**Integrated Provider Network Grant**

**County Assessment Workbook**

***Add County and***

***IPN Contracted Agency Name***

****

**Prevention Priority Areas**

*Alcohol, Marijuana, Methamphetamine, Prescription Medication/Opioids,*

*Problem Gambling, Suicide and Tobacco*

**Iowa Department of Public Health,**

**Bureau of Substance Abuse**

****

**December 2020**

# **County Assessment Workbook Contributors**

List the names of County Assessment Workbook (CAW) contributors, the organizations they represent and the specific contributions they made to complete this workbook (such as providing data, assistance with interpreting data, conducting interviews, etc.) in Table 1 below. This table should reflect that a diverse group of county stakeholders were engaged in the completion of the workbook, including representatives from the Community Partnership grant identified coalition or a subcommittee of the coalition. In the event a workbook contributor does not want their name shared publicly, simply indicate N/A in the Name column. Please do not include the names here of anyone whose contributions or responses should be kept confidential or anonymous, such as the names of focus group attendees.

**Table 1.** Workbook Contributors

|  |  |  |
| --- | --- | --- |
| **Name** | **Organization** | **Contribution** |
| Dr. Toby V. Yak | Iowa Department of Public Health | Collection and analysis of state and county indicators  |
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# **Data Sources**

The Table below provides a list of the data sources used in this workbook as well as a description of the data and where it came from.

To help support the data collection and review process, the Iowa Department of Public Health (IDPH) has provided a variety of county-level data which focus in the priority areas in the CAW available through the Integrated Provider Network (IPN) CAW Data Spreadsheet. Data sources with counts of five people or less were suppressed or not included in the spreadsheet to protect confidentiality. This suppression is noted with an asterisk (see the notes section at the bottom of each sheet where applicable).

In addition to the data provided by IDPH, other local data sources should be reviewed to support this process. Please add rows at the end of the table to describe each additional source from which local data were collected.

**Table 2.** CAW Data Sources

|  |  |  |
| --- | --- | --- |
| **Data Source** | **Data Description** | **Data Location** |
| Alcoholic Beverages Division (ABD) 2019 Annual Report and Licensing Information | The Iowa Alcoholic Beverages Division is responsible for the regulation, control and enforcement of state and federal laws and regulations regarding the sale and use of alcohol and tobacco products. | <https://abd.iowa.gov/annual-reports>  |
| Behavioral Risk Factor Surveillance System (BRFSS) | BRFSS is a state-based system of health surveys that collects information on health risk behaviors, preventive health practices, and health care access primarily related to chronic disease and injury. | Data provided by IDPH |
| Centers for Disease Control and Prevention (CDC) Wide-ranging ONline Data for Epidemiologic Research (CDC WONDER) | CDC WONDER a public resource application that manages nearly 20 collections of public-use data for U.S. births, deaths, cancer diagnoses, tuberculosis cases, vaccinations, environmental exposures, and population estimates. | Data provided by IDPH  |
| Central Data Repository (CDR) | CDR is a data repository containing substance use disorder treatment data as reported by Iowa’s licensed SUD treatment providers. | Data provided by IDPH |
| Criminal & Juvenile Justice Planning (CJJP): Iowa Easy Access to Adult Court Data (EZAACD) | Iowa EZAACD provides access to multiple years of adult court disposed charges and convictions, including information on the district, county, age, sex, and race of defendants, and charge details (level, type and subtype). | Data provided by IDPH |
| Inpatient & Outpatient (IPOP) and Vital Records data | The Iowa Department of Public Health (IDPH) through the Inpatient & Outpatient (IPOP) and Vital Records data provide incidence and consequence related data for emergency department visits, hospitalizations, and deaths.  | Data provided by IDPH |
| Iowa Lottery Annual Report | Shows net sale and fiscal year sales for a five year period by county. | <https://www.pageturnpro.com/Iowa-Lottery/93204-FY-2019-Annual-Report/sdefault.html#page/24> |
| Iowa Prescription Monitoring Program (PMP) | Iowa PMP collects and monitors prescription data for all Schedule II, III, and IV controlled substance dispensed by the pharmacy to ambulatory patients.  | Data provided by IDPH  |
| Iowa Youth Survey (IYS) | IYS is a statewide school survey of 6th, 8th, and 11th graders.  | <http://www.iowayouthsurvey.iowa.gov/> |
| Iowa Racing and Gaming Commission 2019 Annual Report and Licensing Information | Iowa Gaming and Racing Commission have full jurisdiction over and supervises all race meetings and gambling excursions governed by Iowa Code Chapters 99D and 99F. | <https://irgc.iowa.gov/sites/default/files/documents/2020/03/annual_report_2019.pdf><https://irgc.iowa.gov/licensing-information> |
| United States Census Bureau | The Census Bureau provides quality data about the nation’s people and economy. | Data provided by IDPHState level data available at <https://data.census.gov/cedsci/>  |
| Local Data (to be added) |  |  |

# **Section 1: County Description**

This first section of the workbook will highlight information about the county, including data specific to demographics and a county overview. Complete Table 3 using the data IDPH provided for the county.

***Demographics and Socioeconomic Status Data***

**Table 3.** Demographics and Socioeconomic Status

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Demographics (2018)** | **Description** | **[Enter County]** **(N)** | **[Enter County]****(%)** | **Iowa****(N)** | **Iowa****(%)** |
| Sex | Male |  |  |  |  |
| Female |  |  |  |  |
| Total  |  |  |  |  |
| Age (in years) | ≤ 14 |  |  |  |  |
| 15 24 |  |  |  |  |
| 25 to 44 |  |  |  |  |
| 45 to 64 |  |  |  |  |
| 66+ |  |  |  |  |
| Race  | White |  |  |  |  |
| Black or African American |  |  |  |  |
| American Indian or Alaska Native |  |  |  |  |
| Asian or Pacific Islander |  |  |  |  |
| Ethnicity | Hispanic or Latino |  |  |  |  |
| Not Hispanic or Latino |  |  |  |  |
| **Socioeconomic Status (2018)**  |
| Income  | Median Household Income |  | n/a |  | n/a |
| Economic Insecurity (16 years or older) | Current Unemployment | n/a |  | n/a |  |
| Educational Attainment (18 to 24 years) | Less than High School Graduate  |  |  |  |  |
| High School Graduate |  |  |  |  |
| Some College or Associate Degree  |  |  |  |  |
| Bachelor’s Degree or Higher |  |  |  |  |

**County Description**

Utilizing the information above, provide a brief description of the county. Include the following:

* What makes it unique?
* What are some particular barriers or conditions that may exist that are noteworthy in relation to alcohol, marijuana, methamphetamine, prescription medication/opioids, problem gambling, suicide and tobacco?
* What are the particular assets or strengths that are particular to the county?

**Section 2: County Issues**

This section of the workbook focuses on the current county substance misuse and problem gambling issues and will to help identify concerns in the county. The following substances and issues that are priority areas within the Integrated Provider Network (IPN) grant will be examined. Only data that focuses on the areas below are provided and should be included this workbook:

|  |  |
| --- | --- |
| **Priority Area** | **Priority Focus** |
| Alcohol | Heavy Drinking (Ages 25-65) |
| Marijuana | Youth Marijuana Use (Ages 12-20) |
| Methamphetamine | All Ages |
| Prescription MedicationOpioids | Adult Prescription Medication Misuse (Ages 65 and older)All Ages |
| Tobacco | Youth Tobacco Use (Ages 12-20) |
| Problem Gambling | Adults (Ages 21 and older) |
| Suicide | All Ages |

Prescription medication and opioids are combined in this CAW. Contractors will need to identify local data related to each priority area and focus area in this document.

Data included in this CAW are data available to IDPH and available at the county level. These data are not exhaustive and some priority areas have more data than others. Please help IDPH identify other data sources you are aware of and offer suggestions on how the data gaps may be closed. In places where no or limited data are available, discuss any information available to begin identifying possibilities while the IPN assesses other data options.

**Alcohol**

***Adult Drinking***

Tables 4 and 5 look at adult past 30-day alcohol use and heavy drinking. Complete Tables 4 and 5 using the data IDPH provided for the county.

**Table 4.** Percentage of Adults (18 Years and Older) Who Reported Past 30-Day Alcohol Use, BRFSS, 2011-2018

|  |  |  |  |
| --- | --- | --- | --- |
| **Geographic Area** | **2012-2015** | **2014-2017** | **2015-2018** |
| State of Iowa  |  |  |  |
| [Enter County] |  |  |  |

**Table 5.** Percentage of Adults (18 Years and Older) Who Reported [Heavy Drinking](https://www.cdc.gov/alcohol/data-stats.htm#:~:text=Excessive%20alcohol%20use%2C%20either%20in,risk%20of%20many%20health%20problems), BRFSS, 2011-2018

|  |  |  |  |
| --- | --- | --- | --- |
| **Geographic Area** | **2012-2015** | **2014-2017** | **2015-2018** |
| State of Iowa  |  |  |  |
| [Enter County] |  |  |  |

## Other Local Data

Consider and analyze other local data that will help identify and detail county experiences around adult heavy drinking. If there are other local data available, describe the source and results below.

Based on Table 4, along with other county data, how does adult past 30-day alcohol use compare to adult past 30-day alcohol use across the state? Discuss the differences.

Based on Table 5, along with other county data, how does adult heavy drinking compare to adult heavy drinking across the state? Discuss the differences.

**Final Alcohol Consumption Question**

Based on the alcohol consumption data analyzed, what are the county’s major concerns surrounding the impact of adult past 30-day alcohol use and adult heavy drinking? Justify the response.

**Marijuana**

***Youth Marijuana Use***

Table 6 looks at youth past 30-day marijuana use. Complete Table 6 using the data IDPH provided for the county.

**Table 6.** Percent of Youth Who Reported Past 30-Day Marijuana Use; IYS, 2014-2018

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Geographic Area** | **Grade** | **2014****[IYS B40]** | **2016****[IYS B40]** | **2018****[IYS B40]** |
| State of Iowa | 6th Grade |  |  |  |
| 8th Grade |  |  |  |
| 11th Grade |  |  |  |
| All Grades |  |  |  |
| [Enter County] | 6th Grade |  |  |  |
| 8th Grade |  |  |  |
| 11th Grade |  |  |  |
| All Grades |  |  |  |

## Other Local Data

Consider and analyze other local data that will help identify and detail impacts around youth marijuana consumption. If there are other local data available, describe the source and results below.

**Youth Marijuana Use**

Based on Table 6, along with other county data, how does youth past 30-day marijuana use compare to youth past 30-day marijuana use across the state? Discuss the differences.

**Final Marijuana Consumption Question**

Based on the marijuana consumption data analyzed, what are the county’s major concerns surrounding the impact of youth marijuana use? Justify the response.

**Methamphetamine**

***Youth Methamphetamine Use***

Table 7 looks at youth past 30-day methamphetamine use. Complete Table 7 using the data IDPH provided for the county.

**Table 7.** Percent of Youth Who Reported Past 30-Day Methamphetamine Use; IYS, 2014-2018 **[IYS Question B48, B49 & B47]**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Geographic Area** | **Grade** | **2014****[IYS B48]** | **2016****[IYS B49]** | **2018****[IYS B47]** |
| State of Iowa | 6th Grade |  |  |  |
| 8th Grade |  |  |  |
| 11th Grade |  |  |  |
| All Grades |  |  |  |
| [Enter County] | 6th Grade |  |  |  |
| 8th Grade |  |  |  |
| 11th Grade |  |  |  |
| All Grades |  |  |  |

**Other Local Data**

Consider and analyze other local data that will help identify and detail impacts around methamphetamine use in the county. If there are other local data available, describe the source and results below.

Based on Table 7, along with other county data, how does methamphetamine use compare to methamphetamine use across the state? Discuss the differences.

**Final Methamphetamine Use Question**

Based on the methamphetamine data analyzed, what are the county’s major concerns surrounding the impact of methamphetamine use? Justify the response.

**Prescription Medications/Opioids**

Table 8 looks at opioid prescriptions filled. Complete Table 8 using the data IDPH provided for the county.

***Adult Prescription Medication/Opioids Use***

**Table 8.** Number and Rate of Opioid Prescriptions Filled; Prescription Monitoring Program, 2016-2018.

|  |  |  |  |
| --- | --- | --- | --- |
| **Geographic Area** | **2016** | **2017** | **2018** |
| **N** | **Rate Per 100,000** | **N** | **Rate Per 100,000** | **N** | **Rate Per 100,000** |
| **State of Iowa**  |  |  |  |  |  |  |
| **[Enter County]** |  |  |  |  |  |  |

**Other Local Data**

Consider and analyze other local data that will help identify and detail impacts around prescription medication/opioids use in the county. If there are other local data available, describe the source and results below.

Based on Table 8, along with other local data, how does prescription medication/opioids use compare to prescription medication/opioids use across the state? Discuss the differences.

**Final Prescription Medication/Opioids Question**

Based on the prescription medication/opioids data analyzed, what are the county’s major concerns surrounding the impact of prescription medication/opioid use? Justify the response.

**Problem Gambling**

***Adult Problem Gambling***

Table 9 looks at adult problem gambling. Complete Table 9 using the BRFSS data IDPH provided for the county.

**Table 9.** Percentage of Adults (18 Years and Older) Who Reported That They Gambled or Bet for Money or Possessions in the Past 12 Months, BRFSS, 2011-2018.

|  |  |  |  |
| --- | --- | --- | --- |
| **Geographic Area** | **2012-2015** | **2014-2017** | **2015-2018** |
| State of Iowa  |  |  |  |
| [Enter County] |  |  |  |

## Other Local Data

Consider and analyze other local data that will help identify and detail impacts around adult gambling behaviors. If there are other local data available, describe the source and results below.

**Adult Problem Gambling**

Based on Table 9, along with other county data, how does adult problem gambling compare to adult gambling across the state? Discuss the differences.

**Final Problem Gambling**

Based on the gambling data analyzed, what are the county’s major concerns surrounding the impact of adult gambling? Justify the response.

**Suicide**

***Youth Suicide***

Table 10 looks at youth who seriously considered suicide in the past 12 months. Complete Table 10 using the IYS data IDPH provided for the county.

**Table 10.1** Percent of Youth Who Reported That They Seriously Considered Suicide in Past 12-Months; IYS, 2014-2016 **[IYS Question B66 & B68]**

|  |  |  |  |
| --- | --- | --- | --- |
| **Geographic Area** | **Grade** | **2014****[IYS B66]** | **2016****[IYS B68]** |
| State of Iowa | 6th Grade |  |  |
| 8th Grade |  |  |
| 11th Grade |  |  |
| All Grades |  |  |
| [Enter County] | 6th Grade |  |  |
| 8th Grade |  |  |
| 11th Grade |  |  |
| All Grades |  |  |

**Table 10.2.** Percent of Youth Who Reported That They Considered Suicide in Past 12-Months; IYS, 2018 **[IYS Question B63]**

|  |  |  |
| --- | --- | --- |
| **Geographic Area** | **Grade** | **2018****[IYS B63]** |
| State of Iowa | 6th Grade |  |
| 8th Grade |  |
| 11th Grade |  |
| All Grades |  |
| [Enter County] | 6th Grade |  |
| 8th Grade |  |
| 11th Grade |  |
| All Grades |  |

***Adult Mental Health***

Table 11 looks at adults who reported mental health issues in the past 30 months. Complete Table 11 using the data IDPH provided for the county.

**Table 11.** Percent of Adults (18 Years and Older) Who Reported That Their Mental Health Was Not Good in the Past 30 Months; BRFSS, 2012-2018

|  |  |  |  |
| --- | --- | --- | --- |
| **Geographic Area** | **2012-2015** | **2014-2017** | **2015-2018** |
| State of Iowa  |  |  |  |
| [Enter County] |  |  |  |

**Other Local Data**

Consider and analyze other local data that will help identify and detail impacts around suicide in the county. If there are other local data available, describe the source and results below.

Based on Tables 10.1 And 10.2, along with other county data, how does youth suicide thoughts compare to youth suicide thoughts across the state? Discuss the differences.

Based on Table 11, along with other county data, how does adult mental health compared to adult mental health across the state? Discuss the differences.

**Final Suicide Question**

Based on the youth suicide thoughts data and adult mental data analyzed, what are the county’s major concerns surrounding the impact of suicide? Justify the response.

**Tobacco**

***Youth Tobacco Use***

Tables 12 and 13 look at youth past 30-day cigarette and electronic cigarette use. Complete Tables 12 and 13 using the data IDPH provided for the county.

**Table 12.** Percent of Youth Who Smoked Cigarettes in the Past 30-Days; IYS, 2014-2018 **[IYS Question B32 & B34]**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Geographic Area** | **Grade** | **2014****[IYS B34]** | **2016****[IYS B32]** | **2018****[IYS B32]** |
| State of Iowa | 6th Grade |  |  |  |
| 8th Grade |  |  |  |
| 11th Grade |  |  |  |
| All Grades |  |  |  |
| [Enter County] | 6th Grade |  |  |  |
| 8th Grade |  |  |  |
| 11th Grade |  |  |  |
| All Grades |  |  |  |

**Table 13.** Percent of Youth Who Used Electronic Cigarettes in the Past 30-Days; IYS, 2014-2018

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Geographic Area** | **Grade** | **2014****[IYS B38]** | **2016****[IYS B39]** | **2018****[IYS B38]** |
| State of Iowa | 6th Grade |  |  |  |
| 8th Grade |  |  |  |
| 11th Grade |  |  |  |
| All Grades |  |  |  |
| [Enter County] | 6th Grade |  |  |  |
| 8th Grade |  |  |  |
| 11th Grade |  |  |  |
| All Grades |  |  |  |

**Other Local Data**

Please consider and analyze other local data that will help identify and detail impacts around youth tobacco consumption. If there are other local data available, describe the source and results below.

**Youth Tobacco Use**

Based on Table 12, along with other county data, how does youth past 30-day cigarette use compare to youth past 30-day cigarette use across the state? Discuss the differences.

Based on Table 13, along with other county data, how does youth e-cigarette use compare to youth e-Cigarette use across the state? Discuss the differences.

**Final Tobacco Consumption Question**

Based on the tobacco consumption data analyzed, what are the county’s major concerns surrounding the impact of youth tobacco use? Justify the response.

**Section 3: Consequences**

Section three looks at substance use and problem gambling consequence data. This information will help identify which substance use and problem gambling related consequences are of greatest concern in the county. Substance and gambling related consequences are defined as the social, economic, and health problems associated with substance use and problem gambling.

# **Alcohol**

***Adult Alcohol-Related Crimes***

Tables 14 and 15 look at adults who were convicted for liquor law violation and operating while intoxicated (OWI). Complete Tables 14 and 15 using the data IDPH provided for the county.

**Table 14.** Adult Operating While Intoxicated (OWI) Convictions, CJJP, 2016-2018

|  |  |  |  |
| --- | --- | --- | --- |
| **Geographic Area** | **2016** | **2017** | **2018** |
| **N** | **Rate Per 10,000** | **N** | **Rate Per 10,000** | **N** | **Rate Per 10,000** |
| State of Iowa  |  |  |  |  |  |  |
| [Enter County] |  |  |  |  |  |  |

**Table 15.** Adult Liquor Law Violations Convictions, CJJP, 2016-2018

|  |  |  |  |
| --- | --- | --- | --- |
| **Geographic Area** | **2016** | **2017** | **2018** |
| **N** | **Rate Per 100,000** | **N** | **Rate Per 100,000** | **N** | **Rate Per 100,000** |
| State of Iowa  |  |  |  |  |  |  |
| [Enter County] |  |  |  |  |  |  |

## Other Local Data

Consider and analyze other local data that will help identify and detail impacts around adult alcohol-related crimes. If there are other local data available, describe the source and results below.

**Alcohol Consequence Questions**

Based on Table 14, along with other county data, how does adult OWI convictions in the county compare to adult OWI convictions across the state? Discuss the differences.

Based on Table 15, along with other county data, how does adult liquor law violation convictions in the county compare to adult liquor law violation convictions across the state? Discuss the differences.

**Final Alcohol Consequence Question**

Based on the alcohol consequence data analyzed, what are the county’s major concerns surrounding adult alcohol-related consequences? Justify the response.

# **Marijuana**

***Youth Marijuana-Involved Consequences***

Table 16 looks at youth marijuana-related consequence. Complete Table 16 using the data IDPH provided for the county.

**Table 16.** Youth (10-17 years) Marijuana-Related Treatment Admissions, IDPH, 2012-2018

|  |  |  |  |
| --- | --- | --- | --- |
| **Geographic Area** | **2012-2016** | **2013-2017** | **2014-2018** |
| **N** | **Rate Per 100,000** | **N** | **Rate Per 100,000** | **N** | **Rate Per 100,000** |
| State of Iowa  |  |  |  |  |  |  |
| [Enter County] |  |  |  |  |  |  |

## Other Local Data

Consider and analyze other local data that will help identify and detail impacts around marijuana crimes and marijuana dependence and misuse. If there are other local data available, describe the source and results below.

**Marijuana Consequence Question**

Based on Table 16, along with other county data, how does youth marijuana treatment-related admissions in the county compare to marijuana-related treatment admissions across the state?

**Final Marijuana Consequence Question**

Based on the marijuana consequence data analyzed, what are the county’s major concerns surrounding youth treatment admissions? Justify your decision.

**Methamphetamine**

***Adult Methamphetamine Consequences***

Tables 17 and 18 look at psychostimulant-involved deaths and methamphetamine-related treatment admissions. Complete Tables 17 and 18 using the data IDPH provided for the county.

**Table 17.** Number and Rates of Psychostimulant-Involved Deaths, IDPH, 2012-2018

|  |  |  |  |
| --- | --- | --- | --- |
| **Geographic Area** | **2012-2016** | **2013-2017** | **2014-2018** |
| **N** | **Rate Per 100,000** | **N** | **Rate Per 100,000** | **N** | **Rate Per 100,000** |
| State of Iowa  |  |  |  |  |  |  |
| [Enter County] |  |  |  |  |  |  |

**Table 18.** Number and Rates of Methamphetamine-Related Treatment Admissions, IDPH, 2012-2018

|  |  |  |  |
| --- | --- | --- | --- |
| **Geographic Area** | **2012-2016** | **2013-2017** | **2014-2018** |
| **N** | **Rate Per 100,000** | **N** | **Rate Per 100,000** | **N** | **Rate Per 100,000** |
| State of Iowa  |  |  |  |  |  |  |
| [Enter County] |  |  |  |  |  |  |

**Other Local Data**

Consider and analyze other local data that will help identify and detail impacts around methamphetamine consequences in the county. If there are other local data available, describe the source and results below.

Based on Table 17, along with other county data, how does psychostimulant-involved deaths compare to psychostimulant-involved deaths across the state? Discuss the differences.

Based on Table 18, along with other county data, how does methamphetamine-related treatment compare to methamphetamine-related treatment across the state? Discuss the differences

**Final Methamphetamine Consequences Question**

Based on the methamphetamine consequence data analyzed, what are the county’s major concerns surrounding methamphetamines? Justify the response.

# **Prescription Medication/Opioids**

***Prescription Medication Consequences* - All Ages**

Tables 19 through 21 look at prescription medication-involved deaths, prescription medication-related emergency department visits, and prescription medication-related hospitalizations. Complete Tables 19 through 21 using the data IDPH provided for the county.

**Table 19.** Prescription Medication-Involved Deaths, IDPH, 2012-2018

|  |  |  |  |
| --- | --- | --- | --- |
| **Geographic Area** | **2012-2016** | **2013-2017** | **2014-2018** |
| **N** | **Rate Per 100,000** | **N** | **Rate Per 100,000** | **N** | **Rate Per 100,000** |
| State of Iowa  |  |  |  |  |  |  |
| [Enter County] |  |  |  |  |  |  |

**Table 20.** Prescription Medication-Related Emergency Department Visits, IDPH, 2016-2018

|  |  |  |  |
| --- | --- | --- | --- |
| **Geographic Area** | **2016** | **2017** | **2018** |
| **N** | **Rate Per 100,000** | **N** | **Rate Per 100,000** | **N** | **Rate Per 100,000** |
| State of Iowa  |  |  |  |  |  |  |
| [Enter County] |  |  |  |  |  |  |

**Table 21.** Prescription Medication-Related Hospitalizations, IDPH, 2016-2018

|  |  |  |  |
| --- | --- | --- | --- |
| **Geographic Area** | **2016** | **2017** | **2018** |
| **N** | **Rate Per 100,000** | **N** | **Rate Per 100,000** | **N** | **Rate Per 100,000** |
| State of Iowa  |  |  |  |  |  |  |
| [Enter County] |  |  |  |  |  |  |

## Other Local Data

Consider and analyze other local data that will help identify and detail impacts around prescription medication/opioids. If there are other local data available, describe the source and results below.

**Prescription Medication Consequence Question**

Based on Table 19, along other county data, how does prescription medication-involved deaths compare to prescription-involved deaths across the state? Discuss the differences.

Based on Table 20, along with other county data, how does prescription medication-related emergency department visits compare to prescription medication-related emergency department visits across the state? Discuss the differences.

Based on Table 21, along with other county data, how does prescription medication-related hospitalizations compare to prescription medication-related hospitalizations across the state? Discuss the differences.

**Final Prescription Medication/Opioid Consequence Question**

Based on the prescription medication consequence data analyzed, what are the county’s major concerns surrounding prescription medication-involved deaths, prescription medication-related emergency department visits, and prescription medication-related hospitalizations? Justify the response.

# **Problem Gambling**

***Adult Problem Gambling Consequences***

Table 22 looks at adult gambling convictions. Complete Table 22 using the data IDPH provided for the county.

**Table 22.** Adult Gambling Convictions, CJJP, 2016-2018

|  |  |  |  |
| --- | --- | --- | --- |
| **Geographic Area** | **2016** | **2017** | **2018** |
| **N** | **Rate Per 10,000** | **N** | **Rate Per 10,000** | **N** | **Rate Per 10,000** |
| State of Iowa  |  |  |  |  |  |  |
| [Enter County] |  |  |  |  |  |  |

## Other Local Data

Consider and analyze other local data that will help identify and detail impacts around adult gambling crimes. If there are other local data available, describe the source and results below

**Problem Gambling Consequence Questions**

Based on Table 22, along with other county data, how does adult gambling convictions compare to adult gambling convictions across the state? Discuss the differences.

**Final Problem Gambling Consequence Question**

Based on the problem gambling consequence data analyzed, what are the county’s major concerns surrounding adult problem gambling? Justify your decision.

**Suicide**

***Suicide Deaths – All Ages***

Table 23 looks at suicide deaths. Complete Table 23 using the data IDPH provided for the county.

**Table 23.** Number and Rates of Suicide Deaths, IDPH, 2012-2018

|  |  |  |  |
| --- | --- | --- | --- |
| **Geographic Area** | **2012-2016** | **2013-2017** | **2014-2018** |
| **N** | **Rate Per 100,000** | **N** | **Rate Per 100,000** | **N** | **Rate Per 100,000** |
| State of Iowa  |  |  |  |  |  |  |
| [Enter County] |  |  |  |  |  |  |

**Other Local Data**

Consider and analyze other local data that will help identify and detail impacts around suicide deaths in the county. If there are other local data available, describe the source and results below.

Based on Table 23, along with other county data, how does suicide death rate compare to suicide death rate across the state? Discuss the differences.

**Final Suicide Consequence Question**

Based on the suicide consequence data analyzed, what are the county’s major concerns surrounding suicides? Justify the response.

# **Tobacco**

***Tobacco-Related Consequence* - All Ages**

Table 24 looks at tobacco consequence. Complete Table 24 using the data IDPH provided for your county.

**Table 24.** Number and Rates of Lung Cancer Mortality Attributed to Tobacco Use, CDC WONDER, 2016-2018

|  |  |  |  |
| --- | --- | --- | --- |
| **Geographic Area** | **2016** | **2017** | **2018** |
| **N** | **Rate Per 10,000** | **N** | **Rate Per 10,000** | **N** | **Rate Per 10,000** |
| State of Iowa  |  |  |  |  |  |  |
| [Enter County] |  |  |  |  |  |  |

## Other Local Data

Consider and analyze other local data that will help identify and detail impacts around tobacco-related consequences. If there are other local data available, describe the source and results below.

**Tobacco Consequence Questions**

Based on Table 24, along with other county data, how does lung cancer mortality in the county compare to lung cancer mortality across the state? Discuss the differences.

**Final Tobacco Consequence Question**

Based on the tobacco consequence data analyzed, what are the county’s major concerns surrounding lung cancer mortality attributed to tobacco use? Justify the response.

# **Section 4: Intervening Variables and Underlying Conditions**

The last part of this workbook focuses on identifying intervening variables and underlying conditions. This will build upon what has been learned and help focus further information gathering efforts.

After the review of available data, stop and consider what has been learned thus far:

* What are the common themes *across* the data sources?
* What findings from previous needs assessments agree or conflict with the data you have examined?
* What do the findings show regarding consumption patterns and consequences in the county?

At this point, consider the data reviewed in terms of the **intervening variables** that influence the use and consequences of each IPN priority. Remember, intervening variables represent a group of factors that social scientists have identified as influencing the occurrence and magnitude of substance misuse/problem gambling and the consequences. The Strategic Prevention Framework is built on the idea that making changes to these variables at the county level will cause changes in substance misuse/problem gambling and related problems. Intervening variables that may be identified as priorities in the IPN grant include:

* Community norms;
* Individual factors;
* Laws and policies;
* Promotion;
* Retail availability and
* Social availability.

**Intervening variables ask “why here” and are broad concepts that manifest differently in different counties.**

IPN contractors will need to define the intervening variables that contribute to substance misuse/problem gambling in the county.

**Underlying conditions ask “but why here” and further defines the intervening variables occurring in the county.**

**Identifying**

The next stage involves identifying intervening variables for each priority. They are purposely listed in generic terms to allow the county to review, analyze or collect additional data in order to determine direction. The intervening variables, underlying conditions and data sources are listed below.

Then work to decide what combination of intervening variables would be best to focus on to address the IPN grant priorities. Consider other mitigating factors like special community characteristics that influence these grant priorities. Keep in mind that selecting intervening variables and underlying conditions should not be solely based on anecdotal information or stories, but are data driven, when possible and based on county or community level data only.

If using anecdotal data, consider ways to confirm that the stories are true. Some options include:

* One on one interviews
* Develop and disseminate surveys
* Observation
* Reviewing existing data

Contact the IPN Help Desk at ipn@idph.iowa.gov for assistance if needing support or ideas regarding anecdotal data.

**Intervening Variables and Underlying Conditions**

IPN contractors should only choose from the options below when identifying intervening variables to be addressed through the IPN grant.  Intervening variables that are identified in the Assessment step but are not on the list below may be addressed separately through the coalition.

**Selection Process**

For intervening variable selection, choose a minimum of one and a maximum of two for each the priority from the list provided below. For underlying condition selection, choose a minimum of one and a maximum or two for each intervening variable identified from the list provided below. Data sources that IDPH identified which support the intervening variables and underlying conditions are also listed but other local data can be used and included. **Due to the Substance Abuse and Mental Health Service Administration (SAMHSA) regulations, enforcement strategies cannot be funded through the IPN project so enforcement is not included as an intervening variable.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Intervening Variables** | **Definition** | **Underlying Conditions** | **Data Source** |
| Community Norms | Extent to which substance use/gambling is accepted, or perceived to be accepted  | Perception of community problemCommunity acceptance | Iowa Youth Survey [Questions: F14, F16, & F18]  |
| Individual Factors | Individuals' behaviors, beliefs and knowledge  | Early initiationPerception of risk/harmPerceived risk of detectionPerception of disapprovalFavorable attitudesKnowledge | County-level surveysIowa Youth Survey [Questions: B15, B41, C9, C11, C17, D5, D7, & D11] |
| Laws and Policies | County or community rules, policies, procedural guidelines, MOUs or codes of conduct | Local ordinancesCampus policiesWorkplace policies School policies | Collection of ordinances or policies currently available |
| Promotion | Monetary costs of substance/gambling options, extent to which substances/gambling are promoted, and exposure to promotion | SponsorshipsVariety/frequency of advertisingTargeted promotion Product placementLocationGlamorization in mediaPricing | County-level surveysPoint of Sale Data |
| Retail Availability | Extent to which substances and/or gambling options are available for purchase and within the county, and how easy it is to purchase  | Retail outlet densityCompliance with laws/regulationsProduct placementRetailer beverage service/trainingThird party purchase | Alcoholic Beverages Division [retail licenses & permits]Iowa Lottery [net sales by county]Iowa Racing and Gaming Association [[retail locations](https://irgc.iowa.gov/category/annual-reports)]  |
| Social Availability | Extent to which substance/gambling options can be obtained from friends, associates, family members, residences or other adults | Ease of obtainingLack of knowledge of penalties | Iowa Youth Survey [Questions: G2, G3, & G8] [Questions: B22 & B25] |

**Final Step**

Include the identified intervening variables and underlying conditions as well as the supporting data sources for each IPN priority. This information will be added in the logic model template per Department direction during the Planning step. The Department will also provide additional guidance after review of all CAW documents.

|  |  |  |  |
| --- | --- | --- | --- |
| **Priority** | **Intervening Variable(s)** | **Underlying Condition(s)** | **Supporting Data Source(s)** |
| Alcohol |  |  |  |
| Marijuana |  |  |  |
| Methamphetamine |  |  |  |
| Prescription Drugs/Opioids |  |  |  |
| Problem Gambling |  |  |  |
| Suicide |  |  |  |
| Tobacco |  |  |  |