THE UNIVERSITY OF ARIZONA
MEL & ENID ZUCKERMAN COLLEGE OF PUBLIC HEALTH
Center for Rural Health

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Data Sources on Opioid Use

Purpose:

The Arizona Center for Rural Health (AzCRH) compiled the following list of data sources to assist agencies, non-profit groups, organizations, community groups, and coalitions with collecting and assessing data on opioid use. This data can be used in conjunction with Social Determinants of Health data to identify areas of need to inform grant and program development, and implementation.

This is not an exhaustive list, but it can serve as a starting point to compile and assess data on opioid use. In developing grant proposals and selecting programs or interventions to prevent or treat opioid or other substance use disorders, the AzCRH recommends the use of evidence based prevention and treatment approaches that integrate harm reduction and anti-stigma strategies.

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Data Sources:

1) Overview of Substance misuse, abuse, and addiction

National Institute on Drug Abuse Report Drugs, Brains, and Behavior, the Science of Addiction
https://d14rmgtrwzf5a.cloudfront.net/sites/default/files/soa_2014.pdf

National Institutes of Health Biology of Addiction
https://newsinhealth.nih.gov/2015/10/biology-addiction

The Surgeon General's Report on Alcohol, Drugs, and Health: At a Glance
https://addiction.surgeongeneral.gov/sites/default/files/report-highlights.pdf

2) National Data

National Overview
Annual Surveillance Report of Drug-Related Risks and Outcomes
https://www.cdc.gov/drugoverdose/pdf/pubs/2017-cdc-drug-surveillance-report.pdf

Rural vs. Urban opioid death rates
 "The drug overdose death rate in rural areas is higher than in urban areas," said CDC Director Brenda Fitzgerald, M.D. "We need to understand why this is happening so that our work with states and communities can help stop illicit drug use and overdose deaths in America." https://www.cdc.gov/media/releases/2017/p1019-rural-overdose-deaths.html

Morbidity & Mortality Weekly Report Illicit Drug Use, Illicit Drug Use Disorders, and Drug Overdose Deaths in Metropolitan and Nonmetropolitan Areas — United States
https://www.cdc.gov/mmwr/volumes/66/ss/ss6619a1.htm?s_cid=ss6619a1_w

3) ADHS Weekly Opioid Report

The weekly opioid report includes data on possible opioid overdoses and deaths and other data elements. Most of the data is at the state level. County level data is available for Naloxone administration and suspected overdose related events without fatality. Metropolitan data on suspected opioid related overdose for Phoenix and Tucson is included. http://www.azdhs.gov/documents/prevention/womens-childrens-health/injury-prevention/opioid-prevention/opioid-report.pdf

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4) ADHS community profile data

ADHS Community Profile Dashboard page has the data up to 2015 on drug-induced deaths, opiates/opioids contributing to deaths, heroin contributing to deaths, & pharmaceutical opioids contributing to deaths. Data is available at the state and county level. This data is available within the mortality indicator.
https://www.azdhs.gov/gis/community-profiles-dashboard/index.php

5) Native American-Tribal data

Arizona Department of Health Services Tribal Liaison https://www.azdhs.gov/director/tribal-liaison/index.php

Tribal Epidemiology Centers https://tribalepicenters.org/inter-tribal-council-of-arizona-tribal-epidemiology-center/

Albuquerque Area Southwest Tribal Epidemiology Center Opioid Fact Sheet
https://tribalepicenters.org/blog/2018/03/14/the-opioid-crisis-impact-on-native-american-communities/

National Congress of American Indians Policy Research Center, Research policy update
http://www.ncai.org/NCAI_PRC_Research_Policy_Update_-_Opioids_March_2018_FINAL.pdf

National Indian Health Board One Pager http://www.ncai.org/NCAI_PRC_Research_Policy_Update_-_Opioids_March_2018_FINAL.pdf

6) The County Health Rankings and Roadmap data on Overdose rate

Arizona (by county) Drug Overdose Rate:
http://www.countyhealthrankings.org/app/arizona/2018/measure/factors/138/data?sort=desc-3

7) This Issue Brief from Center for Population Science and Discovery

Includes data from hospitals on Emergency Department visits related to substance use disorders (including opioid abuse/dependence). Data is available at the state and county level.
https://pophealth.uahs.arizona.edu/sites/default/files/uploads/issue_brief_vol_1_issue_1.pdf

8) Health Resources

Health Resources & Services Administration Fact Sheets https://datawarehouse.hrsa.gov/Tools/FactSheets.aspx

HRSA Shortage Areas https://datawarehouse.hrsa.gov/topics/shortageAreas.aspx
Health Professional Shortage Area (HPSA) Find
https://datawarehouse.hrsa.gov/tools/analyzers/hpsafind.aspx
Medically Underserved Area/Medically Underserved Population (MUA/MUP) Find
https://datawarehouse.hrsa.gov/tools/analyzers/muafind.aspx

Arizona Department of Health Services (ADHS) Shortage Areas
https://www.azdhs.gov/prevention/health-systems-development/shortage-designation/index.php

ADHS Arizona Designation of Arizona Medically Underserved Areas
https://www.azdhs.gov/documents/prevention/health-systems-development/data-reports-maps/reports/azmua-biennial-report.pdf
ADHS Arizona Primary Care Needs Assessment
https://www.azdhs.gov/documents/prevention/health-systems-development/data-reports-maps/reports/primary-care-needs-assessment.pdf

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