug<br>Lab Submittals | Fatal<br>Crashes | Treatment<br>Admissions | Overdose<br>Deaths |
|----------------|--------------------------------------|-----------------------------|------------------|-------------------------|--------------------|
| Haskell        | 28.4%                                | 111                         | 0                | 67                      | 3                  |
| Pittsburg      | 22.1%                                | 520                         | 3                | 218                     | 8                  |
| District Total | 22.9%                                | 631                         | 3                | 285                     | 11                 |

#### **District 19 Profile**

Counties: Atoka, Bryan, and Coal



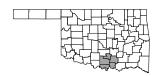
Located in southeast Oklahoma, District 19 includes Atoka, Bryan, and Coal counties. With an estimated population of 65,848, the largest cities in District 19 are Coalgate, Atoka, and Durant. District 19 respondents reported methamphetamine and prescription opioids as top drug threats. One respondent wrote, "Prescription drugs are more deadly, but methamphetamine causes more crime."

Select Drug-Related Data - 2017, by County

|                       | % of All Arrests<br>Related to Drugs | OSBI Drug<br>Lab Submittals | Fatal<br>Crashes | Treatment<br>Admissions | Overdose<br>Deaths |
|-----------------------|--------------------------------------|-----------------------------|------------------|-------------------------|--------------------|
| Atoka                 | 40.7%                                | 96                          | 2                | 38                      | 2                  |
| Bryan                 | 10.5%                                | 384                         | 4                | 158                     | 10                 |
| Coal                  | 55.6%                                | 52                          | 0                | 23                      | 4                  |
| <b>District Total</b> | 15.6%                                | 532                         | 6                | 219                     | 16                 |

### **District 20 Profile**

Counties: Carter, Johnston, Love, Marshall, and Murray



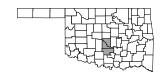
Located in south central Oklahoma, District 20 includes Carter, Johnston, Love, Marshall, and Murray counties. With an estimated population of 99,571, District 20 includes Marietta, Ardmore, Lone Grove, Tishomingo, Madill, and Davis. District 20 respondents reported methamphetamine and marijuana as the top drug threats in their area, followed by prescription opioids.

Select Drug-Related Data - 2017, by County

|                | % of All Arrests | OSBI Drug      | Fatal   | Treatment  | Overdose |
|----------------|------------------|----------------|---------|------------|----------|
|                | Related to Drugs | Lab Submittals | Crashes | Admissions | Deaths   |
| Carter         | 23.3%            | 451            | 0       | 171        | 15       |
| Johnston       | 15.5%            | 38             | 0       | 18         | 3        |
| Love           | 26.4%            | 210            | 1       | 15         | 2        |
| Marshall       | 20.6%            | 106            | 0       | 25         | 5        |
| Murray         | 34.4%            | 150            | 2       | 19         | 4        |
| District Total | 23.9%            | 995            | 3       | 248        | 29       |

**District 21 Profile** 

Counties: Cleveland, Garvin, and McClain



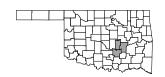
Located in the south central region, District 21 includes Cleveland, Garvin, and McClain counties. With an estimated population of 346,893, the largest cities in District 21 are Norman, Blanchard, Purcell, and Pauls Valley. District 21 respondents reported prescription opioids, methamphetamine, and marijuana as top drug threats. Several respondents reported an increase in heroin on the streets.

Select Drug-Related Data - 2017, by County

|                       | % of All Arrests | OSBI Drug      | Fatal   | Treatment  | Overdose |
|-----------------------|------------------|----------------|---------|------------|----------|
|                       | Related to Drugs | Lab Submittals | Crashes | Admissions | Deaths   |
| Cleveland             | 15.9%            | 568            | 7       | 528        | 36       |
| Garvin                | 10.2%            | 200            | 3       | 58         | 9        |
| McClain               | 31.3%            | 331            | 3       | 75         | 5        |
| <b>District Total</b> | 16.1%            | 1,099          | 13      | 661        | 50       |

### **District 22 Profile**

Counties: Hughes, Pontotoc, and Seminole



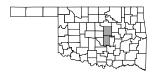
District 22 is located in south central Oklahoma and includes the counties of Hughes, Pontotoc, and Seminole. With an estimated population of 76,404, the largest cities in District 22 are Ada, Holdenville, and Wewoka. District 22 respondents reported methamphetamine and marijuana as top drug threats.

Select Drug-Related Data - 2017, by County

|                | % of All Arrests<br>Related to Drugs | OSBI Drug<br>Lab Submittals | Fatal<br>Crashes | Treatment<br>Admissions | Overdose<br>Deaths |
|----------------|--------------------------------------|-----------------------------|------------------|-------------------------|--------------------|
| Hughes         | 22.2%                                | 78                          | 0                | 73                      | 5                  |
| Pontotoc       | 13.9%                                | 273                         | 5                | 173                     | 6                  |
| Seminole       | 13.6%                                | 67                          | 3                | 163                     | 4                  |
| District Total | 14.7%                                | 418                         | 8                | 409                     | 15                 |

**District 23 Profile** 

Counties: Lincoln and Pottawatomie



Located in south central Oklahoma, District 23 includes Lincoln and Pottawatomie counties. With an estimated population of 107,368, the largest cities in District 23 are Shawnee, Tecumseh, and Chandler. District 23 respondents reported methamphetamine and prescription opioids as top drug threats, followed by marijuana. Over half of respondents in this district reported heroin as an emerging drug threat.

Select Drug-Related Data - 2017, by County

|                       | % of All Arrests | OSBI Drug      | Fatal   | Treatment  | Overdose |
|-----------------------|------------------|----------------|---------|------------|----------|
|                       | Related to Drugs | Lab Submittals | Crashes | Admissions | Deaths   |
| Lincoln               | 9.9%             | 84             | 3       | 133        | 6        |
| Pottawatomie          | 20.4%            | 522            | 3       | 374        | 13       |
| <b>District Total</b> | 18.6%            | 606            | 6       | 507        | 19       |

### **District 24 Profile**

Counties: Creek and Okfuskee



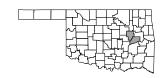
District 24, which includes Creek and Okfuskee counties, is located in north central Oklahoma. With an estimated population of 83,844, the largest cities in District 24 are Sapulpa, Bristow, and the town of Okemah. District 24 respondents reported methamphetamine and prescription opioids as the top drug threats.

Select Drug-Related Data - 2017, by County

|                       | % of All Arrests<br>Related to Drugs | OSBI Drug<br>Lab Submittals | Fatal<br>Crashes | Treatment<br>Admissions | Overdose<br>Deaths |
|-----------------------|--------------------------------------|-----------------------------|------------------|-------------------------|--------------------|
| Creek                 | 28.7%                                | 331                         | 4                | 261                     | 12                 |
| Okfuskee              | 9.1%                                 | 41                          | 2                | 65                      | 1                  |
| <b>District Total</b> | 26.9%                                | 372                         | 6                | 326                     | 13                 |

**District 25 Profile** 

Counties: Okmulgee and McIntosh



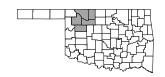
Located in east central Oklahoma, District 25 includes Okmulgee and McIntosh counties. With an estimated population of 58,672, Okmulgee, Eufaula, and Checotah are the largest cities in the district. Respondents from District 25 reported marijuana as the top drug threat, followed by prescription opioids. One respondent wrote, "CBD oil is becoming more prevalent in vape form."

Select Drug-Related Data - 2017, by County

|                | % of All Arrests<br>Related to Drugs | OSBI Drug<br>Lab Submittals | Fatal<br>Crashes | Treatment<br>Admissions | Overdose<br>Deaths |
|----------------|--------------------------------------|-----------------------------|------------------|-------------------------|--------------------|
| Okmulgee       | 17.9%                                | 254                         | 0                | 183                     | 9                  |
| McIntosh       | 24.9%                                | 149                         | 2                | 81                      | 4                  |
| District Total | 19.9%                                | 403                         | 2                | 264                     | 13                 |

### **District 26 Profile**

Counties: Alfalfa, Dewey, Major, Woods, and Woodward



District 26 is located in northwest Oklahoma and includes the counties of Alfalfa, Dewey, Major, Woods, and Woodward. With an estimated population of 47,968, the largest cities in District 26 include Alva, Cherokee, Fairview, and Woodward. District 26 respondents reported prescription opioids, methamphetamine, and marijuana as top drug threats.

Select Drug-Related Data - 2017, by County

|                       | % of All Arrests<br>Related to Drugs | OSBI Drug<br>Lab Submittals | Fatal<br>Crashes | Treatment<br>Admissions | Overdose<br>Deaths |
|-----------------------|--------------------------------------|-----------------------------|------------------|-------------------------|--------------------|
| Alfalfa               | 17.2%                                | 28                          | 1                | 6                       | 0                  |
| Dewey                 | 27.0%                                | 4                           | 0                | 13                      | 1                  |
| Major                 | 17.4%                                | 2                           | 0                | 7                       | 3                  |
| Woods                 | 39.1%                                | 4                           | 0                | 22                      | 1                  |
| Woodward              | 13.8%                                | 143                         | 4                | 64                      | 3                  |
| <b>District Total</b> | 20.0%                                | 181                         | 5                | 112                     | 8                  |

**District 27 Profile** 

Counties: Adair, Cherokee, Sequoyah, and Wagoner



District 27 is located in northeast Oklahoma. With an estimated population of 190,706, District 27 includes Adair, Cherokee, Sequoyah, and Wagoner counties. The largest cities in District 27 include Stilwell, Sallisaw, Tahlequah, and Wagoner. Interstate 40 runs east-west through Sequoyah County. Respondents from District 27 reported prescription opioids and methamphetamine as top drug threats. When asked about emerging drug threats, respondents reported an increase in the amount of heroin and LSD on the streets.

Select Drug-Related Data - 2017, by County

|                       | % of All Arrests | OSBI Drug      | Fatal   | Treatment  | Overdose |
|-----------------------|------------------|----------------|---------|------------|----------|
|                       | Related to Drugs | Lab Submittals | Crashes | Admissions | Deaths   |
| Adair                 | 14.1%            | 127            | 1       | 117        | 6        |
| Cherokee              | 20.2%            | 449            | 2       | 81         | 7        |
| Sequoyah              | 30.4%            | 603            | 1       | 136        | 12       |
| Wagoner               | 21.9%            | 363            | 2       | 149        | 12       |
| <b>District Total</b> | 24.2%            | 1,542          | 6       | 483        | 37       |

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Appendix

## Drug Prices in Oklahoma, 2017

| Street Drugs                 | Price Range       | Prescription Drugs        | Price Range     |  |  |
|------------------------------|-------------------|---------------------------|-----------------|--|--|
| Cocaine - Powder             |                   | Depressants               |                 |  |  |
| Gram                         | \$50-\$100        | Alprazolam                | \$5-\$10        |  |  |
| Ounce                        | \$600-\$1,500     | Diazepam                  | \$2-\$10        |  |  |
| Pound                        | \$8,000-\$15,000  | Zolpidem                  | \$5-\$10        |  |  |
| Cocaine - Crack              |                   | Narcotics                 |                 |  |  |
| Gram                         | \$50-\$100        | Carisoprodol              | \$2-\$3         |  |  |
| Ounce                        | \$600-\$1,500     | Fentanyl                  | \$50-\$150      |  |  |
| Pound                        | \$9,600-\$16,000  | Hydrocodone               | \$5-\$30        |  |  |
| Heroin                       |                   | Methadone                 | \$10-\$80       |  |  |
| Gram                         | \$80-\$150        | Morphine                  | \$10-\$150      |  |  |
| Ounce                        | \$2,000-\$2,240   | Oxycodone                 | \$5-\$100       |  |  |
| Pound                        | \$20,000-\$24,000 | Tramadol                  | \$5-\$30        |  |  |
| Marijuana (Plant)            |                   | Stimulants                |                 |  |  |
| Gram                         | \$10-\$20         | Amphetamine (Adderall)    | \$15-\$25       |  |  |
| Ounce                        | \$150-\$400       | Methylphenidate (Ritalin) | \$5-\$20        |  |  |
| Pound                        | \$1,000-\$6,000   | Phentermine               | \$60-\$80       |  |  |
| Marijuana (Wax/Concentrates) |                   | Othor Denos               | Price Range     |  |  |
| Gram                         | \$30-\$60         | Other Drugs               | File Range      |  |  |
| Dose                         | \$2-\$5           | MDMA/Ecstasy              |                 |  |  |
|                              |                   | Dosage                    | \$10-\$30       |  |  |
| Methamphetamine              |                   | PCP                       |                 |  |  |
| Gram                         | \$40-\$100        | Hit                       | \$15-\$20       |  |  |
| Ounce                        | \$250-\$800       | Gram                      | \$100-\$150     |  |  |
| Pound                        | \$3,000-\$10,000  | Ounce                     | \$1,500-\$1,700 |  |  |
|                              |                   | Psilocybin (Mushrooms)    |                 |  |  |
|                              |                   | Gram                      | \$5-\$10        |  |  |
|                              |                   | Ounce                     | \$150-\$200     |  |  |
|                              |                   |                           |                 |  |  |

## Overdose Deaths, by County

| County     | 2013 | 2014 | 2015 | 2016 | 2017 |
|------------|------|------|------|------|------|
| Adair      | 3    | 7    | 5    | 9    | 6    |
| Alfalfa    | 0    | 0    | 2    | 1    | 0    |
| Atoka      | 1    | 2    | 3    | 5    | 2    |
| Beaver     | 0    | 3    | 1    | 0    | 2    |
| Beckham    | 5    | 1    | 5    | 7    | 9    |
| Blaine     | 0    | 1    | 4    | 4    | 2    |
| Bryan      | 11   | 8    | 11   | 18   | 10   |
| Caddo      | 6    | 4    | 0    | 8    | 4    |
| Canadian   | 10   | 18   | 11   | 11   | 13   |
| Carter     | 20   | 13   | 17   | 12   | 15   |
| Cherokee   | 13   | 14   | 13   | 15   | 7    |
| Choctaw    | 1    | 4    | 5    | 9    | 1    |
| Cimarron   | 1    | 1    | 0    | 0    | 0    |
| Cleveland  | 43   | 35   | 45   | 42   | 36   |
| Coal       | 2    | 2    | 1    | 0    | 4    |
| Comanche   | 17   | 36   | 20   | 25   | 22   |
| Cotton     | 0    | 0    | 0    | 1    | 0    |
| Craig      | 1    | 1    | 4    | 3    | 2    |
| Creek      | 15   | 20   | 10   | 15   | 12   |
| Custer     | 6    | 3    | 6    | 2    | 2    |
| Delaware   | 7    | 7    | 4    | 12   | 8    |
| Dewey      | 0    | 0    | 0    | 1    | 1    |
| Ellis      | 1    | 1    | 0    | 0    | 0    |
| Garfield   | 16   | 12   | 5    | 5    | 11   |
| Garvin     | 10   | 3    | 11   | 8    | 9    |
| Grady      | 7    | 8    | 7    | 9    | 4    |
| Grant      | 1    | 1    | 1    | 0    | 0    |
| Greer      | 0    | 0    | 1    | 1    | 1    |
| Harmon     | 0    | 0    | 0    | 0    | 1    |
| Harper     | 0    | 0    | 0    | 0    | 0    |
| Haskell    | 2    | 3    | 3    | 1    | 3    |
| Hughes     | 4    | 4    | 1    | 0    | 5    |
| Jackson    | 4    | 2    | 7    | 6    | 8    |
| Jefferson  | 3    | 1    | 0    | 1    | 2    |
| Johnston   | 4    | 5    | 3    | 3    | 3    |
| Kay        | 8    | 4    | 7    | 8    | 12   |
| Kingfisher | 1    | 0    | 1    | 1    | 5    |
| Kiowa      | 5    | 1    | 2    | 0    | 3    |
| Latimer    | 0    | 1    | 6    | 3    | 3    |

| County       | 2013 | 2014 | 2015 | 2016 | 2017 |
|--------------|------|------|------|------|------|
| LeFlore      | 12   | 10   | 13   | 17   | 14   |
| Lincoln      | 6    | 4    | 9    | 5    | 6    |
| Logan        | 9    | 4    | 5    | 4    | 5    |
| Love         | 3    | 1    | 1    | 4    | 2    |
| Major        | 0    | 0    | 0    | 0    | 3    |
| Marshall     | 3    | 2    | 2    | 4    | 5    |
| Mayes        | 5    | 12   | 16   | 7    | 7    |
| McClain      | 7    | 6    | 13   | 8    | 5    |
| McCurtain    | 6    | 8    | 4    | 15   | 7    |
| McIntosh     | 3    | 7    | 7    | 6    | 4    |
| Murray       | 1    | 5    | 3    | 5    | 4    |
| Muskogee     | 18   | 27   | 24   | 33   | 13   |
| Noble        | 1    | 1    | 1    | 2    | 1    |
| Nowata       | 0    | 0    | 1    | 1    | 0    |
| Okfuskee     | 4    | 6    | 2    | 1    | 1    |
| Oklahoma     | 205  | 197  | 185  | 199  | 212  |
| Okmulgee     | 4    | 9    | 8    | 6    | 9    |
| Osage        | 6    | 4    | 4    | 8    | 11   |
| Ottawa       | 4    | 6    | 11   | 4    | 6    |
| Pawnee       | 6    | 2    | 5    | 3    | 5    |
| Payne        | 9    | 3    | 11   | 16   | 3    |
| Pittsburg    | 14   | 15   | 11   | 12   | 8    |
| Pontotoc     | 8    | 8    | 5    | 9    | 6    |
| Pottawatomie | 12   | 10   | 16   | 16   | 13   |
| Pushmataha   | 4    | 2    | 4    | 6    | 2    |
| Roger Mills  | 1    | 0    | 1    | 1    | 0    |
| Rogers       | 11   | 13   | 13   | 9    | 5    |
| Seminole     | 5    | 4    | 4    | 3    | 4    |
| Sequoyah     | 12   | 14   | 10   | 12   | 12   |
| Stephens     | 12   | 13   | 14   | 6    | 7    |
| Texas        | 4    | 6    | 1    | 1    | 1    |
| Tillman      | 2    | 2    | 1    | 0    | 0    |
| Tulsa        | 124  | 132  | 184  | 193  | 157  |
| Wagoner      | 15   | 16   | 12   | 16   | 12   |
| Washington   | 8    | 14   | 7    | 13   | 9    |
| Washita      | 1    | 6    | 1    | 1    | 5    |
| Woods        | 1    | 1    | 3    | 3    | 1    |
| Woodward     | 5    | 3    | 1    | 4    | 3    |
| Total        | 779  | 799  | 835  | 899  | 796  |

## Prescription Opioid Deaths, by County

| County     | 2013 | 2014 | 2015 | 2016 | 2017 |
|------------|------|------|------|------|------|
| Adair      | 3    | 6    | 2    | 3    | 4    |
| Alfalfa    | 0    | 0    | 0    | 1    | 0    |
| Atoka      | 1    | 2    | 1    | 4    | 1    |
| Beaver     | 0    | 2    | 1    | 0    | 1    |
| Beckham    | 2    | 0    | 3    | 5    | 5    |
| Blaine     | 0    | 0    | 3    | 3    | 2    |
| Bryan      | 10   | 6    | 10   | 12   | 5    |
| Caddo      | 4    | 1    | 0    | 4    | 1    |
| Canadian   | 6    | 13   | 5    | 5    | 6    |
| Carter     | 16   | 7    | 9    | 8    | 6    |
| Cherokee   | 8    | 9    | 7    | 9    | 3    |
| Choctaw    | 0    | 3    | 4    | 5    | 0    |
| Cimarron   | 1    | 1    | 0    | 0    | 0    |
| Cleveland  | 31   | 24   | 26   | 21   | 17   |
| Coal       | 2    | 1    | 1    | 0    | 2    |
| Comanche   | 4    | 25   | 11   | 10   | 10   |
| Cotton     | 0    | 0    | 0    | 1    | 0    |
| Craig      | 0    | 0    | 3    | 1    | 1    |
| Creek      | 11   | 17   | 7    | 9    | 5    |
| Custer     | 5    | 2    | 4    | 1    | 0    |
| Delaware   | 5    | 6    | 2    | 6    | 4    |
| Dewey      | 0    | 0    | 0    | 0    | 1    |
| Ellis      | 1    | 0    | 0    | 0    | 0    |
| Garfield   | 10   | 4    | 4    | 0    | 2    |
| Garvin     | 8    | 2    | 3    | 3    | 7    |
| Grady      | 3    | 7    | 5    | 7    | 2    |
| Grant      | 1    | 1    | 0    | 0    | 0    |
| Greer      | 0    | 0    | 0    | 0    | 1    |
| Harmon     | 0    | 0    | 0    | 0    | 1    |
| Harper     | 0    | 0    | 0    | 0    | 0    |
| Haskell    | 2    | 1    | 2    | 0    | 1    |
| Hughes     | 1    | 3    | 0    | 0    | 1    |
| Jackson    | 4    | 1    | 1    | 3    | 4    |
| Jefferson  | 1    | 1    | 0    | 1    | 2    |
| Johnston   | 2    | 4    | 2    | 1    | 1    |
| Kay        | 4    | 3    | 4    | 3    | 3    |
| Kingfisher | 0    | 0    | 1    | 0    | 3    |
| Kiowa      | 4    | 0    | 1    | 0    | 2    |
| Latimer    | 0    | 0    | 4    | 1    | 1    |

| County       | 2013    | 2014 | 2015   | 2016 | 2017 |
|--------------|---------|------|--------|------|------|
| LeFlore      | 6       | 5    | 8      | 10   | 10   |
| Lincoln      | 1       | 4    | 6      | 3    | 4    |
| Logan        | 6       | 2    | 4      | 2    | 2    |
| Love         | 3       | 1    | 1      | 2    | 1    |
| Major        | 0       | 0    | 0      | 0    | 2    |
| Marshall     | 2       | 1    | 2      | 2    | 2    |
| Mayes        | 1       | 8    | 12     | 5    | 4    |
| McClain      | 4       | 6    | 7      | 5    | 1    |
| McCurtain    | 2       | 3    | 2      | 5    | 1    |
| McIntosh     | 2       | 3    | 5      | 1    | 1    |
| Murray       | 1       | 4    | 2      | 3    | 0    |
| Muskogee     | 13      | 16   | 20     | 14   | 4    |
| Noble        | 1       | 1    | 1      | 0    | 0    |
| Nowata       | 0       | 0    | 1      | 1    | 0    |
| Okfuskee     | 1       | 3    | 2      | 1    | 0    |
| Oklahoma     | 131     | 114  | 83     | 94   | 65   |
| Okmulgee     | 2       | 4    | 5      | 4    | 2    |
| Osage        | 3       | 1    | 3      | 3    | 3    |
| Ottawa       | 3       | 3    | 4      | 2    | 3    |
| Pawnee       | 3       | 1    | 3      | 3    | 3    |
| Payne        | 5       | 1    | 6      | 6    | 0    |
| Pittsburg    | 8       | 9    | 5      | 6    | 3    |
| Pontotoc     | 5       | 6    | 4      | 4    | 2    |
| Pottawatomie | 7       | 8    | 10     | 7    | 5    |
| Pushmataha   | 4       | 0    | 4      | 5    | 1    |
| Roger Mills  | 1       | 0    | 1      | 0    | 0    |
| Rogers       | 10      | 10   | 9      | 5    | 2    |
| Seminole     | 3       | 2    | 3      | 2    | 2    |
| Sequoyah     | 10      | 9    | 6      | 6    | 7    |
| Stephens     | 7       | 10   | 8      | 4    | 4    |
| Texas        | 4       | 4    |        | 1    | 0    |
| Tillman      |         | 1    | 1<br>1 | 0    | 0    |
| Tulsa        | 1<br>84 | 76   | 92     | 78   |      |
|              |         |      |        |      | 60   |
| Wagoner      | 10      | 11   | 9      | 13   | 9    |
| Washington   | 6       | 10   | 3      | 5    | 3    |
| Washita      | 1       | 3    | 1      | 1    | 3    |
| Woods        | 1       | 0    | 1      | 2    | 1    |
| Woodward     | 5       | 2    | 1      | 3    | 2    |
| Total        | 507     | 494  | 462    | 435  | 317  |

# Opioid Drug List – Drug Generic Name

| Drug AHFS Class Description             | Drug Generic Name                                   |
|---|---|
| opiate agonists                         | hydrocodone bitartrate/acetaminophen                |
| opiate agonists                         | tramadol hel  |
| opiate agonists                         | oxycodone hcl/acetaminophen                         |
| opiate agonists                         | oxycodone hel                                       |
| opiate agonists                         | morphine sulfate                                    |
| opiate agonists                         | acetaminophen with codeine phosphate                |
| opiate agonists                         | fentanyl  |
| opiate partial agonists                 | buprenorphine hcl/naloxone hcl                      |
| opiate partial agonists                 | buprenorphine hel                                   |
| opiate agonists                         | methadone hcl                                       |
| opiate agonists                         | hydromorphone hcl                                   |
| opiate agonists                         | oxymorphone hel                                     |
| opiate agonists                         | hydrocodone/ibuprofen                               |
| opiate agonists                         | tramadol hcl/acetaminophen                          |
| opiate agonists                         | hydrocodone bitartrate                              |
| opiate agonists                         | buprenorphine                                       |
| opiate agonists                         | meperidine hcl                                      |
| opiate agonists                         | tapentadol hel                                      |
| opiate agonists                         | butalbital/acetaminophen/caffeine/codeine phosphate |
| opiate agonists                         | pentazocine hcl/naloxone hcl                        |
| opiate agonists                         | codeine phosphate/butalbital/aspirin/caffeine       |
| opiate agonists                         | butorphanol tartrate                                |
| opiate agonists                         | acetaminophen/caffeine/dihydrocodeine bitartrate    |
| opiate agonists                         | fentanyl citrate                                    |
| opiate agonists                         | morphine sulfate/naltrexone hcl                     |
| opiate agonists                         | codeine sulfate                                     |
| opiate agonists                         | oxycodone hcl/aspirin                               |
| opiate agonists                         | meperidine hcl/pf                                   |
| opiate agonists                         | hydromorphone hcl/pf                                |
| opiate agonists                         | oxycodone myristate                                 |
| opiate agonists                         | pentazocine hcl/acetaminophen                       |
| opiate agonists                         | fentanyl citrate/pf                                 |
| opiate agonists                         | opium/belladonna alkaloids                          |
| opiate agonists                         | codeine phosphate                                   |
| opiate agonists                         | aspirin/caffeine/dihydrocodeine bitartrate          |
| opiate agonists                         | levorphanol tartrate                                |
| opiate agonists                         | morphine sulfate/pf                                 |
| opiate agonists                         | ibuprofen/oxycodone hcl                             |
| opiate agonists                         | oxycodone hcl/oxycodone terephthalate/aspirin       |
| opiate agonists opiate partial agonists | nalbuphine hcl                                      |
| opiate agonists                         | sufentanil citrate                                  |
| opiate agonists                         | propoxyphene napsylate/acetaminophen                |
| opiate agonists                         | remifentanil hel                                    |
| opiate agoinsts                         | ICHIHICHAIIII IICI                                  |