





# Substance Use Among Native Hawaiians and Other Pacific Islanders

Native Hawaiians and Other Pacific Islanders (NHOPI) might be vulnerable to substance use due to risk factors such as low socioeconomic status, mental disorders, cultural stressors, historical trauma, and chronic pain. <sup>1, 2</sup>

### **United States**

Asian/Pacific Islander, non-Hispanic individuals had an opioid overdose death rate of 345 per 100,000 opioid overdoses in 2018.<sup>3</sup>

NHOPI in the US tend to have a higher lifetime illicit drug dependence than other racial groups. 4

In 2016, NHOPI had the second-lowest prevalence of substance use treatment among all identified ethnic groups.<sup>7</sup>

## Hawai'i

NHOPI Unintentional Poisoning Death Rate in 2015:<sup>6</sup>

37.3%

Estimated Number Of Past Year Opioid Use In HI (2015 - 2018):<sup>5</sup>

~3,000

**Native Hawaiians** 

~2,000

**Other Pacific Islanders** 



The lack of data disaggregation may underestimate the prevalence of opioid misuse and overdose among Native Hawaiian and Other Pacific Islanders. The OD2A-C3 project aims to provide additional infographic(s) that will look at the subgroup differences among specific ethnic groups.

Please scan QR code for more information:

This project is funded by the CDC Overdose Data to Action Project through the Hawai'i State Department of Health, Behavioral Health Administration.

This infographic was developed by the OD2A-C3 team and DOH partners: Zedrick-Kyle Oda, Yeonjung Jane Lee, Mei Linn Park, Amy Curtis, Tammie Smith, and Seunghye Hong.

Visit Our Website: http://manoa.hawaii.edu/c3od2a/

























#### References

- 1) Bollinger, M. J., Hudson, T. J., Hu, B., Han, X., Long, C. R., & McElfish, P. (2020). The relationship between sociodemographic, behavioral, and clinical variables and pain in the Native Hawaiian and Pacific Islander population. Asian American Journal of Psychology, 11(1), 49-58. http://dx.doi.org.eres.library.manoa.hawaii.edu/10.1037/aap0000173
- 2) Pokhrel, P., & Herzog, T. A. (2014). Historical trauma and substance use among Native Hawaiian college students. American journal of health behavior, 38(3), 420–429. https://doi.org/10.5993/AJHB.38.3.11
- 3) Wilson N, Kariisa M, Seth P, et al. Drug and Opioid-Involved Overdose Deaths United States, 2017–2018, Morbidity and Mortality Weekly Report. March 20, 2020; 69(11);290–297, https://www.cdc.gov/mmwr/volumes/69/wr/mm6911a4.htm#T1\_down. Accessed August 8, 2021.
- 4) Sakai, J. T., Wang, C., & Price, R. K. (2010). Substance use and dependence among Native Hawaiians, Other Pacific Islanders, and Asian ethnic groups in the United States: contrasting multiple-race and single-race prevalence rates from a national survey. Journal of ethnicity in substance abuse, 9(3), 173–185. https://doi.org/10.1080/15332640.2010.500582
- 5) Hawai'i Behavioral Health Dashboard (HBHD. (2020). National Survey on Drug Use and Health. Substance Use Dashboard. https://www.hawaii.edu/aging/hbhd/.
- 6) Hawaii State Department of Health. (2017, February). Poisoning Death Rate (Unintentional). Hawaiii Health Matters. http://www.hawaiihealthmatters.org/indicators/index/view? indicatorId=2405&localeId=14.
- 7)Centers for Disease Control and Prevention. 2018 Annual Surveillance Report of Drug-Related Risks and Outcomes United States, Table 2F page 58. Surveillance Special Report. Centers for Disease Control and Prevention, U.S. Department of Health and Human Services. Published August 31, 2018. Accessed September 30, 2021 from https://www.cdc.gov/drugoverdose/pdf/pubs/2018- cdc-drug-surveillance-report.pdf.





















# Substance Use Among Native Hawaiians and Other Pacific Islanders

Native Hawaiians and other Pacific Islanders (NHOPI) face multifaceted risk factors such as low socioeconomic status, mental disorders, cultural stressors, historical trauma, and chronic pain that could lead to coping with substances. $^{1, 2}$ 

### **United States**

Pacific Islanders, Asians, and Non-Hispanics had an opioid overdose death rate of 345 per 100,000 opioid overdoses in 2018.<sup>3</sup>

**NHOPI** in the **US** tend to have a **higher lifetime illicit drug dependence** than other racial groups.<sup>4</sup>

In 2016, NHOPI had the second-lowest prevalence of substance use treatment among all identified ethnic groups.<sup>7</sup>

### Hawai'i

Approximately **3,000 Native Hawaiians** and **2,000 Other Pacific Islanders** reported using opioids in the past year through out **2015 to 2018.**<sup>5</sup>

Native Hawaiians and Other Pacific Islanders had an Unintentional Poisoning Death Rate of 37.3% in 2015.

The lack of data disaggregation may underestimate the prevalence of opioid misuse and overdose among Native Hawaiian and Other Pacific Islanders. The OD2A-C3 project aims to provide additional infographic(s) that will look at the subgroup differences among specific ethnic groups.

Please scan QR code for more information:

This project is funded by the CDC Overdose Data to Action Project through the Hawai'i State Department of Health, Behavioral Health Administration.

This infographic was developed by the OD2A-C3 team and DOH partners: Zedrick-Kyle Oda, Yeonjung Jane Lee, Mei Linn Park, Amy Curtis, Tammie Smith, and Seunghye Hong.



Visit Our Website: http://manoa.hawaii.edu/c3od2a/





















#### References

- 1) Bollinger, M. J., Hudson, T. J., Hu, B., Han, X., Long, C. R., & McElfish, P. (2020). The relationship between sociodemographic, behavioral, and clinical variables and pain in the Native Hawaiian and Pacific Islander population. Asian American Journal of Psychology, 11(1), 49-58. http://dx.doi.org.eres.library.manoa.hawaii.edu/10.1037/aap0000173
- 2) Pokhrel, P., & Herzog, T. A. (2014). Historical trauma and substance use among Native Hawaiian college students. American journal of health behavior, 38(3), 420–429. https://doi.org/10.5993/AJHB.38.3.11
- 3) Wilson N, Kariisa M, Seth P, et al. Drug and Opioid-Involved Overdose Deaths United States, 2017–2018, Morbidity and Mortality Weekly Report. March 20, 2020; 69(11);290–297, https://www.cdc.gov/mmwr/volumes/69/wr/mm6911a4.htm#T1\_down. Accessed August 8, 2021.
- 4) Sakai, J. T., Wang, C., & Price, R. K. (2010). Substance use and dependence among Native Hawaiians, Other Pacific Islanders, and Asian ethnic groups in the United States: contrasting multiple-race and single-race prevalence rates from a national survey. Journal of ethnicity in substance abuse, 9(3), 173–185. https://doi.org/10.1080/15332640.2010.500582
- 5) Hawai'i Behavioral Health Dashboard (HBHD. (2020). National Survey on Drug Use and Health. Substance Use Dashboard. https://www.hawaii.edu/aging/hbhd/.
- 6) Hawaii State Department of Health. (2017, February). Poisoning Death Rate (Unintentional). Hawaiii Health Matters. http://www.hawaiihealthmatters.org/indicators/index/view? indicatorId=2405&localeId=14.
- 7)Centers for Disease Control and Prevention. 2018 Annual Surveillance Report of Drug-Related Risks and Outcomes United States, Table 2F page 58. Surveillance Special Report. Centers for Disease Control and Prevention, U.S. Department of Health and Human Services. Published August 31, 2018. Accessed September 30, 2021 from https://www.cdc.gov/drugoverdose/pdf/pubs/2018- cdc-drug-surveillance-report.pdf.













