# SAPC Data Brief

## **COUNTY OF LOS ANGELES** Substance Abuse Prevention and Control (SAPC)

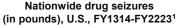
# Methamphetamine Misuse/Abuse and Consequences

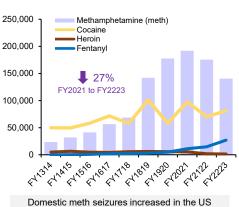
April 2024

### **Availability**

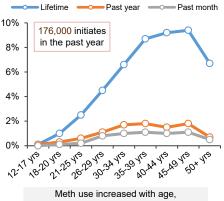
## **Prevalence**

#### **Health Conditions**



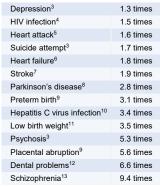


Lifetime, past year, and past month meth use by age, U.S., 20222



peaking at age 35-49, and then decreased

Increased risk of adverse outcomes associated with meth use (vs. non-use)

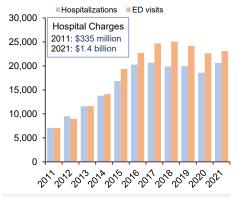


Meth use is associated with many adverse health outcomes

### **Healthcare Utilization**

following FY1819, then declined after FY2021

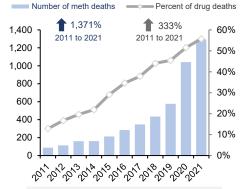
### Meth-related hospitalizations and ED visits, Los Angeles County (LAC), 2011-202114



Meth-related hospitalizations and ED visits increased from 2011-2017 and has remained high in LAC

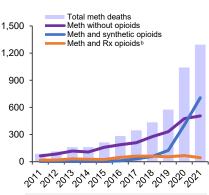
# **Deaths**

#### Meth overdose-related deaths, LAC, 2011-2021<sup>15</sup>



Meth-related deaths and its percent of all drug deaths in LAC increased from 2011-2021

Meth overdose-related deaths by opioid involvement, LAC, 2011-202115

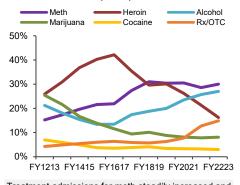


Over half of meth-related deaths in 2021 involved synthetic opioids (fentanyl)

a Meth-related includes records listing methamphetamine abuse, use, dependence, or poisoning (excluding in remission) as a diagnosis or an external cause of injury. BRx opioids includes natural/semi-synthetic and methadone.

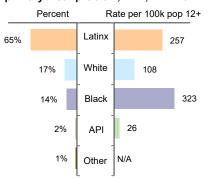
#### **Treatment Admissions**

#### Primary drug problem at treatment admission, LAC, FY1213-222316



Treatment admissions for meth steadily increased and became the most common drug problem in FY1819

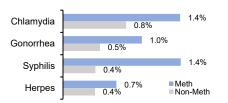
#### Race/ethnicity among patients with primary meth problem, LAC, FY222316



Latinx accounted for the largest number, while Blacks had the highest rate of primary meth admissions in LAC Meth use before/during sex among patients with primary meth problem, LAC, FY2223<sup>16</sup>



Diagnosed STDs among patients with primary meth and non-meth problem, LAC, FY222316



Primary meth clients had higher rates of STDs than clients with other primary drug problems in LAC

# **SAPC Data Brief**

# Methamphetamine Misuse/Abuse and Consequences



April 2024

**Availability** 

#### Prevalence

#### **Health Conditions**

Most of the methamphetamine (meth) available in the United States is now produced in Mexico and smuggled through the Southwest Border<sup>17</sup>. According to the U.S. Customs and Border Protection<sup>1</sup>, meth seizures increased by 715% from 23,543 pounds in FY1314 (fiscal year from October to September) to 191,834 pounds in FY2021, then decreased by 27% in FY2223. Meth seizures increased more rapidly than cocaine and heroin.

The majority of drug seizures for meth in the U.S. occur in the western/midwestern regions. In 2022, Los Angeles was among the cities with the highest percentages of all drugs seized and submitted to forensic laboratories that were identified as meth at 63%, which was higher than the national average of 29% 18.

According to the 2022 National Survey on Drug Use and Health<sup>2</sup>, among individuals aged 12+, about 16,588,000 (5.9%) had ever used meth, 2,705,000 (1%) used meth in the past year, 1,685,000 (0.6%) used meth in the past month, and 176,000 initiated meth use in the U.S.

Meth use increased with age and was highest for those aged 35-49 years. According to the 2021 Youth Risk Behavior Survey<sup>19</sup>, ever use of meth among high school students in LAC (2.0%) was higher than the national average (1.8%).

Meth use is associated with increased risk of cardiovascular and cerebrovascular conditions (e.g., heart attack<sup>5</sup>, heart failure<sup>6</sup>, stroke<sup>7</sup>), brain conditions (e.g., psychosis<sup>3</sup>, depression<sup>3</sup>, suicide attempt<sup>3</sup> Parkinson's disease<sup>8</sup>, schizophrenia<sup>13</sup>), blood-borne and sexually transmitted infections (e.g., HIV<sup>4</sup>, hepatitis C virus<sup>10</sup>), adverse birth outcomes (e.g., preterm birth<sup>8</sup>, placental abruption<sup>9</sup>, low birth weight<sup>11</sup>), dental problems<sup>12</sup>, and other adverse health conditions.

#### **Healthcare Utilization**

According to the Department of Health Care Access and Information (HCAI)<sup>14</sup>, hospital discharge records listing any methrelated diagnosis or external cause of injury (i.e., abuse, use, dependence, or poisoning) in LAC increased by 191% from 7,090 in 2011 to 20,639 in 2021. The number of meth-related ED visits in LAC increased by 229% from 7,017 in 2011 to 23,064 in 2021.

Meth-related ED visits occurred mostly among males, Latinx, and those aged 18-34 years. Meth-related hospitalizations occurred mostly among males, Latinx, and those aged 35-54 years.

The mean charge for meth-related hospitalizations increased by 45% from \$47,265 in 2011 to \$68,492 in 2021 (adjusted for inflation to 2022 US dollars). Total hospital charges for meth-related hospitalizations in LAC increased by 322% from \$335 million in 2011 to \$1.4 billion in 2021. Meth-related hospitalizations in LAC resulted in \$10.3 billion in total charges from 2011 to 2021.

According to death certificate data from the Centers for Disease Control and Prevention<sup>15</sup>, the number of deaths in LAC listing drug overdose as the underlying cause of death with meth poisoning as a cause of death increased 1,371% from 88 in 2011 to 1,294 in 2021.

The percent of all underlying drug overdose deaths that listed meth poisoning as a cause of death increased from 13% in 2011 to 56% in 2021

Meth overdose deaths in LAC greatly increased for all racial/ethnic groups over the last five years. Sharp increases occurred for all race/ethnicities from 2019 to 2021, particularly for Blacks.

In LAC, overdose deaths that jointly listed meth and opioid poisoning as causes of death increased over the past decade, with a growing presence of synthetic opioids since 2016. As of 2021, more than half (55%) of meth overdose deaths co-occurred with synthetic opioids (which may include illicitly manufactured fentanyl).

However, regardless of opioid involvement, meth overdose deaths have steadily increased since 2010 and remain high. Specifically, meth overdose deaths (not including opioids) increased by 52% from 332 deaths in 2019 to 506 deaths in 2021.

### **Treatment Admissions**

According to the Los Angeles County Participant Reporting System and Sage data<sup>16</sup>, the proportion of admissions to publicly funded substance used disorder (SUD) treatment programs in LAC for a primary meth problem has been increasing since FY1213 (fiscal year July to June).

In FY1819, meth surpassed heroin and became the most common reported drug problem at admission to publicly funded SUD treatment programs in LAC, and remained the top drug problem thereafter. In FY2223, meth accounted for 30% of treatment admissions.

In FY2223, Latinx (65%) patients accounted for the largest proportion of SUD treatment admissions with meth as the primary drug problem, followed by White (17%), Black (14%) and Asian/Pacific Islander (2%) clients.

The rate of primary meth admissions was highest among Black patients (323), followed by Latinx clients (257), White (108) and Asian/Pacific Islander (26) patients per 100,000 population aged 12 or older in FY2223.

In FY2223, 62% of patients who reported meth as their primary drug problem had used meth before or during sex in the past year.

Compared to patients who reported other primary drug problems, primary meth patients had higher rates of diagnosed chlamydia (1.4% vs. 0.8%), gonorrhea (1.0% vs. 0.5%), syphilis (1.4% vs. 0.4%), and herpes (0.7% vs 0.4%).

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**Deaths** 

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